

# H<sub>2</sub>O Outlook

Kentucky Water & Wastewater Operators' Association, Inc.

## Inside this issue:

2020 KWWOA State Award Winners	Pages 1-4
So, How's Your 2020 Been Going?	Page 4 & 10
Kentucky's Area-Wide Optimization Program	Page 7-9
Operator Certification Update	Page 11
DOW Electronic Submittals	Pages 12-15
A Whole New Direction!	Page 16
KWWOA Chapter Officers	Page 17
2020 Training Schedule Schedule	Page 18
Membership Application	Page 19



## 2020 Membership Renewals

**Individual Membership**  
**\$60.00**

**Associate Membership**  
**\$140.00**

Apply at [www.kwwoa.org](http://www.kwwoa.org) or  
Check Inside For Details

## 2020 KWWOA STATE AWARDS

By Jeremy Woosley, KWWOA Vice-Chairman

As the Vice Chair of the KWWOA, I would like to thank all the members and associates for their patience during the COVID 19 pandemic. This has been a very trying time and we have all made the necessary adjustments to continue providing a high standard of service to the best of our ability. Having said that, I would like to announce the recipients of the 2020 KWWOA State Awards, as selected by the State Awards Committee, which includes all Chapter Vice Presidents, with input from the 2019 State winners.

The Chapter Vice Presidents and I spent two full days touring eligible Plants and Systems, that were nominated for having won their Chapter's Outstanding Plant/System Award. To be eligible for this award, each Plant/System must meet specific criteria which includes:

- Must be in good standing with Division of Water and KWWOA.
- Must have at least two consecutive years of operational records.
- Must have no more than one violation in the past 12 months.
- Must not be a previous year award winner.

It is with great pleasure that KWWOA announces the 2020 KWWOA State Award Winners:

### Outstanding Water System Operations—Hardin County Water District Number 2, White Mills Treatment Plant

White Mills Treatment Plant was constructed in 1990 with a capacity to treat 2.7 million gallons

of water each day through the use of one ClariCone solids contact unit and two gravity flow filters. To meet the ever-growing demand in Hardin County, the plant expanded in 2000 with the addition of two ClariCone solid contact

units and four gravity flow filters to treat a capacity of up to 8.1 million gallons per day.

In October 2001, the plant began operation of a State certified Microbiological Laboratory. In 2018, a complete interior rehabilitation of the facility was completed, which included the stripping and refinishing of all the interior areas and the replacement of all filter media.

The source water at the White Mills Treatment Plant is a confluence of the White Mills Spring and Nolin River. The plant produces around 5.5 million gallons per day, with peak days during the warm summer months, averaging over 7.0 million gallons per day.

The White Mills Plant produces nearly 70% of Hardin County Water District No. 2's demand and proudly serves a large majority of our customers. The plant is staffed by a rotation of nine Kentucky state certified treatment operators and lab analysts, as well as one trainee. Our lab processes over 200 bacteriological samples per



**Glenn D. Dalton, White Mills Water Treatment Complex entrance**

Continued on Page 2

## 63rd Annual KWWOA Conference

April 18-22, 2021

Owensboro Convention Center  
501 West Second Street  
Owensboro, Kentucky

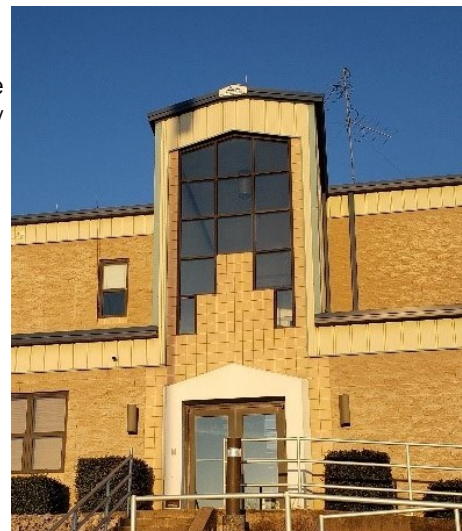
## Article Continued from Page 1

month for surrounding utilities, as well as local businesses and residents. Kelli Lee shared that “Our employees always do a fantastic job keeping our White Mills facility operating at unsurpassable expectations.”

This year will mark the tenth consecutive year that the White Mills Treatment Plant has received AWOP recognition by exceeding the goals set by the Kentucky Division of Water for settled and finished turbidity standards. Hardin County Water District No. 2's White Mills Water Treatment Plant has always upheld the highest quality of water treatment for its customers and proudly serves the counties of Hardin, Hart and LaRue.



Left: Dave Enzweiler talks with Michael Hale at the Glenn D Dalton, White Mills Water Treatment Plant's Lab



Above: Glenn D. Dalton, White Mills Water Treatment Plant

### Outstanding Wastewater System Operations — Hardin County Water District No. 1, Radcliff Wastewater Treatment Plant

The Radcliff Wastewater Treatment Plant was built in 1986 and later expanded in 1997-98. Hardin County Water District No. 1 assumed ownership in 2009 with Veolia Water as the contracted operator. In 2015, Hardin County Water District No. 1 began self-operating.

The Plant is staffed by three certified operators ten hours a day, 365 days a year. Operators Scott Johnson, William Bishop, and Frank Raymer hold Class III wastewater treatment certificates

The Plant averages 2.6 MGD of predominantly municipal wastewater. The plant utilizes the Activated Sludge Process. Daily operations use mechanical rag and grit removal for preliminary treatment. Two Oxidation Ditches, at 1.42 million gallons each, perform nutrient removal. Two secondary clarifiers holding 689,000 gallons are equipped for solids returning and solids wasting. Two Final clarifiers, with a capacity of approximately 65,000 gallons, provide additional settling. Disinfection is performed by a Trojan 3000+ UV system. After an aeration ladder, the effluent discharges to an unnamed tributary of Mill Creek.



Above: Radcliff Wastewater Plant's headworks.





Radcliff WWTP Oxidation Ditch (left) and Lab (right).



Individuals nominated for KWWOA's J.C Chambers (Wastewater), Earl T. Mitchell (Drinking Water) or Eugene Nicholas (Educational) awards must be members in good standing with ten years or more of professional involvement in the water industry, must have demonstrated a commitment to the improvement of the management and technical progression of operations, maintenance and/or water quality. To qualify for the Nicholas award, the individual must also be involved in the educational advancement of water and wastewater operators.



Above: Tyler Bragg, Glasgow Water Company, pictured with Jacob Billingsley during the Central Chapter's Holiday Event

#### J. C. Chambers Award —Tyler Bragg

Tyler has a Class IV Wastewater Treatment license, Class 1 Certified Lab Analyst and 12 years of experience with the Glasgow Water Company. Tyler has an associate degree in Applied Sciences from KCTCS. Tyler is the Lab Supervisor and the primary lab analyst for the Glasgow Water Company's wastewater treatment plant (WWTP). Tyler completes the KPDES permit and the Significant Industrial User sampling, along side the process control sampling for the WWTP. Tyler keeps the QA/QC in check and he makes amendments to and creates the Logbooks for the Certified lab. When Tyler is not working in the lab, he assists the other operators out in the plant.

#### Earl T. Mitchell Award—Justin Spears

Justin Spears is the Assistant Manager with the Scottsville Water Plant. Justin is Class IV Water Treatment Operator, with a BS Degree from Western Kentucky University and 14 years of experience with the Scottsville Water Company. Justin is involved in the day to day operations of the plant and the distribution system. Justin investigates issues within the plant and distribution system and implements necessary solutions to improve water quality. Justin also does a lot for Central Chapter of KWWOA, serving as an officer for the last five years.



Above: Justin Spear, Scottsville Water Plant, pictured with Jacob Billingsley during the Central Chapter's Holiday Event

Article Continued from Page 3

## Eugene Nicholas Award — Bob Cashion

Bob Cashion is the Business Development Manager for S4 Water Sales & Service, LLC. Bob has showed us year after year, his love for the business and his willingness to share with our operators the knowledge he has learned over his long successful career of 40+ years. Bob is a Nationally Certified Water Technologist; he holds Class IV Water & Wastewater Operator licenses in several states and has been providing water and wastewater related training for over 39 years. He has been involved extensively in chemical treatment applications, operations and maintenance issues of filtration systems and water quality assessment projects. He is an active member of AWWA and NRWA and various state associations, including KWWOA. He has a Bachelor of Science degree in Environmental Health & Technology from Missouri Southern State University and is a graduate of the Water & Wastewater Technical College in Neosho, Missouri.



Above: Bob speaking to KWWOA Conference attendees

Congratulations to all the 2020 KWWOA Stare Award winners! All awards will be presented in person by the KWWOA Chairman Don Compton and myself at a later date when the travel restrictions have been lifted.

As Chairman of the Awards Committee, I would like to thank everyone that took the time to submit award nominations to the various Chapters. I would also like to encourage everyone to nominate a system and/or individual during 2020, who demonstrates the characteristics described above for these awards. It is even okay to nominate your own plant or system, as this demonstrates the pride you have in the operation. All Chapter winners then advance for consideration for a KWWOA State Award.

I look forward to seeing everyone at the upcoming training events and until that time, stay safe!

## So, How's Your 2020 Been Going?

By Donald Compton, KWWOA Chairman

I attended my first KWWOA conference in March of 1986 in Owensboro at the Big "E" (Executive Inn). During the opening session, I looked at the head table and thought it would be nice to be the KWWOA Chairman one day. Well after many years of working at the Chapter level, I was voted in as the Vice-Chair, which after a two-year stint, moves up to the Chairman's position.

It was an honor & privilege to succeed Robin Strader in April of 2019 as the incoming Chairman. I was blessed to succeed Robin given her leadership, the great State Board we had in place, plus we had Lisa Detherage, as Member Service's Director. I thought this job will be a piece of cake and should be low stress with simple decisions on events & items that effect the KWWOA. Yeah, sure it was!!!!

Let's go back to the start of 2020. Some of you may not know, but for the last 25+ years I've either coached sports or called sports for a local radio station. It is a passion of mine and I, along with broadcast partner, provide the play by play call for regular season basketball games, just to get to the good stuff, the post season play which includes the Ky Sweet 16, aptly named "the greatest show in hoops". We were working the regional tourney when the buzz about Covid-19 started going around. We finished the regional tournament and made plans for Lexington and during the middle of the Girls Sweet 16, the KHSAA decided to cancel the Sweet 16 tournaments. The Tournament needed to be cancelled, but this hit hard because it was probably my last one for radio. So, how's your 2020 been going?

With the Sweet 16 cancelled, I focused my attention to the SEC hoops tourney in Nashville. This is an event that my wife & I were fortunate to attend for the first time in 2019 and had a blast (even though some Orange team beat the Cats), so we decided to make it an annual trip. We had our room and decided to obtain tickets for this year's event once we arrived in town. With Covid-19 still affecting our nation, we kept a close eye on the news. As we were ready to leave town, you guessed it, the SEC tourney was cancelled. How's your 2020 going?

As you know, "Covid-19" started to hit the nation hard in March of 2020. Based on daily news briefings, it was evident that KWWOA's 63<sup>rd</sup> Annual Conference, to be held at the Galt House, was in jeopardy due to government restrictions and the fact that business' were starting to close and/or restrict travel. Given the rising number of cases and restrictions, a decision had to be made regarding whether to proceed with the Conference. As a result, we had an emergency board meeting on a Saturday afternoon and after a lengthy discussion, it was decided to cancel the conference, so as not to jeopardize our members and their ability to provide clean water to the Commonwealth. So, there you go, the first KWWOA Conference to be cancelled and look who is the Chair, you got it, yours truly!!! Again, how's 2020 going for you?

While cancelling the conference did not result in huge expenditure of funds, as we were let out of a lot of contracts with very little cost, but the fact that we had to return all the revenue for our largest event for the year made a huge financial impact. We even wondered some days if it might not bankrupt the organization. But like a lot of businesses, we have tightened out budget belt and are pinching pennies to continue

Article continued on Page 10





The complexity of modern environmental regulations challenges municipalities and businesses to strike a balance between compliance and the cost of staying competitive. Hall Environmental Consultants ensures all of our customers meet these challenges through the help of our expert, cost-effective consulting services.

#### SERVICES

- \* Pretreatment Program Administration
- \* Pretreatment Compliance Consulting
- \* Wastewater Ordinance Development
- \* KPDES Permitting
- \* Sampling & Analysis
- \* Wastewater Operations Consulting
- \* DMR Reporting
- \* FOG Program Development & Administration
- \* Local Industrial Limits Evaluation
- \* Landfarm Permitting & Reporting
- \* Regulatory Assistance
- \* Groundwater Protection Plans
- \* Environmental Inspections
- \* Storm Water Permitting & Monitoring
- \* SWPPP Plans
- \* SPCC Plans
- \* Toxic Release Inventory Reporting
- \* Tier II Reporting
- \* Flowmeter Installation, Monitoring & Calibration
- \* Environmental Phase I & II
- \* Air Emissions Reporting
- \* Air Permitting

1376 Danville Road Loop # 1  
Nicholasville, KY 40356  
Tel: (859) 885-3331, Fax: (859) 885-4613  
Website: [www.hallenvironmentalconsultants.com](http://www.hallenvironmentalconsultants.com)  
Emails:  
Cyndy Leasor: [cleasor@hallenvironmental.net](mailto:cleasor@hallenvironmental.net)  
Randy Shelley: [rshelley@hallenvironmental.net](mailto:rshelley@hallenvironmental.net)

## Thanks 2020 KWWOA Associate Members!!!

502 Equipment	Kentucky Public Service Commission
A J Enterprises	Kenvirons, Inc.
Advanced Analytical Solutions, LLC	LabtronX
Allied Technical Services, Inc.	LadTech, Inc.
American Development Corporation	Layne - A Granite Company
American Structurepoint	Lewis Municipal Sales
Appalachian States Analytical, LLC	M. L. Johnson Company
Automatic Controls Company	Maryland Biochemical Co., Inc.
Beckman Environmental Services Co., Inc.	Master Meter, Inc.
Beckmar Environmental Laboratory, Inc.	Microbac Laboratories, Inc.
Bell Engineering	Mineral Labs, Inc.
Besco	Moss McGraw Environmental Laboratory, Inc.
Best Equipment Company	Mueller
BL Anderson	Odle, Inc. Coating & Painting
Brown Equipment Company	Pace Analytical Services, LLC
C & S Solutions	Pelton Environmental Products
Cann-Tech, LLC	Phoenix Environmental Engineers, Inc.
Culy Contracting	Preiser Scientific
Dixon Engineering, Inc.	Premier Power
EJ USA, Inc.	ProSource Water Products, Ltd.
ENECON Corporation	Ressler & Associates, Inc.
Engineered Design Solutions, Inc.	Romac Industries
ENVIROSMART	Service Specialties, LLC
Epoxytec International	Sidener Environmental Services, Inc.
Evoqua Water Technologies, LLC	Source Technologies, LLC
FLO-SYSTEMS	Southern Sales
Ford Hall Company, Inc.	SpectraTech, LLC
Fouser Environmental Services	Stanley Black & Decker
Gilson Engineering	Straeffer Pump & Supply, Inc.
GRANITE INLINER	Strand & Associates, Inc.
GRW Engineers	SUEZ Advanced Solutions
Guthrie Sales and Service Co., Inc.	Sullivan Environmental Technologies, Inc.
Hall Environmental Consultants, LLC	The Henry P. Thompson Company
Hexagon Technologies	TNT Technologies, Inc.
Horner Industrial Group	Trumbull
HPP Industrial	Utilities, Inc.
IDEXX Laboratories, Inc.	Utility Solutions, Inc.
Insituform Technologies, LLC	VEGA Americas, Inc.
Instrument & Chemical Services, Inc.	WASCON, Inc.
Jack Doheny Companies	Water Service Corp of KY
Jacobs	Water Solutions Unlimited, Inc.
JAGS Environmental, Inc.	Wet or Dry tank Inspection
Kentucky Engineering Group, PLLC	Xylem

## Kentucky's Area-Wide Optimization Program

By Jackie Logsdon, KY Division of Water

The Kentucky Division of Water (DOW) has participated in the Area-Wide Optimization Program (AWOP) since 1997. Kentucky was among the first of four states in the country along with Alabama, Georgia, and South Carolina to join. AWOP was developed by the US Environmental Protection Agency (EPA) and their contractor Process Applications Inc., in response to the 1993 Milwaukee cryptosporidium outbreak. Drinking water leaders recognized the need to support drinking water systems and promote safer water, beyond regulatory requirements.

AWOP is a multi-state initiative administered by EPA to facilitate drinking water systems in their voluntary efforts to achieve optimization goals that are more stringent than the regulations. Drinking water systems that utilize the AWOP approach and tools increase the level of protection to consumers. AWOP began with an emphasis on turbidity removal optimization and now encompasses the optimization of disinfection byproducts (DBP) control, as well. Looking forward, plans include establishing goals for groundwater systems and systems that utilize membrane filtration. Currently, the program is open to surface water treatment plants, but will expand to all systems in the future.

Optimization goals are achievable and sustainable. They are based on research conducted in both the lab and the field. We know that optimal sedimentation may result in about 94% removal of cryptosporidium, whereas sub-optimal sedimentation results in only about 40% removal. Stable, optimized filters with an effluent turbidity of 0.04 NTU may effectively achieve up to 6 log removal of cryptosporidium, while filters with an effluent turbidity of 0.30 NTU may achieve up to 2.0 log removal. This means that filtered water below the AWOP filter effluent turbidity goal of 0.10 NTU could potentially be as high as 10,000 times safer than filtered water at the regulatory limit of 0.30 NTU!

The AWOP team looks forward to the KWWOA Annual Conference each year because it provides the opportunity to recognize top performers across the state in front of an audience of their peers. With the COVID19 related shutdown, that was not possible this year. Instead, the 2019 Certificates and Awards were mailed out to the deserving recipients, with little fanfare. A blog (<https://kydep.wordpress.com/2020/05/04/kentucky-drinking-water-facilities-recognized/>) was posted to the Energy and Environment Cabinet (EEC) website and shared on the EEC and DOW Facebook pages.

With 2019 closing out another decade of Kentucky AWOP, special recognition was given to the 11 surface water treatment plants that met the turbidity goals and received a certificate for the ten consecutive years of 2010 to 2019. The following water treatment facilities claimed this exceptional distinction:

- Barbourville Water & Electric
- Glasgow Water Company — Plant A
- Hardin County Water District No. 2 —Plant A
- Jackson County Water Association
- Jackson Municipal Water Works
- Jamestown Municipal Water Works
- Lawrenceburg Water and Sewer Department
- Leitchfield Water Works
- Logan Todd Regional Water Commission
- Madisonville Light & Water
- Rattlesnake Ridge Water District

Each year two drinking water treatment plants are presented with an AWOP Champion Award. This award recognizes a small plant and a large plant that had the highest optimization percentages for the three previous years and no violations issued during that time period. The 2019 recipients are:

- Glasgow Water Company's Barren River Lake water treatment plant (plant A) was awarded the 2019 Champion Award for a large drinking water treatment plant (designed to produce 3 million or more gallons of water per day).
- Jackson County Water Association was awarded the 2019 Champion Award for small drinking water treatment plant (designed to treat less than 3 million gallons of water per day).

Ten AWOP drinking water plants earned special recognition for achieving the AWOP turbidity goals 100 percent of the time in 2019:

- Barbourville Water and Electric
- Jackson County Water Association

## Article Continued from Page 7

- Kentucky State Penitentiary
- Laurel County Water District No. 2
- Lawrenceburg Water and Sewer Department
- London Utility Commission
- McCreary County Water District – Plant B
- Monroe County Water District
- Rattlesnake Ridge Water District
- Wood Creek Water District

Thirty-three drinking water facilities received a certificate for meeting the AWOP turbidity goals and criteria in 2019:

- Barbourville Water & Electric
- Bullock Pen Water District
- Cave Run Regional Water Commission
- Central City water & sewer
- Danville City Water Works
- Glasgow Water Company – Plants A & B
- Hardin County Water District No. 2 – Plants A & B
- Hartford Municipal Water Works
- Henderson Municipal Water & Sewer
- Hopkinsville Water Environment Authority
- Jackson County Water Association
- Jackson Municipal Water Works
- Jamestown Municipal Water Works
- Kentucky American Water – Plants B & C
- Kentucky State Penitentiary
- Laurel County Water District No. 2
- Lawrenceburg Water & Sewer Department
- Leitchfield Water Works
- Liberty Water Works
- Logan Todd Regional Water Commission
- London Utility Commission
- Louisa Water Department
- Madisonville Light & Water
- McCreary County Water District – Plant B
- Monroe County Water District
- Ohio County Water District
- Rattlesnake Ridge Water District
- Versailles Water System
- Williamsburg Water District
- Wood Creek Water District

Three drinking water systems received a certificate for meeting the AWOP DBP goals and criteria in 2019:

- Danville Water Works
- Hardin County Water District #2 – Plant B
- Paducah Water

Article Continued on Page 10



A GRANITE COMPANY

Layne, A Granite Company expertly manages water throughout the full lifecycle: well design and construction, pump maintenance and well rehabilitation, and water treatment.

Office Location:

1301 E. Main Street

Louisville, KY 40206

Phone: 502-585-1241

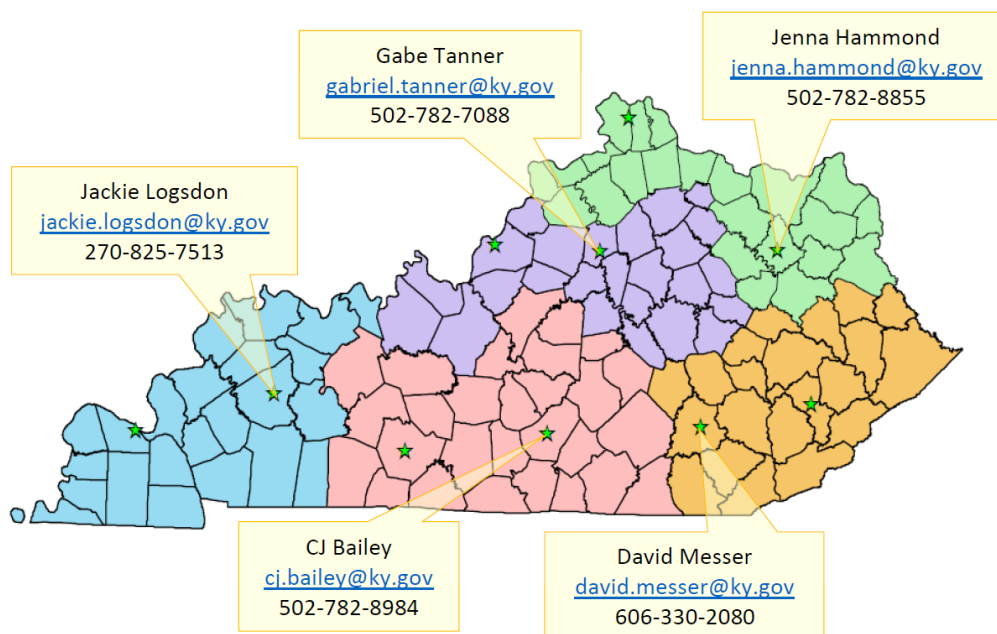
[www.graniteconstruction.com](http://www.graniteconstruction.com)



**SAFETY BY CHOICE**



Congratulations to the outstanding and well-deserving operators of these drinking water treatment facilities! If you are not an AWOP member, we invite and encourage you to join us. Participating in AWOP builds sustainability within your system and provides a compliance safety factor. To sign-up contact your local DOW Technical Assistance personnel listed below.



For additional information about AWOP visit: <https://eec.ky.gov/Environmental-Protection/Water/Drinking/DWProfessionals/Pages/Technical-Assistance.aspx> or contact Jackie Logsdon at [jackie.logsdon@ky.gov](mailto:jackie.logsdon@ky.gov) or 270-825-7513.



Chemicals, Equipment and Service for  
**Safe, Clean Water**



*Celebrating over 80 years of serving our customers!*

## WATER TREATMENT

- Potable Water
- Raw Water Clarification
- Swimming Pools
- Wastewater Treatment
- Bioaugmentation Solutions
- Sludge De-Watering
- Waste Settling Aids
- Collection Systems

## EQUIPMENT

- Chemical Injection Pumps
- Control and Monitoring Systems
- Chlorination Control Systems
- Chemical Feed Equipment

502.695.0536

Frankfort, KY

[www.hawkinsinc.com](http://www.hawkinsinc.com)  
800.328.5460



**Equipment Manufacturer  
Representative & Field  
Service Provider**

**Markets Served**

**Water and Wastewater Treatment  
Potable Water Distribution  
Wastewater Collection  
CSO/SSO Management/Abatement  
SCADA and Telemetry**

**(859) 342-4944 | [www.jagsenv.com](http://www.jagsenv.com)**

Article continued from page 4

low cost, industry related training we have pledged to our members. Now I am not only the Chairman of the first cancelled KWWOA Conference, but an Association with a very limited budget. My low stress position is no more! How's your 2020 going?

In amongst all this chaos, I get a note from Lisa Detherage, our Member Services Director, saying she just needs to discuss something with myself and Jeremy Woosley, the state Vice-Chair. A word of advice, if you ever receive a note like this, destroy it and claim you never got it! LOL! You guessed it, more good news for 2020, as Lisa has decided to retire from KWWOA after 10 years. Now I have the job of replacing the Member Services Director! How's 2020 treating you?

Replacing Lisa was difficult, as you will find no one as dedicated to the Association, and operators in general, as she is. It has been a lengthy process and one that I may have delayed for selfish reasons in an attempt to keep her from leaving, but we have found an individual that knows the industry and our Association well. Adam Scott, has been hired as the new Member Services Director and will begin work immediately with Lisa to create a seamless transition, as we move into a busy summer of training.

I more than anyone hopes the rest of 2020 will bring good news and a return to a "normal" life. I look forward to seeing everyone at our 2020 training events and at the 63<sup>rd</sup> Annual KWWOA Conference in Owensboro, April 18 – 22, 2021.

Note: If something happens to the 2021 conference, I won't be providing a forwarding address!



# **Thornton, Musso & Bellemine**

## **WATER TREATMENT CONSULTANTS**

**P.O. BOX 181 • ZACHARY, LOUISIANA 70791**

## Operator Certification Update

By Amanda LeFevre, Division of Compliance Assistance

As we continue to work through Corona Virus response, the Division of Compliance Assistance (DCA) is working to resume training and testing services to operators while still being protective of operator and employee health. We appreciate your patience as we have had to cancel and reschedule events. Below is an update of what we are doing/planning in the near future. As many of these processes are new and untried, please note that schedules and formats may change as we learn what works, what doesn't and what operators need or prefer.

- **Renewal Deadline:** DCA will continue to monitor drinking water renewal numbers and the availability of online classes to meet renewal needs. Currently, the division has waived late renewal fees through Aug. 31<sup>st</sup> to allow more time for operators to obtain hours without monetary penalty. While technically the licenses will expire if not renewed by June 30<sup>th</sup>, the Kentucky Division of Water is taking the grace period into consideration when it comes to inspections and alternate staffing plans through that time.
- **User Survey:** DCA will be issuing a survey in the near future in regards to renewal status and preference for online courses. We will distribute this through our blog, our current contact list and ask partner organizations to send out to their membership. It will also be posted on our website.
- **Online Training:** As indoor, group activities such as our training courses still carry risk, the division will seek to use online methods of education delivery until the situation allows us to safely resume some form of in-person instruction. The division anticipates offering online education services beginning in July and will likely use that format for the foreseeable future.
- **CEU Class Enrollees:** DCA is rescheduling those who have enrolled in continuing education courses that were to be held June 16-17 and June 24-25. The Division is working on providing online substitutions for these before Aug. 31 when the renewal waiver is currently set to expire. Staff will contact those enrolled soon with details.
- **New Training Schedule:** DCA will issue a new training and testing schedule in the near future. Because we are training online, the division may change the traditional time format of classes. For instance, our certification courses, which are typically held over 3 days with 6-hours of training per day, may be changed to 4-5 days of 3-4 hours of online instruction.
- **Testing:** DCA is looking at ways to safely resume operator exams. Please be patient as there is a backlog of people who need testing services, but our ability to test in large numbers is limited. The division is looking at events in Frankfort initially and expanding in areas across the state as we identify testing locations and outline procedures to conduct exams safely. Look for more information about testing in late June and early July.
- **License Application and Class Registration-** As soon as our new training schedule has been created and testing events scheduled, DCA will resume taking class registrations and license applications.

Once again, thanks for your continued patience as we alter operations to protect the health of those conducting and participating in our services. Please watch our website (<https://eec.ky.gov/Environmental-Protection/Compliance-Assistance/operator-certification-program/Pages/default.aspx>) for updates.

 <p>103 Fieldview Drive Versailles, KY 40383 (859) 873 - 3331 Office (859) 983 - 6217 Cell</p> <p>Contact: Todd Stephens or Mark McFarland</p> <p><u>Visit Our Website At</u> <a href="http://www.haresource.net">www.haresource.net</a></p>	<p><b>RESOURCE MANAGEMENT</b></p> <ul style="list-style-type: none"> <li>• Mobile Belt Press Dewatering</li> <li>• Lagoon Cleaning</li> <li>• Digester/Tank Cleaning</li> <li>• Dredging</li> <li>• Land Application</li> <li>• Permitting/Reporting</li> <li>• Sampling/Analysis</li> <li>• Belt Press Sales/Rental</li> </ul>
--	---

 <p><b>WATER SOLUTIONS UNLIMITED</b></p> <p><b>Denver Blain Sr.</b> WATER QUALITY SPECIALIST</p> <p>Home Office Leitchfield, KY 42754 Cell: (270) 589-1706 Fax: (866) 723-0673</p> <p>Email: <a href="mailto:dblain@getwsu.com">dblain@getwsu.com</a></p>	<p><a href="http://getwsu.com">getwsu.com</a> 1-800-359-3570 P.O. Box 157 8824 Union Mills Drive Camby, IN 46113</p> <p>Main Office Phone: 317-736-6868 Fax: 317-736-4322</p>
---	---



## Implementing Electronic Submittal during a Pandemic

By Alicia Jacobs, Division of Water

The year of 2020 has been an exceptional one for everyone across the nation, with the COVID-19 pandemic. The Kentucky Division of Water's Drinking Water Branch (DWB) faced many challenges as the pandemic struck. We had to work to transition staff to telecommuting. This meant replacing an entirely office-based process of receiving and processing compliance data for an unknown period. We strategized how to maintain compliance data submittal processing and data entry under these new working conditions. Public water systems concurrently voiced concerns about ensuring the DWB received compliance data. With support from the Cabinet, we were able to quickly develop and implement eForm 169 – the Drinking Water Information and Data Submittal eForm for electronic submittals (form and access instructions included within this article).

The DWB worked with volunteers from public water systems and Kentucky Rural Water Association (KWRA) staff for an expedited pilot test and announced the eForm on April 8th. Since then KWRA has hosted three online training sessions, allowing operators to participate in online training while complying with social distancing restrictions. During May, the Division had over 300 electronic compliance data submittals! We also experienced a noticeable decrease in paper mail. While there have been some bumps in the road with a new process, the feedback has been exceedingly positive.

The continued success of the Drinking Water Information and Data Submittal eForm for electronic submittals isn't possible without the cooperation and support from all of our partners in and outside of public water systems. We appreciate the training support, technical assistance support, and especially the considerate, thoughtful feedback provided by Kentucky's drinking water community. The DWB looks forward to the continued future of modernizing the compliance process for public water systems in Kentucky.

We acknowledge and thank all of our partners who have continued the mission of providing clean drinking water to the citizens of the Commonwealth during these challenging times.

DIVISION OF WATER DEPARTMENT FOR ENVIRONMENTAL PROTECTION ENERGY AND ENVIRONMENT CABINET			
<b>DRINKING WATER INFORMATION AND DATA SUBMITTAL (Version 1)</b>			
(*) indicates a required field; (✓) indicates a field may be required based on user input or is an optionally required field			
Public water system identification number (PWSID) :(*) <input type="text" value="KYXXXXXXX"/>		Agency Interest # (AI): <input type="text" value="AI Number"/>	
<b>Facility Information</b>			
Facility Name(*) <input type="text"/>			
Facility Address(*) <input type="text" value="Address"/>	City: (*) <input type="text" value="City"/>	State: (*) <input type="text" value=""/>	Zip Code: (*) <input type="text" value="#####"/>
<b>Submittal of Report By:</b>			
Company/Affiliation Name: (*) <input type="text" value="Company Name"/>		Phone Number(*) <input type="text" value="### ##"/>	
Contact Person First Name(*) <input type="text" value="Company Name"/>	M.I. <input type="text"/>	Contact Person Last Name(*) <input type="text" value="Last Name"/>	
E-Mail Address(*) <input type="text" value="username@domain.type"/>		Alternate E-Mail Address <input type="text" value="username@domain.type"/>	
<b>File Uploads</b>			
File Uploads :(*)		<input type="button" value="Upload file"/>	
<input type="button" value="Click to Save Values for Future Retrieval"/> <input type="button" value="Click to Submit to EEC"/>			

Outlined below are the instructions for creating an account on the Kentucky Online Gateway (KOG). This account allows you to submit electronic documents to the Kentucky Divisions of Water and Compliance Assistance, Operator Certification Branch. If you do not have a KOG account it is highly suggested that you create one.

## Drinking Water Information and Data Submittal User Instructions (Form 169)

Version: 1.4, 4/6/2020

### Important Notes: Please read carefully prior to submission

The *Drinking Water Information and Data Submittal eForm* (Form 169) is for the submission of any and all Drinking Water data. This eForm was created to provide Public Water Systems (PWS) and their Laboratories with an online solution to reporting compliance data that is usually submitted as a paper document through the mail.

The following instructions are for completing the *Drinking Water Information and Data Submittal eForm*. The Information and Data submittal eForm is available on the EEC eForms application, which requires a Kentucky Online Gateway (KOG) account. The next page will offer some assistance in setting up a KOG account.

The EEC eForms application is not the same application as the DEP ePortal. **If your PWS or your Laboratory has been submitting compliance data through the DEP ePortal site, please continue to do so. This eForm is not a replacement for that service.**

It is important to note that any uploaded documentation that would normally receive a signature is submitted with its signature. Electronic signatures in Adobe Acrobat or Microsoft Office programs are acceptable. If you cannot sign electronically, the document should be printed, signed, and scanned for upload. The eForm does not act as a signature. **Assistance on how to provide an electronic signature can be found [here](https://kygis.maps.arcgis.com/apps/MapSeries/index.html?appid=3318f918def64bbd9de34b032abed2fb).** (<https://kygis.maps.arcgis.com/apps/MapSeries/index.html?appid=3318f918def64bbd9de34b032abed2fb>)

The following naming convention should be used for your File Uploads below to expedite the Drinking Water Branch's review process:

- PWSID\_DOCTYPE\_MMY PLANTID (If applicable)
- Example: KY0000001\_MOR\_0320\_A

Some examples of a DOCTYPE include: MOR, CCR, PN, DBP, RAD, TOC, BACT, etc.

Article continued from page 13

For more information about the Kentucky Online Gateway (KOG), please visit:

<https://kog.chfs.ky.gov/public/learnmore>.

For information concerning KOG account creation, please visit: <https://kog.chfs.ky.gov/public/FAQ>

For information about EEC eForms, please visit:

<https://dep.gateway.ky.gov/eForms/Account/HelpCenter.aspx>

### EEC eForms – Account Creation/Sign on

- EEC eForms home page is located at <https://dep.gateway.ky.gov/eForms/Account/Home.aspx>
- You may navigate to the eForms Home, Contact Us, and Help Center pages without an account. To submit information to our agency, you must first register a KOG account.
- If you already have an account, continue to the next section “EEC eForm – Finding and Creating a new Form”, this step will require you to sign into your KOG account if you are not already signed on.
- You may create a KOG account by clicking the request account from the home page, or by using this link: <https://kog.chfs.ky.gov/public/requestaccount/>
- After you have registered your KOG account, you will need to sign into the account before proceeding to EEC eForms.
- Once you are logged into KOG, return to EEC eForms using the following link: <https://dep.gateway.ky.gov/eForms/Account/Home.aspx>

### EEC eForm – Finding and Creating a new Form

- From the EEC eForms page, select “Forms” menu from the blue ribbon at the top of the page
- The *Drinking Water Information and Data Submittal Form* can be found within the “List of available eForms”
- You may choose to Search for the eForm in the “Form Name” field within the list or you may choose to search for the eForm by the Form Id, 169
- To search for the eForm by the Form Id, 169, type 169 into the “Form Id” field and click on the Filter icon next to the field
- Select “EqualTo” in the dropdown menu
- When the *Drinking Water Information and Data Submittal Form* has been located, click the + to the left of the title, under the “Add Form” column

### eForm Screen – Facility Information

- Once you have opened the *Drinking Water Information and Data Submittal Form*, you may begin by entering in the PWSID in the top-left field
- The form will begin to auto-populate the **Facility Information** based on the PWSID once you press Tab or clicking out of the field.
- Most of the Facility Information should be filled out for you; however, you should review this information before proceeding to the **Submittal of Report By Section**



**eForm Screen – Submittal of Report by Section**

- The **Submittal of Report By** section is a required section that should contain the contact information of the data provider and eForm user.

**eForm – File Uploads**

- The **File Uploads** section of the eForm is the section where you will be able to upload the facility's documents
- Click on the "Upload file" button and navigate to the location of the desired document to submitted
  - **Please ensure that the submitted documents are only in .PDF, .XLS, or .XLSX format.** You will be unable to submit documents that are not one of these three formats

**Submitting the eForm**

- If you are finished completing the eForm, select the "Click to Submit to EEC" button
- If you would like to return to this eForm and complete it at another time, select the "Click to Save Values for Future Retrieval" button
  - Please note, by choosing this option, any file uploads made on the eForm will be lost and will need to be uploaded again before selecting the "Click to Submit to EEC" button

**Forms Screen – Form Details**

- After submitting the eForm to EEC, you will return to the Forms screen. The first box displayed is the Form Details box, which contains information pertaining to the eForm that was submitted. This information will also be available through your dashboard, but it is recommended to keep a copy for your records.
- Once you have submitted this eForm previously, you may select your submission from your User Dashboard under "Completed Forms".
- After you select your submission from the list, you may select the option "Create a new eForm with values from this previously saved/submitted eForm" to create a new eForm that is auto-populated with your previous submission's information.



## A Whole New Direction!

By Lisa Detherage

You just never know where life is going to take you. You have a plan and then “poof” it changes on a dime! Back in February, I was cruising along. I told the KWWOA State Board of my plans to retire, I was wrapping up preparations for the 63<sup>rd</sup> Annual KWWOA Conference and prepping for the Western Chapter’s May training event. Then a little thing called COVID-19 came barreling into our lives and life as we knew it came to a screeching halt! All my plans and that of the Association, went out the window very quickly!

This pandemic has brought to many a panic over the lack of daily supplies, the inability to secure services we needed and/or enjoyed, restrictions on our ability to travel and in some cases earn a living, severe illness and/or the death of people we know and love, and a general questioning of where is this all going to lead.



While there is a lot of “bad” associated with this pandemic, I think we have and will continue to learn some important life lessons from our quarantine. Most people feel that our world spins faster and faster each day. Most days, we are running on fumes and feel just as tired when we start our day, as when we went to bed the night before. I certainly felt this way and it was in part why I elected to “retire” again. The funny thing is that COVID-19 ruined my little plan of what the rest of the year was going to look like. It has taken on a whole new direction and perhaps, that is what I needed.

- Maybe I needed to slow down and reassess what is and is not important in life? I certainly have had the time to do that inside the four walls of my house!
- Perhaps, I needed to learn how to mix up my own cleaning solution from stuff within my house, versus running to the store to buy Clorox wipes.
- Perhaps, I needed to be reminded of all the blessings I do have and not what I am missing out on.
- Instead of running at break neck speed to pull off the training events we had planned, perhaps I needed extra time to prepare for a seamless transition to KWWOA’s new Member Services Director.
- Maybe Mike and I needed to Facetime with our daughters and son-in-law, in three different states, and belly laugh at all the silly stuff we came up with to talk about.
- Perhaps I needed a little more time to talk with the KWWOA State and Chapter officers, as we worked to navigate this pandemic and reschedule multiple training sessions and events.
- Perhaps I needed to learn how to use the Kroger Clicklist app, so I don’t spend unnecessary time at the grocery, much less buy way more than I need. Perhaps I needed to be thankful that I was able to purchase my groceries this way, versus risking exposure to myself to someone that might be ill (after all, I will soon fall into that “vulnerable age category”!).
- Perhaps, I needed to sit on the back porch, multiple days, and listen to it rain and contemplate the beauty of everything that was blooming.
- Perhaps I needed to appreciate the fact that I still buy for a family of four, even though the girls are gone, and that I already had a stockpile of toilet paper!

As most of you know, I could go on for days, but I think you get my point. Maybe the pandemic was an opportunity for us to slow down and contemplate what is and is not important in life. Hopefully, our citizens have done the same as they have watched Kentucky’s water and wastewater, “Essential Workers,” continue to work, even in a pandemic! Let’s certainly hope so! Just imagine if their water had dried up like Clorox Wipes and toilet paper!

Well as this old girl continues to contemplate the blessings in her life, let me thank each of you for the joy you have brought into mine the past 9 1/2+ years. What great friendships I have established or rekindled during my tenure with KWWOA! I will forever be in awe of and appreciate the work that each and every one of you do on a daily basis to protect my health and well-being, as well as that of the entire Commonwealth. Thanks again for your support, loyalty and patience with me over the years! My hope is that this is not goodbye, but that I will get to see you all again down the road! Until then, stay safe and keep joy in your heart!

## KWOWA Chapter—Do You Know Your Chapter Officers?



**Eastern Chapter Counties:** Bath, Bell, Boyd, Breathitt, Carter, Clay, Elliott, Fleming, Floyd, Greenup, Harlan, Jackson, Johnson, Knott, Knox, Laurel, Lawrence, Lee, Leslie, Letcher, Lewis, Magoffin, Martin, Menifee, Montgomery, Morgan, Owsley, Perry, Pike, Powell, Rockcastle, Rowan, Whitley and Wolfe.

Officers: James Poindexter	President	606-864-7611	jamesepoindexter@yahoo.com
Phil Adkins	Vice President	606-548-3465	padkins@mupb.com
Tim Goble	Secretary /Treasurer	606-226-3554	tingoble.pcuc@gmail.com
Roy Gray	Water Rep	606-596-0296	manchesterwtp@yahoo.com
Chris Maloney	Wastewater Rep	606-585-3690	hcwwtp@mswatersewer.com

**North Central Chapter Counties:** Anderson, Boone, Bourbon, Boyle, Bracken, Campbell, Carroll, Clark, Estill, Fayette, Franklin, Gallatin, Garrard, Grant, Harrison, Henry, Jessamine, Kenton, Lincoln, Madison, Marion, Mason, Mercer, Nicholas, Owen, Pendleton, Robertson, Scott, Shelby, Spencer, Trimble, Washington, and Woodford.

Officers: Matt Piccirillo	President	859-441-0482	picciril@nkywater.org
Dave Enzweiler	Vice President	859-547-6658	adaevie@gmail.com
Brennan Browning	Secretary	859-441-0482	Bbrowning@nkywater.org
Nathan Hodges	Treasurer	859-322-9656	nhodges@nkywater.org
Brian Bourne	Water Rep	502-229-2396	BBourne@fewpb.com
Brian Gatewood	Wastewater Rep	859-609-1539	brian@jagsenv.com

**Central Chapter Counties:** Adair, Allen, Barren, Breckinridge, Bullitt, Butler, Casey, Clinton, Cumberland, Edmonson, Grayson, Green, Har-  
din, Hart, Jefferson, Larue, McCreary, Meade, Metcalfe, Monroe, Nelson, Oldham, Pulaski, Russell, Taylor, Warren, and Wayne.

Officers: Jacob Billingsley	President	270-670-3751	jbillingsley@glasgowh2o.com
Justin Spears	Vice President	270-237-0874	justin.spears@topper.wku.edu
Corey Bond	Secretary/Treasurer	270-737-7733	corey.bond@elizabethtownky.gov
David Poole	Water Rep	270-617-1309	dpoole@graysonwater.com
Bradley Johnston	Wastewater Rep	270-422-3025	rosemaryjohnston@two.com
Chris Gohman	Director of Water	270-862-4340	cgothman@hcwd.com
Tyler Bragg	Director of Wastewater	270-678-4283	tbragg@glasgowh2o.com

**Western Chapter Counties:** Ballard, Caldwell, Calloway, Carlisle, Christian, Crittenden, Daviess, Fulton, Graves, Hancock, Henderson, Hick-  
man, Hopkins, Livingston, Logan, Lyon, Marshall, McCracken, McLean, Muhlenberg, Ohio, Simpson, Todd, Trigg, Union, and Webster.

Officers: Leslie Rogers	President	(270) 484-1454	leslie.rogers.ext@suez.com
Daniel Lancaster	Vice President	(270) 887-1680	dlancaster@hwea-ky.com
Darran Rankin	Secretary/Treasurer	(270) 444-5581	drankin@pwwky.com
Nikki Chambers	Water Rep	(270) 498-0660	nchambers@hwea-ky.com
Bobby Hewgley	Wastewater Rep	(270) 724-4840	bobby.hewgley@hkywater.org



## KWWOA 2020 TRAINING & EVENT SCHEDULE

Chapter	Date	Training Cost*	Location of Training	Type of Training**	Hours**
Central	July 15-16	<b>Class closed—Filled to capacity</b>	Hardin County Water Dist. No. 2 Elizabethtown, KY	Trenching & Shoring	12
Eastern	July 30 - 31	Free—KWWOA Members \$100.00—Non-Members	London Wastewater Plant London, KY	Water and Wastewater	12 DW & 6 WW
Western	Aug. 1	<del>\$180.00—Members &amp; Non-Members</del>	<del>KY Dam Village State Resort Park Gilbertsville, KY</del>	<del>Booth—Exhibit Show</del>	<del>N/A</del>
Western	Aug. 4-5	<del>\$30.00—KWWOA Members \$125.00—Non-Members</del>	<del>KY Dam Village State Resort Park Gilbertsville, KY</del>	<del>Water and Wastewater</del>	<del>8</del>
North Central	Aug. 12	Free—KWWOA Members \$75.00—Non-Members	VFW Frankfort, KY	Water	6
Eastern	Aug. 19–20	Free—KWWOA Members \$75.00—WW Non-Members \$100.00-DW Non-Members	Mountain Arts Center Prestonsburg, KY	Water and Wastewater	6 WW & 12 DW
Central	Sept. 22	\$60.00—Members & Non-Members	Lafayette Golf Club Falls of the Rough, KY	Golf Scramble	N/A
Central	Sept. 22-23	Free—KWWOA Members \$100.00—Non-Members	Rough River State Resort Park Falls of the Rough, KY	Water and Wastewater	12
Western	October 15	Free—KWWOA Members \$75.00—Non-Members	Murray State Uni. Reg. Campus Hopkinsville, KY	Water & Wastewater	6
Eastern & North Central	Oct. 20	\$150.00—Members & Non-Members	Clarion Hotel Lexington, KY	Booth—Exhibit Show	N/A
Eastern & North Central	Oct. 20-21	\$30—KWWOA Members \$100—Non-Members	Clarion Hotel Lexington, KY	Water and Wastewater	12
Central	October 22	\$100—KWWOA Members \$150—Non-Members	Brooks Electric Brownsville, KY	Motor Controls Workshop (Multi-meter for all attendees)	6 DW & WW
Eastern	Nov. 12	Free—KWWOA Members \$75.00—Non-Members	Morehead Utility Maint. Dept. Morehead, KY	Wastewater	6
Central	Dec. 3	Free—KWWOA Members	Mammoth Cave National Park Mammoth Cave, KY	N/A	N/A

\*It is the intent of the KWWOA to solicit approval from the KY Division of Compliance Assistance for the training type and hours referenced above prior to the class. If these hours are needed for renewal, you should inquire ahead of time as to whether approval has been received.



*"Working Together to Preserve the Environment and Future of the Water  
and Wastewater Operator"*



## 2020 Operator Membership Application/Renewal Form

**—Please check the appropriate boxes and print clearly—**

Refer to the list of counties on our website at [www.kwwoa.org](http://www.kwwoa.org), to determine which Chapter serves your area.

☐ – Western

☐ – Central

☐ – North Central

☐ – Eastern

☐ – New Member

☐ – Membership Renewal

Name: \_\_\_\_\_ Agency Interest No. \_\_\_\_\_

Home Address: \_\_\_\_\_ County: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Employed By: \_\_\_\_\_

Business Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone: (Home) (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ (Business) (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

Email: (Home or Business) \_\_\_\_\_

Where would you prefer to receive KWWOA information/training announcements ? ☐ – Home ☐ – Business

If a valid email is provided, it will be utilized to ensure that you receive KWWOA information more quickly.

**NOTE: Associate Members should not use this form. Associate Membership Applications may be found at [www.kwwoa.org](http://www.kwwoa.org).**

**Active Operator Membership** ☐ **Postmarked March 1, 2020 & after ..... 60.00**

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 administrative staff, pretreatment and/or lab technicians as well.

☐ **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**

This fee is in addition of the Active Membership fee above.

**TOTAL** \_\_\_\_\_

Please forward this application and a check or money order, payable to **KWWOA**, to the address below. You may also elect to renew online, paying through PayPal at [www.kwwoa.org](http://www.kwwoa.org).

KWWOA  
P.O. Box 700  
Lawrenceburg, KY 40342

## KWWOA STATE BOARD

Donald Compton, Chairman  
donaldc@wasconinc.com

Jeremy Woosley, Vice-Chairman  
jwoosley@graysonwater.com

Lori Simpson, Secretary  
simpson@nkywater.org

Julie Duncan, Treasurer  
watergirl@kih.net

Brian Bourne, Rep., NCKWWOA  
BBourne@fewpb.com

Brian Gatewood, Rep., NCKWWOA  
brian@jagsenv.com

Chris Maloney, Rep., EKWWOA  
hcwwtp@mswatersewer.com

Roy Gray, Rep., EKWWOA  
Roy.Gray@ky.gov

Bradley Johnston, Rep., CKWWOA  
rosemaryjohnston@twc.com

David Poole, Rep., CKWWOA  
dpoole@graysonwater.com

Bobby Hewgley, Rep., WKWWOA  
bobby.hewgley@hkywater.org

Nikki Chambers, Rep., WKWWOA  
nchambers@hwea-ky.com



For information, comments or  
questions regarding KWWOA or  
this newsletter, contact:

Member Services Director:  
Adam Scott

Mailing Address:

KWWOA  
P.O. Box 700  
Lawrenceburg, KY 40342

Phone Number: 502-352-0510

Email Address: [info@kwwoa.org](mailto:info@kwwoa.org)

Website: [www.kwwoa.org](http://www.kwwoa.org)

KWWOA  
P. O. Box 700  
Lawrenceburg, KY 40342



The C-Press is the latest  
result of more than 20 years  
of experience. Its uniquely

compact design and  
purpose-developed features  
enable easy, operator free

sludge dewatering operations  
together with low energy and  
maintenance costs.

**ANDRITZ**  
ANDRITZ.COM

  
**Sullivan**  
Environmental Technologies  
Dan Sullivan  
(859) 426-5178