

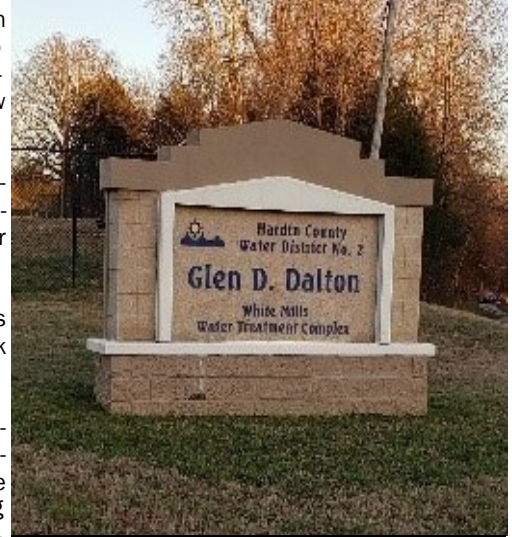
**Outstanding Water System Operations—Hardin County Water District Number 2, White Mills Treatment Plant**

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 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."



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

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.



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



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

**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).



## 2020 KWWOA STATE AWARD WINNERS

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

### 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.

Congratulations to all the 2020 KWWOA State 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.



Above: Bob speaking to KWWOA Conference attendees.