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Drinking Water Operators: If your license expired on June 30th, be sure and renew prior to December 31, 2012 or it will terminate.

If you need training to renew, KWWOA has several training dates remaining in 2012, most of which are free of charge to its members. See page 10 for available training dates and locations.

KWWOA

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KWWOA—On the Hunt for Excellence!

During the 55th Annual Kentucky Water and Wastewater Operators' Conference, KWWOA was "On the Hunt for Excellence" and we certainly found it repeatedly throughout the week in a variety of places. The Opening Breakfast, sponsored by American Development, began with a KWWOA Membership meeting in which KWWOA recognized members who have worked tirelessly to achieve and/or promote excellence throughout the year. Recognized this year with the wastewater operations award was the Ohio County Regional Wastewater Plant (see pictures on page 3). The wastewater and drinking water plant awards take into consideration water quality, appearance of the facility, institution of maintenance programs, staffing, recordkeeping, safety record, ingenuity of the operating staff, the lack of operational violations, etc. The Ohio County Regional Wastewater Plant is well maintained and it is evident by their effluent quality history, that the plant is operated by a dedicated and experienced staff. The winner of the drinking water plant award was the Mount Sterling Water Treatment Plant. This 48 year old facility does not show its age and that is reflective of the experience and dedication of its staff who always provides a high quality product to its customers.

KWWOA also gave out several individual awards as well during the opening session. The Earl T. Mitchell Award is given to a KWWOA member who has at least ten years of professional involvement in the water industry and has demonstrated a commitment to the improvement of the management and technical progression of operations, maintenance and/or water quality. This year, the award went to Barry Bolin who is a Superintendent with Paducah Water Works and a member of the Kentucky Drinking Water Certification Board since 1991. Mr. Bolin is a strong supporter of KWWOA, as demonstrated by the involvement of his employees, both at the state and local levels. Barry's co-workers described him as a truly honorable man, who is a friend and mentor to them and for whom they consider it a

privilege and honor to work. Elliott Turner was the recipient of the J.C. Chambers Award. This award is given to a wastewater operator who has demonstrated the same qualities referenced earlier for the Earl T. Mitchell award. Elliott is the District Manager for the Northern Madison County Sanitation District and has over 22 years of experience as a wastewater operator. His employees describe him as a very knowledgeable and dedicated individual who is very "hands-on" and never puts himself above anyone else.

The Eugene Nicholas Award is for a member of KWWOA with ten years or more of professional involvement in the water industry, has demonstrated a commitment to the improvement of the management and technical progression of operations, maintenance and/or water quality, with the emphasis and/or involvement being in the advancement of water and/or wastewater operator education. The recipient of this award was Ama Bentley, President of Appalachian States Analytical. With over 20 years of laboratory experience, Ama's "customer first" mentality has fueled her desire to further water and wastewater compliance education. Ama has long been a supporter of KWWOA and has volunteered many hours of her time for the support and education of operators.

We congratulate each of these individuals who epitomize the type of KWWOA members found across the state, from Pike to Fulton County. If you work in a plant or with a KWWOA member who is deserving and meets the criteria referenced, please recognize them by submitting a nomination form to KWWOA by October 1, 2012 for consideration. The nomination forms can be found at www.kwwoa.org and may be submitted to your local Chapter Vice-President or by forwarding it to kwwoa@fewpb.net.

Not only was excellence demonstrated in the KWWOA Award recipients, but within the (Article continued on page 2)

classroom and Exhibit Hall as well. We have so many individuals that consistently support KWWOA and Kentucky's operators, both during the Conference and throughout the year. Many of the 81 vendors at this year's Conference, assisted with the technical program and/or sponsored events which helps to keep attendee training cost at a low level. During the 55th Annual Conference, KWWOA added two new training events that were fully supported by our Associate Members and Exhibitors. On Monday and Tuesday, we conducted an informational scavenger hunt where operators talked with pre-identified vendors in the Exhibit Hall with the intent of solving a problem. This was a qualified training session that allowed operators to not only gain operational knowledge, but learn how to work in a team environment, practice their problem solving skills, and/or identify new products/contacts that may help them to solve a system problem they encounter. On Wednesday, hands-on training was provided for collection and distribution system operators that allowed attendees to not only hear about various technologies, but to see it work, providing for a greater understanding of the equipment.

These sessions required a tremendous amount of work by the presenters, as well as our KWWOA volunteers, and we really appreciate their efforts.

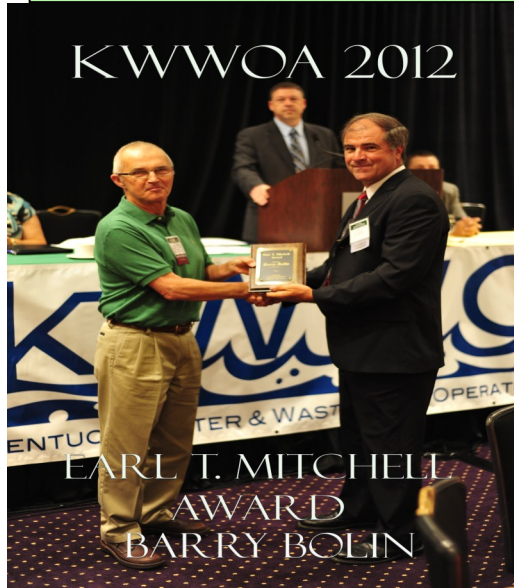
While the primary purpose of the Conference is for operators to garner knowledge which will grow them as professionals and ultimately benefit the facilities they operate, it is also about having fun and meeting other operators. Our sponsors provided several opportunities for operators to do this, through the Monday night Meet and Greet, lunch on Tuesday and a Belle of Louisville Cruise. A list of our major sponsors can be found on pages 4 and 5, but we appreciate all of our Associate Members and Sponsors, as we could not do it without you!

Next year's Conference will be at the Galt House Hotel and Suites in Louisville, Kentucky, April 14–18, 2013. KWWOA is already hard at work on next year's program and certainly hopes that you will put it on your calendar and join us!



All Conference photos courtesy of Tim Robards, Madisonville West Wastewater Treatment Plant.

Congratulations 55th Annual Water and Wastewater Operators' Conference Award Winners



To the left: Elliott Turner, recipient of the J.C. Chambers award



Outstanding Water Treatment Plant—Mount Sterling
Front row: Bill Carroll, Mike Crockett, Larry Adams and Carl Pickering
Back row: Lacey Oney, Jeff Phipps and Roy Thompson



Dave Enzweiler presenting the award to Kevin Bradley

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55th Annual Conference Photos Continued



KWWOA Website Update!

KWWOA is excited that our members have embraced our new website launched in January 2012. During the first six months, approximately 63 percent of all orders were filed electronically on the website. This not only increases KWWOA's efficiency, but the user's as well. We fully anticipate that usage will continue to grow as individuals that filed a paper membership applications in 2012, now have a website account which allows for access to KWWOA information and services. Employers who file membership renewals or Annual Conference registrations, may do so quickly for operators with a KWWOA account by simply entering the operator's Agency Interest No. or KWWOA unique identifier (if not certified), as their personal data will automatically load. Failure to add the member's identifier, however, will make it look as though the person logged into the system is actually renewing their membership and/or registering for the Conference. While you submit an application online, you may elect to pay with a credit card or check. If you submit a check, simply reference the order number on the "Memo" line, so that we may properly credit the payment.

One of the conditions of having an account on the KWWOA website is an email address. If a member did not have a valid email, a bogus one was created and password assigned to create an account. This information was provided with your membership card for login purposes. Members may log into their account at any time, to confirm their membership status,

update personal information, revise passwords, post job vacancies and/or register for training, with just a few easy steps. The main thing to remember when registering for a Chapter training event, is to first log into your account so your current membership will be recognized and the nonmember fee will not be assessed. If you are a member and do not know how to log in to your account, please contact KWWOA for assistance.

The website also allows Associate Members to submit membership applications, purchase exhibit space or conference registrations, post job vacancies, purchase KWWOA Chapter sponsorships, add product information to the Vendor's Corner and/or purchase advertisements with KWWOA.

We encourage our members to use the website (www.kwwoa.org) and ask that you give us a call at (502)352-0510, if you are working through a specific application and get "stuck". No question is silly when trying to learn a new application!

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Eastern KWWOA Swings Into Action!

Article by Tim Goble



The Eastern Chapter of KWWOA held its 4th Annual Golf Scramble on May 16 at the Stonecrest Golf Course in Prestonsburg, Kentucky. There was a great turn out for the day, with 76 golfers and 27 sponsors participating in the scramble. While the scramble was delayed an hour due to fog, once everyone reached their starting hole it was blue skies and smooth sailing (of golf balls that is) the rest of the day. Given that the past two years the scramble was played in a cold, drizzling rain, nice weather was a welcome change! At the end of the scramble, everyone met in the clubhouse for lunch and door prizes. Congratulations to the winning team, Hi-Tech Signs and Graphics, which was made up of Rick Hughes, Josh Slone, Kyle Wick-er and Senator Johnny Ray Turner, with a team score of -17.

The next day the Eastern Chapter sponsored continuing education training which was hosted by Prestonsburg City's Utilities Commission. A total of 12 hours of training (6 drinking water and 6 wastewater) was provided for the operators, with the training being free to KWWOA members. The Eastern Chapter of KWWOA provided lunch for the attendees and drew for door prizes after a brief business meeting. John Degracias from the Parkson Company provided two hours of training on the operational savings and improved water quality when using mixed oxidants and provided a demonstration of a mixed oxidant generator. Other speakers included Bill Howell with Neptune Technologies, Troy Fraebel with Sherwin Williams, Josh Cravins with Wascon, Rob Walker with Seepex, and Tim Ricketts with the Kentucky Division of Compliance Assistance.

EKWWOA would like to thank all who played a part in the golf scramble and training which was a huge success! To all the sponsors and speakers that took time out of their busy schedule to participate, we could not have done this without you and so appreciate your support. We hope everyone enjoyed themselves and the Eastern Chapter looks forward to sponsoring this event again next year!!!

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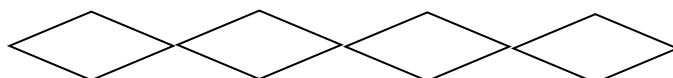
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Progressive Cavity Pumps Ease Maintenance Problems

The Town Branch Wastewater Treatment plant, serves approximately 130,000 people in Fayette County, Kentucky and the City of Lexington. Designed to treat a maximum of 64 mgd, the plant recently switched to the use of progressive cavity pumps to convey sludge around the facility.

Until recently, piston pumps were used exclusively for conveying the sludge. However, due to their design, the pumps had a tendency to strongly pulsate. In order to meet the demands of the plant, the pumps were operated at high speeds and pressures. The facility has issues with maintenance, leaking and a lack of protective devices on the pumps, and began researching alternative technologies.

Specialist at seepex proposed their BN range of progressive cavity pumps which operate virtually pulsation free. This ensures that their sludge is transported evenly. With pumps of



This exploded view of the BN range of pumps shows the seepex Smart Conveying Technology.

this range, the drive is flange-mounted directly on the pump. Due to this low-cost design there is no need for a separate pump bearing.

The town selected four BN 35-6LS pumps. The BN range is the basis for all seepex PC

pumps. The pumps are available in capacity ranges from 0.13 gpm up to 2200 gpm with pressures of up to 720 psi. The 35 frame size selected for Town Branch designates a 20-100 USgpm capacity.

The company recommended that the pump be equipped with new "Smart Conveying Technology" (SCT). This in-house innovation from seepex is characterized by the separation of the stator into two parts and the detachable connection between the rotor and the coupling rod allowing maintenance to be carried out in easy steps, keeping the time and personnel requirements to a minimum.

The pumps are also equipped with TSE temperature controllers, which prevent overheating by shutting the pump off if the temperature reaches unsafe levels.

The outcome is an integrated solution which ensures optimal pump maintenance and is protected against various kinds of damage.

"Compared to the previously used piston pumps, Smart Conveying Technology makes carrying out maintenance and repair work significantly easier," said Mike Smith, Maintenance Supervisor. "The spare parts are much more cost-effective and downtime constitutes a fraction of previous values."



Reprinted with revisions to format, from the May 2012 edition of *WaterWorld*
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KWWOA 2012 TRAINING & EVENT SCHEDULE

Chapter	Date	Training Cost	Location of Training	Type of Training	Hours
Central	August 9	Free to KWWOA Members \$50.00 to Non-Members	Bowling Green Utilities Bowling Green, KY	Confined Space	6
Eastern	August 16	Free to KWWOA Members \$50.00 to Non-Members	London Wastewater Plant London, KY	Confined Space	6
Central	Sept. 19-20	Free to KWWOA Members \$50.00 to Non-Members	Rough River State Park Falls of the Rough, KY	Fall Conference & Golf Scramble Water and Wastewater	12
Eastern & North Central	Oct. 29–31	\$30 for KWWOA Members \$75.00 to Non-Members	Four Points Sheraton 1938 Stanton Way Lexington, KY	Fall Conference Water & Wastewater	18
Western	Oct. 16 & 17	Free to KWWOA Members \$50.00 to Non-Members	Economic Development Building Madisonville, KY	Water and Wastewater	12
Central	December 7	TBD	Mammoth Cave Natl. Park Mammoth Cave, KY	Holiday Dinner Meeting	N/A

* It is the intent of the KWWOA to solicit approval from the Division of Compliance Assistance and the Kentucky Boards of Certification for approval of the hours referenced above. If you need these hours for renewal purposes, you should inquire ahead of time as to whether this approval has been obtained.



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Active and Honorary Membership Application/Renewal Form

—Please check the appropriate boxes and print clearly—

For determination of the chapter you need to join, refer to the list of counties on our website at www.kwwoa.org

☐ - Western
 ☐ - Central
 ☐ - North Central
 ☐ - Eastern
☐ - New Member
 ☐ - Renewing Membership

Name: _____ If Certified, AI No. _____

Home Address: _____ County: _____

City: _____ State: _____ Zip Code: _____

Employed By: _____

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Which Address Should We Use: ☐ - Home ☐ - Business

*Selection of the Email option will ensure that you receive KWWOA information more quickly.

Active Membership ☐ - After February 29, 2012.....\$50.00

Active membership is designed for those who actually hold a valid water or wastewater license and/or who are employed in a water or wastewater utility. This includes pretreatment and/or lab technicians as well. NOTE: Associate Members Should Not Use This Membership Application. A separate application form is available for Associate Membership.

☐ Honorary Membership.....Free

Honorary membership is designed for those who are retired from the water or wastewater field and held an active membership in the KWWOA during the previous calendar year. There is no fee for Honorary membership.

☐ KLA Membership.....\$10.00

Please make check payable to **KWWOA** and forward with the application to the address below. You may also elect to renew online, paying through PayPal at www.kwwoa.org.

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