

Welcome Kentucky Water and Wastewater Operators Association

## **CONVENTION CENTER**

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63RD ANNUAL CONFERENCE AWARDS & HIGHLIGHTS

**UPCOMING TRAINING EVENTS** 

Association Updates New Membership Cards New Vice Chair

## Update from Member Services Director

Adam Scott

What a year we have had in our Association!! It has truly been an experience. Having taken over as the Member Services Director in June of 2020, we were just grasping the impacts and uncertainties of COVID-19. Canceling our Annual Conference in 2020, was not ideal for our membership. After that, no one was certain what was instore for KWWOA for the rest of 2020 and 2021. But less than a year later, we were able to hold our 63<sup>rd</sup> Annual Conference in Owensboro, Kentucky. And what a conference it was (check out the pictures later in the newsletter).

Over the past year, we had to make some changes. Some of those you have seen and some of those you have not, but will. We've said goodbye to our previous Chair, Don Compton, and welcomed our new Chair, Jeremy Woosley, and Vice-Chair, Alan Todd. Don't worry, Don will still be around and looks forward to seeing you all. As for Jeremy, he has hit the ground running and with the help of Alan, we will continue to grow the Association.

- We embraced and learned how to offer our membership online training via ZOOM. While I might be a little "zoomed" out, it was a great medium to continue to offer training. I know several of you would like for that to continue and the State Board has discussed how to balance online training with in person events.
- Along the same lines of online training, we are updating and modifying our website to allow for more access by the individual chapters. You can now find information for individual chapters at kwwoa.org. On top of the page, you will find CHAPTERS in the header. Hover your mouse over CHAPTERS and a dropdown will appear. Select your chapter, see what they have going on.
- You will also start seeing emails from your chapter. Some of you might have already gotten a few. We now have email accounts for all of the chapters.

<u>eastern@kwwoa.org</u> <u>central@kwwoa.org</u> <u>northcentral@kwwoa.org</u> <u>western@kwwoa.org</u> <u>kla@kwwoa.org</u>

- NEW MEMBERSHIP CARDS are on the way. KWWOA will no longer be providing paper annual cards. We have switched those out with plastic cards that have your AI#, Licenses with Number, and QR codes for kwwoa.org and checking your hours. I know several of you had concerns not receiving your membership cards, but we wanted to provide you with the best product we could. You will not receive a new card annually. However, you will have an option to request a new one.
- We have scheduled our 64<sup>th</sup> Annual Conference for May in Owensboro. Having had our 2021 in Owensboro, the board decided to return. If you weren't able to attend the past June, you will thoroughly enjoy the venue, the hotels, Owensboro, and Axe Throwing. That's right, it right across the street.

Finally, I want to say that I am extremely proud to be a part of KWWOA. We have a lot more in store, and we want to hear from you. If you have ideas or suggestions, please let us know. We want to serve our membership and continue to meet your needs. Please feel free to share.

I look forward to hearing from you all and seeing you at our upcoming training events!



## **KENTUCKY WATER & WASTEWATER OPERATORS ASSOCIATION**

## State Board Officers

Jeremy Woosley, Chairman jwoosley@graysonwater.com

Alan Todd, Vice-Chairman atodd@madisonvillegov.com

Lori Simpson, Secretary simpson@nkywater.org

Julie Duncan, Treasurer julie@kwwoa.org

Josh Adams, Rep., NCKWWOA jadams@fewpb.com

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

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

Roy Gray, Rep., EKWWOA roylgray@yahoo.com

Jacob Billingsley Rep., CKWWOA jbillingsley@glasgowh20.com

Chris Gohman, Rep., CKWWOA cgohman@hcwd.com

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

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

### **Chapter Presidents**

Justin Spears, Central Chapter City of Scottsville justin.spears@topper.wku.edu

James Poindexter, Eastern Chapter London Utility Commission jpoindexter1@icloud.com

Carl Groce, North Central Chapter City of Frankfort cgroce@frankfort.ky.gov

Les Rogers, Western Chapter Suez leslie.rogers@suez.com

Robin Strader, KLA City of Leitchfield rdstrader69@outlook.com

## 2021 Membership

## Individual Membership \$80.00

Associate Membership \$180.00



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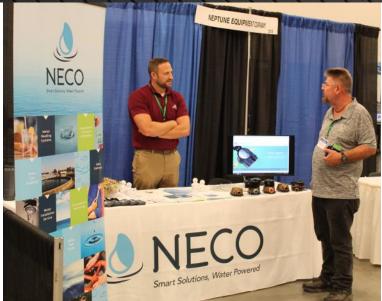




Volume 1, Issue 32



## JUNE 27-30, 2021 OWENSBORO CONVENTION CENTER OWENSBORO, KY

















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David Thornton 225-654-4955 or David@tmbwater.com

Randy Bush 850-293-0219 or Randy@tmbwater.com

Rory Bush 859-241-3624 or rory@tmbwater.com

### Congratulations to the 2021 KWWOA State Award Winners!

It was once again a fun time getting together with all the chapter Vice's and hitting the road to do the tours of the 2020 plant/system nominees. We decided to get them all done in one day and what a long day of driving it was! I have always enjoyed getting to see different operators, facilities, and systems across the state in my tenure as Vice Chair. 2020 was a little off due to travel restrictions at some facilities but I know we will have many more nominees for the 2021 awards selection. I know the new Vice Chair looks forward to seeing you all out there. Please be sure to nominate your plant or system!!! It is my honor to announce the 2020 KWWOA Award winners.

Outstanding Drinking Water System Operations: Hopkinsville Moss Drinking Water Treatment Plant

The Moss Water Treatment Plant is located on the northeast side of the City of Hopkinsville, on Metcalfe Lane and is named after the previous General Manager of HWEA, McKenzie Moss. Construction of the plant began in 1995 and the plant went online producing water in May 1997. In 2012 the plant was expanded and renovated. Currently the plant has a design capacity of 15 million gallons per day. The treatment plant serves drinking water to Hopkinsville, Pembroke, Crofton and the Christian County Water District. The plant processes raw water from Lake Barkley in a 27mile pipeline to Hopkinsville. HWEA



also maintains a separate raw water supply at its North Quarry. The Lake Barkley raw water intake and pipeline has a capacity of 20 MGD, projected to meet the needs of Hopkinsville - Christian County over the next 50 years.

Listed below are the stages of treatment:

1. Coagulation: Raw water treated with aluminum sulphate, carbon, potassium permanganate, and chlorine flows through a static mixer vault so that larger solids can form for the settling process.

- 2. Clarification: Treated water passes through while the sludge blanket and solids begin to settle out.
- 3. Filtration: Remaining solids are filtered out using dual media filters (anthracite and sand).
- 4. Disinfection: Filtered water is chlorinated and fluoridated before leaving the plant.
- 5. Corrosion control: Treated water is dosed with caustic soda and polyphosphate to reduce corrosivity.

Water quality monitoring is an important part of the treatment process. Parameters such as pH, turbidity, and free and total chlorine are checked through the plant every 4 hours. Hardness, alkalinity, iron, manganese, and fluoride levels are checked daily on the raw and finished water. Bacteriological monitoring, which consists of 50 samples a month taken on the distribution system as well as numerous process control samples, is performed on-site in our state certified bacteriological laboratory

#### 2021 KWWOA State Award Winners Continued

#### Outstanding Wastewater System Operations: Glasgow Water Co Waste Water Treatment Plant



The WWTP has a design biological capacity of 4MGD and a Hydraulic Capacity of Clarifiers around 14 MGD, with extra storage in an Equalization Basin. The plant is operated M-F from 7:00-3:30 and 4 hrs. on the weekend. SCADA is built in with alarms that alert the operators if failure occur.

The WWTP was built in 1962 with upgrades in 1977,1995, 2011, 2015, and 2016. The headworks consist of 2 Parkson Aqua Guard Perforated Plate Screens with a smith and loveless Pista Grit unit. The INF station consist of two 83hp and two 35hp Flyt Submersible pumps (2015). The plant consists of 7 aeration tanks all tied into manifold coming from the RAS, EQ, and INF lines. The aeration is measured with D.O & ORPS probes to drive the VFD's tied into 200hp electric motors coupled to Multistage Centrifugal Blowers. The flow goes from the aeration tanks to two newly constructed (2015)1 MGD Circular Clarifiers. We have 4 Gorman Rupp RAS pumps and 2 Vogelsang WAS Pumps that pull from a flooded suction wetwell located between the clarifiers. The effluent flow is disinfected with Peracetic Acid. If a heavy rainfall event occurs the plant is equipped with a 7MGD EQ Basin. The plant runs off the city electric but also has electric switch gear which is tied into another electric company and a methane powered generator. The plant is lab certified and runs all KPDES samples except for the WET Testing. Most of the equipment at the WWTP is tied into a SCADA system along with a camera system that covers the property. The plant employees attend many trainings and the state school annually. The WWTP is ran by 5 Class 4 WWTP operators, 3 Full Time /2 Part Timers. The plant also has 3 Class 1 ABC Lab Certified Analyst.

#### 2021 KWWOA State Award Winners Continued

#### J.C. Chambers Award

Any person being nominated for this award must be a member of the KWWOA 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.

#### J. C. Chambers Award Winner: Adam Headrick



#### Class IV WW Operator & Class 1 ABC Lab Certified

Graduate from Barren County High School in 2008 He has assisted with the CKWWOA Scramble and other trainings with his coworkers in the past. He has been active in attending trainings the KWWOA has offered in the past and thinks highly of the organization.

Adam is Class 1 Lab Certificated and a Class 4 WW Operator at the WWTP. He completes and keeps records of all the plant equipment maintenance at the WWTP. He helps in the Certified Lab when needed and completes the ongoing monthly audits in the lab. He gets rounds at the plant daily checking on pumps, recording flows, inspecting chemical feed systems, observes wet-well conditions and changes out flow charts. Adam is not bound to just these tasks, he can also run the press to waste solids, operate the skid steerer or backhoe if needed and he helps keep the grounds up during the growing season.

#### **Eugene Nicholas Award**

Any person being nominated for this award must be a member of the KWWOA 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, with the emphasis/involvement being on the advancement of water and/or wastewater operator education.

#### Eugene Nicholas Award: Kevin Shaw

Kevin is the current District Manager for the Grayson County Water District. Kevin started his career off as a WW Operator in a small system. He currently holds a Class IIIA Distribution and Class IIIA Treatment Drinking Water License. He has worn many hats in his nearly 40 year career which has given him the knowledge and experience that he passes down to operators and co-workers every day. He has served on the Central Chapter and KWWOA boards, he also has helped with trainings and golf scrambles for many years. Kevin was a big part of making the State Conference what it is today. Kevin is supportive in encouraging his employees to be active members at the chapter and state level KWWOA.



#### 2021 KWWOA State Award Winners Continued

#### Earl T. Mitchell Award

Any person being nominated for this award must be a member of the KWWOA 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

#### Earl T. Mitchell Award: **Jason Tubb**

Jason is currently the Distribution Supervisor for Grayson County Water District

Jason is always there to support anything going on in Grayson County that involves the Central chapter and has attended the state conference for many years and is always willing to help with anything during the conference.

Jason holds a Class IIIA Drinking Water Distribution license. Jason manages the work duties of 3 people in a distribution system that



consist of over 600 miles of watermain. He also tracks inventory, construction schedules, and work schedules for the distribution system. Jason works hand in hand with the Water Treatment Plant to allow Grayson County Water District to provide a high-quality drinking water to its customers.



Bill Howell-KY Sales Mgr. bhowell@necowater.com Mobile: 502-424-5429 Office: 800-624-6975 Fax: 866-929-3720

Rusty Collinsworth — KY Territory Mgr. rcollinsworth@necowater.com Mobile: 937-356-8340 Office: 800-624-6975 Fax: 513-851-8009

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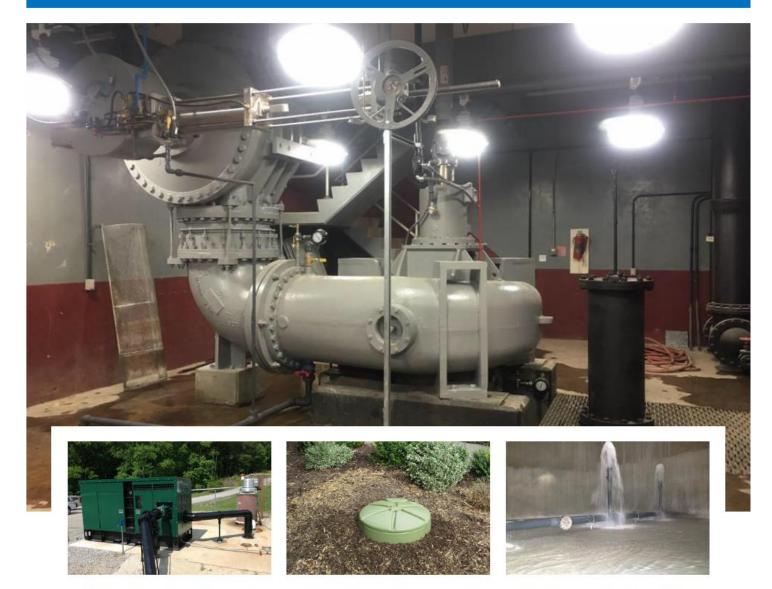
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### Introducing the new KWWOA Vice-Chair

#### Alan Todd

Alan Todd is the Superintendent of the Madisonville Wastewater Treatment and Water Filtration Plants. Alan holds a Class IV Wastewater Treatment, Class IV Water Treatment, Class II Wastewater Collection, and Class IIBD licenses. Alan started as a laborer in Elizabethtown in 1985 and has worked his way up to becoming superintendent in 1994.

Alan previously held the title of Western Wastewater representative for the Western Chapter of KWWOA and was a Western Wastewater representative for KWWOA's State Board. He has assisted at the annual KWWOA state conference on various occasions; serving as a moderator and assisted with technical duties.

Alan currently serves on the Kentucky Board of Certification of Water Treatment and Distribution System Operators and the Kentucky Board of Certification of Wastewater System Operators. This honor provides an opportunity to impact the general public by

serving to protect the waters of the Commonwealth through oversight of operator's certifications and trainings.

Under Alan's direction and supervision, Madisonville WWTP has won numerous awards for operations and safety, including an EPA Region 4 Wastewater Treatment Plant Excellence Award. Alan himself has been awarded the Hatfield award and Chamber award. Alan has used his knowledge to actively recruit and mentor many operators in the profession. In 1999, Alan developed and continues to manage his own company that offers contract water and wastewater operator services to rural communities making it more economically feasible for communities to comply with their permits. His company also provides other services such as facility start-ups, O&M Manual development, asset management and general operating consultations. In his spare time, he enjoys horse racing, boating and traveling.





**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.

CENTRAL

Officers:	James Poindexter	President	606-864-7611	jpoindexter1@icloud.com
	Phil Adkins	Vice President	606-548-3465	padkins@mupb.com
	Keith Bevins	Secretary / Treasurer		kbevins2@gmaill.com
	Roy Gray	Water Rep	606-596-0296	roylgray@yahoo.com
	Chris Maloney	Wastewater Rep	606-585-3690	hcwwtp@mswatersewer.com

WESTERN

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.

Carl Groce	President	502-875-2448	cgroce@frankfort.ky.gov
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
Josh Adams	Water Rep	502-352-0517	jadams@fewpb.com
Brian Gatewood	Wastewater Rep	859-609-1539	brian@jagsenv.com
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**Central Chapter Counties:** Adair, Allen, Barren, Breckinridge, Bullitt, Butler, Casey, Clinton, Cumberland, Edmonson, Grayson, Green, Hardin, Hart, Jefferson, Larue, McCreary, Meade, Metcalfe, Monroe, Nelson, Oldham, Pulaski, Russell, Taylor, Warren, and Wayne.

Officers: Justin Spears	President	270-237-0874	justin.spears@topper.wku.edu
Tyler Bragg	Vice President	270-678-4283	tbragg@glasgowh2o.com
Corey Bond	Secretary/Treasurer	270-737-7733	corey.bond@elizabethtownky.gov
Chris Gohman	Water Rep	270-862-4340	cgohman@hcwd.com
Jacob Billingsley	Wastewater Rep	270-670-3751	jbillingsley@glasgowh2o.com
John Cruse	Board Member		jcruse@hcwd2.co
Russel Webb	Board Member		rwebb@graysonwater.com

Western Chapter Counties: Ballard, Caldwell, Calloway, Carlisle, Christian, Crittenden, Daviess, Fulton, Graves, Hancock, Henderson, Hickman, 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 2021 TRAINING & EVENT SCHEDULE					
Date	Training Cost*	Location of Training	Type of Training**	Hours**	
Sept. 20-21	Free—KWWOA Members	Rough River State Resort Park		12	
	\$100.00–Non-Members	Falls of the Rough, KY	Water and Wastewater		
Oct. 12-13	\$30—KWWOA Members	KY Dam Village State Resort Park		18	
	\$125.00–Non-Members	Gilbertsville, KY	water and wastewater		
28-Oct	\$100—KWWOA Members	Brooks Electric	Motor Controls Workshop	6 DW & WW	
	\$150—Non-Members	Brownsville, KY	(Multi-meter for all attendees)		
Nov. 18	Free—KWWOA Members	Morehead Utility Maint. Dept.		6	
	\$75.00–Non-Members	Morehead, KY	water		
Dec. 2		Mammoth Cave National Park		N/A	
	Free—KWWUA Members	Mammoth Cave, KY	N/A		
	Sept. 20-21 Oct. 12-13 28-Oct Nov. 18	DateTraining Cost*DateFree-KWWOA Members \$100.00-Non-MembersPot: 12-13\$30-KWWOA Members \$125.00-Non-Members28-Oct\$100-KWWOA Members \$150-Non-MembersNov. 18Free-KWWOA Members \$75.00-Non-Members	DateTraining Cost*Location of TrainingDateFree-KWWOA MembersRough River State Resort ParkSept. 20-21Free-KWWOA MembersRough River State Resort Park100.00-Non-MembersKY Dam Village State Resort ParkOct. 12-13\$30-KWWOA MembersKY Dam Village State Resort Park28-0ct\$100-KWWOA MembersBrooks Electric\$100-KWWOA MembersBrooks Electric\$100-KWWOA MembersBrooks Electric\$100-KWWOA MembersBrooks Electric\$100-KWWOA MembersMorehead Utility Maint. Dept.Nov. 18Free-KWWOA MembersMorehead, KYDec. 2Free-KWWOA MembersMammoth Cave National Park	DateTraining Cost*Location of TrainingType of Training**Sept. 20-21Free-KWWOA MembersRough River State Resort Park Falls of the Rough, KYWater and WastewaterOct. 12-13\$30-KWWOA MembersKY Dam Village State Resort Park Gilbertsville, KYWater and WastewaterOct. 12-13\$30-KWWOA Members \$125.00-Non-MembersBrooks Electric Brownsville, KYMotor Controls Workshop (Multi-meter for all attendees)28-Oct\$100-KWWOA Members \$150-Non-MembersBrooks Electric Brownsville, KYMotor Controls Workshop (Multi-meter for all attendees)Nov. 18Free-KWWOA Members \$75.00-Non-MembersMorehead Utility Maint. Dept. Morehead, KYWaterDec. 2Free-KWWOA MembersMammoth Cave National ParkN/A	

\*It is the intent of the KWWOA to solicit the KY Division of Compliance Assistance and Boards of Certification for approval of the hours and training type 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.

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