



# Kentucky Rural Water Association

Helping water and wastewater utilities help themselves

April 30, 2012

RECEIVED

MAY - 4 2012

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

PUBLIC SERVICE  
COMMISSION

Dear Mr. Derouen:

Kentucky Rural Water Association will host its 2012 Outdoor Expo at Park Mammoth Resort in Park City, Kentucky on June 5-7, 2012. We would like to request that this training be approved for commissioners as referenced in regulation 807 KAR 5:070.

Please find enclosed a training summary/timed agenda and biographies for the speakers. At this time we do not have copies of any written material that may be provided during the individual sessions; however, if handouts are distributed a copy will be provided to the commission. Approval for this training session was submitted to the Kentucky Boards of Certification for Water Treatment and Distribution System Operators and Wastewater System Operators. A copy of their approval letter is enclosed.

With this letter and enclosures, Kentucky Rural Water Association is requesting the approval of up to twelve (12) hours of continuing education credit for water district commissioners. If additional information is needed, please do not hesitate to contact our office.

Sincerely,

Randall Kelley  
Training Specialist

jc

Enclosures (6 packets)

**TRAINING SPONSOR:** Kentucky Rural Water Association (KRWA)  
**COURSE TITLE:** Outdoor Expo  
**LOCATION:** Park Mammoth Resort, Park City, Kentucky  
**DATES:** June 5-7, 2012

**Learning Objective:** The objective of these sessions is to introduce processes and procedures that will enhance operations of water and wastewater utilities. Through classroom instruction and small group demonstrations, attendees will gain knowledge of products, services and procedures that will add to their knowledge and have a positive impact on job performance.

**Criteria for Training Credits:** Attendees will be granted credit for actual time attending training sessions. The EXPO will offer a total of 18.5 hours for drinking water and 14.5 hours for wastewater; however, the maximum number of credit hours that can be earned will be 12 hours (6 hours on Tuesday, 4 hours on Wednesday, and 2 hours on Thursday). An individual record sheet will be given to attendees. This sheet will be stamped by KRWA personnel after the completion of each session and turned in at the close of the EXPO in order to receive continuing education credit.

## Training Summary/Timed Agenda

### Day 1 – Tuesday, June 5, 2012

<b>Session 1</b>	8:30 a.m. – 9:30 a.m.	1.0 hrs.	DW/WW
<b>Topic:</b>	<b>Excavation and Trenching Safety</b>		
<b>Speaker:</b>	<b>Mark Houghton, KY Division of Occupational Safety and Health Education and Training.</b>		
<b>Description:</b>	This course covers OSHA’s new requirements in Subpart P of the 1926 standards. Topics will include soil classification and instrumentation, shoring techniques, trench boxes, a discussion of competent persons, and associated hazards.		
<b>Session 2</b>	9:45a.m. –10:45a.m.	1.0 hrs.	DW/WW
<b>Topic:</b>	<b>Excavation and Trenching Safety (continued)</b>		
<b>Session 3</b>	11:00 a.m.–12:00 p.m.	1.0 hrs.	DW/WW
<b>Topic:</b>	<b>Excavation and Trenching Safety: Outdoor portion</b>		
<b>Speakers:</b>	<b>Tim Blanton and Steve Capps, Kentucky Rural Water Association</b>		
<b>Description:</b>	This session will be conducted outdoors at an actual trench. Session 3 will continue on the topic of trench safety and will cover such topics as soil analysis, benching, trench box use and other safety measures. Attendees will be able to participate in the class and view the use of the trench safety equipment.		
<b>LUNCH</b>	12:00 p.m. – 1:30 p.m.		
<b>Session 4</b>	1:30 p.m. – 2:30 p.m.	1.0 hrs.	DW/WW
<b>Topic:</b>	<b>Confined Space Entry</b>		
<b>Speaker:</b>	<b>Mike Litteral, KY Division of Occupational Safety and Health Education and Training.</b>		
<b>Description:</b>	This course explains the regulations regarding entry into and working in confined spaces. Topics of discussion include assessment of the confined space environment; entry into continuous system confined spaces such as sewers; and entry into closed systems confined spaces such as tanks and pits; emergency entry into all confined spaces; and training for employees.		
<b>Session 5</b>	2:45p.m. – 3:45 p.m.	1.0 hrs.	DW/WW
<b>Topic:</b>	<b>Confined Space Entry (continued)</b>		
<b>Session 6</b>	4:00 p.m. – 5:00 p.m.	1.0 hrs.	DW/WW
<b>Topic:</b>	<b>Confined Space Entry: Outdoor portion</b>		
<b>Speakers:</b>	<b>Tim Blanton and Steve Capps, Kentucky Rural Water Association</b>		
<b>Description:</b>	This session will cover the various types of equipment commonly used in confined space entry operations. Equipment such as tripods, gas meters, and other safety equipment will be discussed and demonstrated. Discussion of real world problems and distractions and how they can impact safe operations will be covered.		

### Day 2 – Wednesday, June 6, 2012 (Sessions 7-18 are concurrent sessions at three sites – A, B, & C)

<b>Session 7-A</b>	8:30 a.m. – 9:00 a.m.	.5 hrs.	DW
<b>Topic:</b>	<b>Drilling and Tapping Water Machines</b>		
<b>Speaker:</b>	<b>Tony Omohundro, Mueller Co.</b>		
<b>Description:</b>	This session will cover drilling and tapping machines. Topics will include different types of machines, hand vs. machine power, tap insertion, the various parts of a typical machine, and the proper use of these machines.		

- Session 8-B** 8:30 a.m. – 9:00 a.m. .5 hrs. DW  
**Topic:** **Tank Inspections**  
**Speaker:** **Jay Hoffman, Wet or Dry Tank Inspection.**  
**Description:** This session will cover the basics of inspecting water storage tanks. Topics will include the purpose of tank inspections, methods, and the inspection of water storage tanks when the tanks still hold water. This session will also demonstrate an underwater remote control camera for tank inspections.
- Session 9-C** 8:30 a.m. – 9:00 a.m. .5 hrs. DW/WW  
**Topic:** **GPS for Water and Wastewater Utilities (Classroom portion)**  
**Speaker:** **Eric Muncy, Precision Products**  
**Description:** This session will cover the use of GPS equipment for collecting location data on utility infrastructure. Topics will include GPS receivers, their function, their capabilities, and how they can be tailored for use by utilities. This session will be followed by optional hands-on GPS training sessions.
- Session 10-A** 9:15 a.m. – 9:45 a.m. .5 hrs. DW  
**Topic:** **Variable Frequency Drives**  
**Speaker:** **Danny Vance, Service Pump & Supply**  
**Description:** This session will cover the basics of variable frequency drives. Topics will include the various places VFDs can be used in both water treatment and water distribution systems, where VFDs are not appropriate or economical, and controls for VFDs. Also covered will be some basic information concerning costs versus benefits.
- Session 11-B** 9:15 a.m. – 9:45 a.m. .5 hrs. DW/WW  
**Topic:** **GPS for Water and Wastewater Utilities (Hands-on Part 1)**  
**Speaker:** **Eric Muncy, Precision Products**  
**Description:** The hands-on portions of the GPS training will involve the use of GPS equipment to both collect location data and also the use of GPS to find previously located points. These sessions will cover how GPS can be used to collect data on different types of water and wastewater devices such as meters, valves, manholes, etc., and how the GPS unit can be tailored for each type and need of the utility. Each Part of the hands-on training will build upon the information learned in the previous sessions and will not be a duplication of information.
- Session 12-C** 9:15 a.m. – 9:45 a.m. .5 hrs. DW/WW  
**Topic:** **Locating Buried PVC Pipe**  
**Speaker:** **Tom Lewis, Lewis Municipal Sales**  
**Description:** Locating buried PVC pipe can be difficult under good conditions and nearly impossible unless the pipe had tracer wire buried with it. Further, tracer wire is prone to break or corrode which can limit its usefulness especially over longer time periods. This session will cover new technology and techniques for locating buried PVC pipe that does not have tracer wire.
- Session 13-A** 10:00 a.m. – 10:30 a.m. .5 hrs. DW  
**Topic:** **Hydrants**  
**Speaker:** **Rick Jutz, American Flow Control**  
**Description:** This session will cover fire hydrants. Topics will include the basics of proper installation, proper use, and maintenance. Maintenance of hydrants will include disassembly, repairing or replacing parts, and reassembly of hydrants. Also covered will be the proper operation of hydrants including how to prevent water hammer.
- Session 14-B** 10:00 a.m. – 10:30 a.m. .5 hrs. DW/WW  
**Topic:** **GPS for Water and Wastewater Utilities (Hands-on Part 2)**  
**Speaker:** **Eric Muncy, Precision Products**  
**Description:** GPS for Water and Wastewater Utilities will continue with Part 2 of the hands-on training.
- Session 15-C** 10:00 a.m. – 10:30 a.m. .5 hrs. DW/WW  
**Topic:** **Working with Engineers**  
**Speaker:** **David Bowles, Monarch Engineering, Inc.**  
**Description:** The relationship between engineers and operators can often be a difficult one, but a proper relationship is vital for effective operations in water and wastewater utilities. This session will cover how a good working relationship with an engineer can be crucial for troubleshooting and solving problems, and making effective decisions for a utility.
- Session 16-A** 10:45a.m. – 11:15 a.m. .5 hrs. DW  
**Topic:** **Leak Detection Technologies**  
**Speaker:** **Kevin Calhoun, Fluid Conservation Systems.**  
**Description:** This session will cover the basics of leak detection equipment and methods for using the equipment. This session will include a hands-on demonstration of equipment by attendees.
- Session 17-B** 10:45a.m. – 11:15 a.m. .5 hrs. DW/WW  
**Topic:** **GPS for Water and Wastewater Utilities (Hands-on Part 3)**  
**Speaker:** **Eric Muncy, Precision Products**  
**Description:** GPS for Water and Wastewater Utilities will continue with Part 3 of the hands-on training.

**Session 18-C** 10:45a.m. – 11:15 a.m. .5 hrs. DW/WW  
**Topic:** **The Importance of Understanding Pump Curves**  
**Speaker:** **Emily Miesner, Reynolds, Inc.**  
**Description:** This session will cover the basics of understanding pump curves. Understanding pump curves is critical for the proper sizing of pumps for particular applications. Pumps used improperly can wear faster and use more electricity than necessary for the job.

**Session 19** 1:30 p.m. – 2:30 p.m. 1.0 hrs. DW/WW  
**Topic:** **The Basics of Sample Collection**  
**Speaker:** **Syd Tate, McCoy & McCoy Laboratories, Inc.**  
**Description:** This session will cover the basics of sample collection. Topics will include preventing sample contamination, picking sample locations, and collection techniques. Also covered will be topics concerning chain of custody paperwork and laboratory result forms.

**Session 20** 2:45 p.m. – 3:45 p.m. 1.0 hrs. DW/WW  
**Topic:** **Fundamentals of Chlorine Operations and Safety**  
**Speaker:** **Steve Aker, Chlorination Co., Inc.**  
**Description:** This session will cover the fundamentals concerning the use of chlorine by water and wastewater operators in day to day operations. Topics will include safety, general theory of equipment operation, and basic troubleshooting.

**Day 3 – Thursday, June 7, 2012** (Sessions 21-32 are concurrent sessions at three sites – A, B, & C)

**Session 21-A** 8:30 a.m. – 9:00 a.m. .5 hrs. DW/WW  
**Topic:** **Variable Frequency Drives**  
**Speaker:** **Steve Gott, S & K Equipment Co.**  
**Description:** The control of pumps and motors is a vital part of the operation of water and wastewater plants, collection systems and distribution systems. Included will be training on electrical panel maintenance and installation, how variable frequency drives operate, their costs, maintenance, and electrical savings.

**Session 22-B** 8:30 a.m. – 9:00 a.m. .5 hrs. DW  
**Topic:** **Corrosion Sequestration and Biofilm Reduction**  
**Speaker:** **Don Adams, JIL Industries**  
**Description:** This session will cover new technologies for corrosion control and biofilm reduction. Meeting Stage 2 regulations is going to be a challenge for drinking water utilities and the control of biofilm growth can be an important factor in meeting Stage 2 requirements.

**Session 23-C** 8:30 a.m. – 9:00 a.m. .5 hrs. DW  
**Topic:** **Leak Detection, Jeff Merman**  
**Speakers:** **Jeff Merman, Automatic Controls Company, Inc.**  
**Tim Blanton and Dell Harris, Kentucky Rural Water Association**  
**Description:** This session will cover leak detection equipment and techniques. Topics will include types of devices used for detecting and locating leaks from underground water mains. In addition to devices, methods for narrowing search areas where a leak could be will also be covered. This session will be followed by optional hands-on leak detection training sessions.

**Session 24-A** 9:15 a.m. – 9:45 a.m. .5 hrs. DW/WW  
**Topic:** **Dissection of a Turbine Pump**  
**Speaker:** **Emily Miesner, Reynolds, Inc.**  
**Description:** This session will cover the basics of turbine pumps. Topics covered will include the various components of turbine pumps, diagnosing problems with turbine pumps, troubleshooting and maintenance and their uses within water and wastewater systems.

**Session 25-B** 9:15 a.m. – 9:45 a.m. .5 hrs. DW  
**Topic:** **Leak Detection-Hands-on (Part 1)**  
**Speakers:** **Jeff Merman, Automatic Controls Company, Inc.,**  
**Tim Blanton and Dell Harris, Kentucky Rural Water Association**  
**Description:** The hands-on portions of the Leak Detection training will focus on the use of leak detection equipment in the field. During each hands-on session, attendees will be able to use leak detection equipment to locate a difference type of simulated water leak and the corresponding equipment/devices to accurately detect the various situations. Each Part of the hands-on training will focus on a different type of process to locate a leak with an explanation of the proper equipment to use for each situation.

- Session 26-C** 9:15 a.m. – 9:45 a.m. .5 hrs. DW  
**Topic:** Filtration Assessment Equipment and Data  
**Speaker:** Brandt Cashion, S4 Water Sales and Service  
**Description:** This session will cover methods and equipment used to assess the performance of filters in water treatment plants. Topics will include methods for assessing filter, materials used, and how to interpret the data collected.
- Session 27-A** 10:00 a.m. – 10:30 a.m. .5 hrs. WW  
**Topic:** Manhole Rehabilitation  
**Speaker:** Matt Terranova, A. J. Enterprises  
**Description:** Degraded manholes are one of the major contributing sources of inflow and infiltration plaguing wastewater utilities. Since manhole replacement is often prohibitively expensive, the rehabilitation of manholes is a preferable method for the reduction of inflow and infiltration. This session will cover some of the techniques for manhole rehabilitation, their costs, and their effectiveness.
- Session 28-B** 10:00 a.m. – 10:30 a.m. .5 hrs. DW  
**Topic:** Leak Detection-Hands-on (Part 2)  
**Speakers:** Jeff Merman, Automatic Controls Company, Inc.  
Tim Blanton and Dell Harris, Kentucky Rural Water Association  
**Description:** Hands-on leak detection session continued.
- Session 29-C** 10:00 a.m. – 10:30 a.m. .5 hrs. WW  
**Topic:** Dealing with Hydrogen Sulfide  
**Speaker:** Trent Coffee, Aulick Chemical Solutions, Inc.  
**Description:** The session will explore the issue of hydrogen sulfide within a sewer system. Issues that will be addressed will include: causes of hydrogen sulfide, corrosion to plant equipment, hydrogen sulfide gases versus other odorous gases, and monitoring systems.
- Session 30-A** 10:45 a.m. – 11:15 a.m. .5 hrs. WW  
**Topic:** Using Low Pressure Sewer Systems to Stop I & I  
**Speaker:** Jonathan Cummings, Wascon, Inc.  
**Description:** This session will provide information about low pressure wastewater systems. Topics covered will include information on how low pressure wastewater systems can be used by utilities for the limitation and prevention of inflow and infiltration.
- Session 31-B** 10:45 a.m. – 11:15 a.m. .5 hrs. DW  
**Topic:** Water Metering and Automatic Meter Reading  
**Speaker:** Kevin Brown, HD Supply Waterworks  
**Description:** This session will cover topics concerning water metering. Topics will include the basics of water meters, different types of meters, and their applications and uses. Automated meter reading will also be covered, how it works, the pros and cons, and capabilities.
- Session 32-C** 10:45 a.m. – 11:15 a.m. .5 hrs. DW/WW  
**Topic:** Developments in Advanced Oxidation Process for Water and Wastewater  
**Speaker:** Steve Gallagher, Gatterdam Industrial Services  
**Description:** This session will cover the uses of ozone in water and wastewater treatment. Topics will include the use of ozone for the disinfection of drinking water and the use of ozone for the control of hydrogen sulfide in wastewater treatment.

Tuesday, Session 1 & 2

**Mark W. Houghton** is a Senior Safety Consultant within the Labor Cabinet's Division of Occupational Safety and Health Education and Training. He offers more than 30 years combined experience in safety management and training. With degrees in Fire Science and Para-medicine, he has worked closely with numerous federal, state, and local agencies developing interagency agreements and emergency response plans for bio-chemical, fire, and natural disasters. Some of Mr. Houghton's career highlights as a Fire Officer with Naples Police and Emergency Services in Naples FL include: developing a Water Rescue Program, creating a Hazardous Materials Response Team that led to the formation of the first countywide Special Response Team (SRT). The SRT was responsible for: Hazardous Materials, Structural Collapse, Confined Space, Trench Rescue and High Angle Rescue. As the ranking Airport Rescue Firefighting Officer for Naples Airport, the airport won the FAA National Airport Safety Award for 1999 by conducting a disaster exercise that included 200 members of Local, State and Federal resources. Mr. Houghton also oversaw the successful implementation of a Public Access Defibrillation program and Advanced Life Support program. Mr. Houghton currently conducts complex survey work for businesses across the Commonwealth as well as classroom and hands on training and technical assistance.

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Tuesday, Sessions 3 & 6

Thursday, Sessions 23C, 25B, & 28B

**TIM BLANTON**  
**KRWA Circuit Rider**

Tim Blanton came to work for Kentucky Rural Water Association in June, 2007 as a Circuit Rider. His many years of experience in water, wastewater, and public works began in the City of Grand Junction, Colorado. For 10 years he held various positions in billing and collections for the departments of water and solid waste. He gained knowledge of public relations, billing & collections, water system operations, metering, leak locating and repairing, welding and much more. After moving to Vermont, Tim continued his career in the water and wastewater industry for another 11 years. He served as the Public Works Manager for the Village of Derby Center before taking a position as the Regional Manager for a contract utility operations business. His responsibilities included the management and operations of 36 municipal water systems and six sewer systems.

When Tim decided to relocate to Kentucky, his background and experience of construction, operations, and maintenance were a well-suited fit for the KRWA Circuit Rider position. His skills have proven to be beneficial to the Kentucky Rural Water Association and its members. Tim holds an Associates Degree in Architectural Structural Design.

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Tuesday, Sessions 3 & 6

**Stephen L. Capps**  
**Kentucky Rural Water Association**

Steve Capps came to Kentucky Rural Water Association in 1994 from the City of Burkesville, Kentucky where he had served as Director of Public Works for twelve (12) years. He also had experience as the Water Treatment Plant Operator and also the Wastewater Treatment Plant Operator for six (6) years. He is currently certified in water treatment, wastewater treatment and holds a certificate as a water distribution system operator.

Mr. Capps served as the Wastewater Technician for the Kentucky Rural Water Association from June 1994 to June 1999. His primary duties as Wastewater Technician were to provide technical assistance and hands-on training to rural wastewater utility personnel throughout Kentucky.

Mr. Capps' position with the Kentucky Rural Water Association from June 1999 to the present is that of Wastewater Trainer/Technician and Compliance. In that capacity he provides on-site technical assistance and training to small rural municipal wastewater treatment systems and rural systems in unincorporated areas.

Tuesday, Sessions 4 & 5

**Michael D. Litteral**  
Senior Industrial Hygiene Consultant  
Kentucky Labor Cabinet  
Division of Education and Training

- Education: Eastern Kentucky University  
Bachelor of Science - Environmental Health Science, May 1995
- Experience: Over five (5) years in the Division of Education and Training as a consultant and trainer.  
Experience includes:
- Conducting voluntary compliance occupational safety and health audits in places of employment to identify, evaluate and control hazards, which are known or suspected of being detrimental to the health of workers and to evaluate the current compliance with applicable standards.
  - Conducting training courses throughout the Commonwealth of Kentucky to assist employees and employers in gaining a better understanding of current state and federal OSH regulations.
  - Evaluating employer safety and health programs.
  - Writing technical reports, which identify compliance issues and recommend corrective procedures to employers.
  - Providing technical assistance to employers.

Areas of Specialty Include: Permit Required Confined Spaces and Hazard Communication

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Wednesday, Sessions 7A

**Tony Omohundro**, Sales Representative  
Mueller Company  
147 Avawam Drive  
Richmond, KY 40475  
[jomohundro@muellercompany.com](mailto:jomohundro@muellercompany.com)  
(859) 229.0210

**Tony Omohundro**, has worked for Mueller Company since January 1, 2003 as Sales Representative. Tony is a graduate of the University of Kentucky with a B.S. in Mechanical Engineering. In his position as Sales Representative, Tony has provided numerous training sessions throughout the state.

Since 1857, the Mueller name has been known for innovative Water Distribution Products of superior quality. Mueller Co. is North America's largest and only full-line supplier of potable Water Distribution Products. Their products are used throughout the water system from source to customer.

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Wednesday, Sessions 8B

**Jay Hoffman**

Cell #: 502.594.7947

**WET OR DRY Tank Inspection Services**  
1609 Hillsboro Road Campbellsburg, KY 40011  
Office 502-532-6190 Fax 502-532-7136  
Email [diver@aye.net](mailto:diver@aye.net)

Wet or Dry Tank Inspection Services employs its own inspectors and specializes in the under water inspection of water storage tanks. Jay Hoffman is a certified coatings inspector of the National Association of Corrosion Engineers (NACE) and has been involved in the inspection and maintenance of water storage tanks for 20+ years.

Wednesday, Sessions 9C, 11B, 14B, & 17B

**Eric Muncy** is the Mapping-GIS Sales Consultant for **Precision Products**, the authorized dealer for Mapping and Survey Trimble GPS Products for Kentucky. Eric has been in the GPS and GIS fields for over 18 years, working on a variety of GIS projects including FEMA Flood Studies, National Guard Environmental Impact Studies, and Stormwater Planning Projects in Oklahoma, Tennessee, North Carolina, and Kentucky. He has worked on a variety of data collection projects from Manhole Inspections to full blown GPS data collections. One notable project was the Louisville Water GIS Data conversion project. Eric managed and trained 10 crews collecting GPS for water features for about 3 years. He graduated from the University of Louisville in 1994 with a BS degree in Geography with a concentration in Environmental Analysis with a focus in his Senior year in GIS/Computer Mapping. Today, as the sales consultant for Mapping and GIS products, he helps educate customers about what particular GPS products might be the best fit for their needs. He also helps train and support customers throughout the Kentucky and southern Indiana area.

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Wednesday, Session 10A

## **Danny A. Vance**

**President - Service Pump & Supply, Inc.**

Main Office: P. O. Box 2097 • 4446 Waverly Road • Huntington, West Virginia 25721-2097  
Branch: P. O. Box 7189 • Hazard, Kentucky 41702-7189

1980 – Present	Started Service Pump & Supply, Inc. Engineer and sell pump and electrical systems to mining, industrial and municipal markets.
1978 – 1980	Stanco Manufacturing Eastern territory Manager and Top Technical Advisor for submersible pump manufacturer.
1975 – 1978	Started Hutchison Supply Sold pumps and pipe to mining market
1968 – 1975	Hutchinson Fire Protection Sprinkler Engineer and Estimator

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Wednesday, Session 12C

**Tom H Lewis**

Lewis Municipal Sales

651 Hawthorne Drive

Carmel, IN 46033

317-566-0723 phone

317-566-9289 fax

[Tom.lewis@lewismunisales.com](mailto:Tom.lewis@lewismunisales.com)

[www.lewismunisales.com](http://www.lewismunisales.com)

**Tom Lewis** is a graduate of the University of Arkansas, Tech Campus, with a degree in Business Administration and Economics. Tom spent 21 years working for Premier Industrial Corporation in various sales management positions. While with Premier, Tom sold lubrication and coating products primarily to contractors and the steel manufacturing industry. In 1999, Lewis Municipal Sales (LMS) was established as a manufacturer's rep agency and Tom began working in the waterworks industry. The manufacturers represented by Tom's company supply a variety of products, both technical and commodities, to municipalities and contracting companies.

With several of the product lines represented by LMS, Tom conducts training seminars for various industry associations like the Kentucky RWA. Some additional product training seminars include the manufacturers- Metrotech, Lansas and Measurement Technologies.



Wednesday, Session 13A

**Richard L. Jutz**

**American Flow Control**

152 Stoneyridge Wynde  
Shepherdsville, KY 40165  
Phone: (502) 921-0214

**Employment**

1985 – Present: Senior Sales/Service Representative for American Flow Control

- Sales and service accounts in Kentucky and Tennessee
- Give fire hydrant maintenance classes to municipalities and fire departments
- Assist customers in the field on hydrant and valve problems
- Give hydrant demonstrations to municipalities and other organizations

**Training Experience**

Rick has held classes on fire hydrant maintenance and overhaul in Kentucky, West Virginia, Tennessee, Mississippi, Ohio, Pennsylvania, Michigan, Massachusetts, and Indiana. These classes have been held for such organizations as Mississippi Rural Water, Western Pennsylvania Rural Water, Indiana Rural Water, Tennessee Association of Utility Districts, Kentucky Rural Water Association, and the Kentucky Water and Wastewater Operators Association.

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Wednesday, Session 15C

**David M. Bowles, P.E.**

***President, Monarch Engineering, Inc.***

David grew up on a farm in Taylor County graduating from Taylor County High School and Green County Vocational School in 1977. He enrolled at the University of Kentucky in the College of Engineering where he earned a Bachelor's Degree in Civil Engineering in 1981. After working in the engineering field of water and wastewater for 12 years, David founded Monarch Engineering, Inc. in 1994 and based the company in Lawrenceburg, KY, the home of his wife Treva. Since that time the company has successfully completed over \$200 Million of water and wastewater related projects. David and Treva reside in rural Anderson County.

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Wednesday, Session 16A

**Kevin Calhoun: Technical Sales Engineer**

Fluid Conservation Systems  
502 TechneCenter Drive, Suite B  
Milford, OH 45150  
(855) 286-1914 Home Office  
(513) 287-9245 Cell  
<http://www.fluidconservation.com>  
[kcalhoun@fluidconservation.com](mailto:kcalhoun@fluidconservation.com)

**Kevin Calhoun** joined Fluid Conservation Systems, Inc. (FCS) as Technical Sales Engineer in September of 2011. Fluid Conservation Systems Inc. (FCS) is the North American industry leader in water leak detection technology. Prior to joining FCS, Mr. Calhoun served as the Sales Account Manager at Spatial Data Integrations in Louisville, KY wherein he was active in working with county and city municipalities/utilities on GIS/GPS related projects. Some of these projects consisted of utility asset management, database construction, and sales of SDImaps utility mapping software.

Wednesday, Session 18C and Thursday, Session 24A

*Emily Miesner*

Reynolds, Inc.  
1301 E. Main Street  
Louisville, KY 40206  
(502)585-1241  
(502)585-4169 fax  
(502)552-2085 cell

Emily Miesner graduated from University of Louisville with a Bachelors of Science in Business Administration in December of 1999. She has been with Reynolds, Inc. for over 11 years. Emily has successfully completed 2 vertical turbine pump training courses.

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Wednesday, Session 19

Syd Tate

McCoy & McCoy Laboratories, Inc.

Syd Tate is the Field Services Corporate Manager for McCoy & McCoy Laboratories, Inc. He is responsible for all water services, including sampling, sample pickup, and project coordination with an emphasis on efficiency and control. Syd holds a B.S. in Environmental Resources with emphasis on Wildlife Management and Aquatic Biloby, Eastern Kentucky University, 1977.

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Wednesday, Session 20

**Chlorination Co., Inc.**

6568 South Rosebud Road  
Salem, IN 47167  
502.396.6660

**Steven Aker** is the owner/operator of Chlorination Co. Inc. where he has been employed for the last 32 years. Chlorination Company sells and services chemical feed equipment and related items primarily for water and wastewater. Steven graduated from Purdue University in 1979 with a B.S. degree in Business Management and in 2006 with a associate degree in electronics technology.

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Thursday, Session 21A

**STEVEN GOTT**

**S & K EQUIPMENT COMPANY**

P. O. Box 342  
VINCENNES, IN 47591  
(812) 886-0245

**Work Experience**

2002	S & K Equipment Company, Owner
1988-2002	Straeffer Pump & Supply-Director of Sales Education, Outside Sales, and Manager of Service Dept.
1985-1988	Hague Equipment-Service, Sales, and Design
1982-1985	Graham Equipment-Sales and Service

**Educational Background**

Have attended various pump and systems courses as well as valve and hydraulic schools; Extensive instruction on controls and systems; Graduate of National Radio Institute (NRI)-Electronics; Credited gas chlorination, equipment & design classes; Dale Carnegie courses

Thursday, Session 22B

**Don Adams**

**JIL Industries**

**325A Emmett Avenue**

**Bowling Green, KY 42101**

**Ph: 270.782.7827**

**Fx: 270.782.3414**

**E-mail: [jilindustries@insightbb.com](mailto:jilindustries@insightbb.com)**

I have enjoyed over 48 years working in the Chemical Industry, primarily in the nuclear area and the last 20+ years in water and wastewater chemicals and chemical engineering processes. I like to think of myself as either a chemist with many years in sales/marketing or a peddler with much experience in chemical engineering!

I have a B.S. degree in Chemistry and Mathematics from Kentucky State University with additional hours in each plus Physics, Geology and work on a MBA.

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Thursday, Sessions 23C, 25B, and 28B

**JEFF MERMAN, President, Automatic Controls Co.**

**2231-B AMPERE DR.**

**LOUISVILLE, KY 40299**

**P:502.266.6640**

**F:502.266.6588**

**C:502.724.3037**

**[www.automaticcontrolsky.com](http://www.automaticcontrolsky.com)**

- 28 years experience selling industrial instrumentation and controls in the Commonwealth of Kentucky.
  - 21 years with Automatic Controls Co.
  - Prior speaker at various ISA Conferences, TAPPI & other Water & Waste Water Training Classes.
  - 25 Year Member of ISA.
  - Other memberships: Kentucky Rural Water Assn., The Vibration Institute, and agency member of MANA.
- 

Thursday, Session 26C

**Brandt Cashion, President/CEO**

**S4 Water Sales & Service**

**153 Daisy Field Court**

**Bowling Green, KY 42104**

Brandt Cashion is the President of S4 Water Sales & Service, a family and veteran owned water treatment company focused only on one thing, providing safe drinking water throughout the southeast United States. The company combines practical knowledge and experience to best advise you on new technologies and best treatment practices. The S4 Water team has certified drinking water operators, trainers and safety professionals, to help any utility with any situation. In a phrase, "Intake to Tap." Services include: Water Treatment Chemicals, Filter Bays, Filter Media, Tanks and Basins, Distribution Pipes, and Plant Assessments.

Brandt's previous experiences include a successful career in the Army, as a First Lieutenant in the paratroopers, technical and sales representative for Southeastern Laboratories and a Field Representative for Hach Company.

Thursday, Session 27A

**MATTHEW J. TERRANOVA**

**A J ENTERPRISES**

616 Dublin Circle  
Louisville, KY 40229  
(502) 741-4299

**Education:** B.S., Mechanical Engineering, University of Louisville, 1986

**Qualifications:** Mr. Terranova has worked in the water and sewer industry for over 25 years. He has been responsible for bidding rural water and sewer projects in the Kentucky and southern Indiana area. Over the last few years Mr. Terranova has been working with engineers and municipalities on the different processes for relining manholes and sealing the chimney area to reduce or eliminate inflow and infiltration.

**Employment History:** 2000 - Present      A J Enterprises  
1985 - 2000                      Harco Inc., Louisville, KY 40219

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Thursday, Sessions 23C, 25B, & 28B

**Dell R. Harris**

KRWA Circuit Rider

Dell Harris joined the Kentucky Rural Water Association in September 1997 as a Circuit Rider. He began his experience in the water treatment field beginning in 1988, when he became a water treatment plant operator and acquired Kentucky Class IV-A and Class III-D operator licenses while working for the Hardin County Water District #1.

Mr. Harris went to work for the Hardin County Water District #1 in April 1988 and operated the Pirtle Springs and Muldraugh Water Treatment Plants. He was promoted to Supervisor at the Pirtle Springs facility in July 1991 and obtained his Class IV-A license in April 1992. From September 1993 to September 1994, Dell served as Interim General Manager for the water district. He obtained his Class III-D license in April 1997.

Mr. Harris earned an Associate Degree from the Elizabethtown Community College. His studies included Total Quality Management (TQM), Computer Science, and financial management.

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Thursday, Session 29C

**Trent A. Coffee**

Aulick Chemical Solutions, Inc.  
PO Box 127  
Nicholasville, KY 40340

Trent Coffee started work with Aulick Chemical Solutions in January 2010, as a sales representation. Trent is a 2001 Graduate of Lindsey Wilson College earning a Bachelor of Arts degree in Biology with a minor in Chemistry. Trent also holds a Class II certification license for wastewater treatment.

Prior work experience includes: Wastewater Circuit Rider for Kentucky Rural Water Association from December 2002-December, 2009 and prior to joining KRWA, he served as a Lab Technician for the Wastewater Treatment Plant in Franklin, Kentucky.

Thursday, Session 30A

**Jonathan Cummings**  
**Wascon Sales & Service**  
910 East Main Street  
Livingston, KY 38570

I have worked for WASCON since 2004 starting with Service and working my way into sales. When I started working for WASCON I started by rebuilding grinder pumps in the shop. From there I move to doing service calls and service jobs for WASCON. WASCON does service and sales on all equipment in the water & wastewater industry. I now maintain inside sales at the moment for WASCON covering all quotes that are required on all jobs in both municipal fields. Along with my inside title I also do classes on troubleshooting and repair of sewer pumps in the field and in a classroom setting.

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Thursday, Session 31B

**Kevin Brown**, a product specialist for **HD Supply Company**, has 15 years of water meter and AMR experience. Kevin has received factory training from four different meter manufacturers. His expertise in this field has also allowed him to instruct certification classes for the state of Tennessee.

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Thursday, Session 32C



OUR WORLD REVOLVES AROUND YOU

**114 N. 30<sup>th</sup> Street**  
**Louisville, KY 40212**  
**Phone: (502) 776-3937; Fax (502) 776-9929**

Bio of Steve Gallagher, Gatterdam Industrial Services (formerly Atlas Machine & Supply)

- General Manager of Gatterdam Industrial Services.
- 15 years experience in pump applications, system design and sales
- Associate member of KWWOA and KRWA
- BBA-Marketing
- MBA-Management

Steve Gallagher (Pump Division GM)  
Gatterdam Industrial Services  
[sgallagher@gatterdam.com](mailto:sgallagher@gatterdam.com)  
(502) 644-7372



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KENTUCKY RURAL WATER  
ASSOCIATION

## ENERGY AND ENVIRONMENT CABINET

Steven L. Beshear  
Governor

Leonard K. Peters  
Secretary

### DEPARTMENT FOR ENVIRONMENTAL PROTECTION DIVISION OF COMPLIANCE ASSISTANCE

300 FAIR OAKS LANE  
FRANKFORT, KENTUCKY 40601  
PHONE (502) 564-0323  
FAX (502)564-9720  
www.dep.ky.gov

# COPY

April 25, 2012

Kentucky Rural Water Assoc.  
Attn: Janet Cole  
PO Box 1424  
Bowling Green, KY 42102-1424

Agency Interest Number: 108571

RE: Operator Certification Training Approval for Continuing Education Hours

To Whom It May Concern:

Your training request has been received by the Division of Compliance Assistance, Certification and Licensing Branch. Course approvals are reviewed and approved based on core content outlined by the cabinet and the Kentucky Board of Certification of Wastewater System Operators and the Kentucky Board of Certification of Drinking Water Treatment and Distribution System Operators. The core content lists can be located on our Web site, [www.dca.ky.gov/certification](http://www.dca.ky.gov/certification).

Your request was reviewed by the Kentucky Board of Certification of Wastewater System Operators and/or the Kentucky Board of Certification of Water Treatment and Distribution System Operators at their most recent board business meeting. This letter serves as notification of the board and/or cabinet determination for continuing education credit.

Course Title	Date	Hours & Type Approved	DCA Event ID#	Comments
2012 Outdoor Expo	June 5-7, 2012	18.5 offered with 12.0 Max – DW 14.5 offered with 12.0 Max - WW	10475	One time event

Upon completion of the approved training, the provider shall submit to the cabinet a completed Continuing Education Activity Report form. This form can be located on the program's Web site at [www.dca.ky.gov/certification](http://www.dca.ky.gov/certification). The program will no longer accept rosters that are not submitted on the cabinet's Continuing Education Activity Report form or electronically through the cabinet's Web site. If a continuing education activity report was attached to the training approval request, please be aware that the operators will only receive credit for the number of hours approved by the board(s).

Sincerely,

Lisa Butler  
Certification and Licensing Branch