



# water

WPC PROFESSIONALS CONFERENCE

**July 8-11, 2018**  
Music City Center  
Nashville, Tennessee



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Metro Water Services

**HOSTED BY**

Kentucky-Tennessee  
Water Environment Association (WEA)

American Water Works Association (AWWA)  
Kentucky/Tennessee Section of the

**PRESENTED BY**

KY/TN WPC  
PO Box 22318 | Louisville, KY 40252

**July 8-11, 2018**  
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## 2018 Water Professionals Conference!

Join us in Nashville July 8-11 for the 15th annual joint conference of the Kentucky/Tennessee Section of the American Water Works Association and the Kentucky-Tennessee Water Environment Association, hosted by Metro Water Services.

The Water Professionals Conference is the largest annual water technical conference and exhibition in Kentucky and Tennessee and offers you the chance to:

- Learn from the industry's best through technical sessions and workshops covering drinking water, storm water, wastewater, management, and regulatory issues.
- Network with industry professionals, utility officials, operators, and regulators from across Kentucky and Tennessee.
- Attend a variety of informative and fun activities, competitions, and events!

### Professional Development

Attend the technical education sessions from Sunday through Wednesday to earn double-digit hours of continuing education credits (CEUs). Fellow water and wastewater professionals will provide current information relating to engineering and construction, management, small systems, customer service, finance, sustainability, operations, and much more. Tennessee Utility Board Member credit will be offered as well. See the schedule of technical sessions at [www.kytnwpc.org](http://www.kytnwpc.org) in Spring 2018.

### Sunday Facility Tours

Kick off your participation in the conference by touring one of the following facilities from 1 to 4 pm. Wear comfortable, closed-toe walking shoes, and please note that the tours are not ADA accessible. Both tours begin and end at the Music City Center.

#### Tour 1: Metro Water Services Central Wastewater Treatment Plant and Biosolids Facility

Covering over 72 acres, Metro Water Services' Central Wastewater Treatment Plant processes over 40 billion gallons of wastewater per year. This tour will highlight current treatment processes and discuss the future of this expanding wastewater facility.

Nashville's first attempt at sewers began in 1823 utilizing brick and clay sewers constructed for both sanitary sewage and stormwater to be discharged to the Cumberland River. It was not until 1958 that Nashville constructed a centralized wastewater treatment plant to process flows from the developing city. Metro Water Services began an aggressive program of infrastructure improvements in 1990 to reduce the number of CSOs and SSOs, making tremendous progress toward improving water quality in the Cumberland River and its tributaries. Today Central WWTP has the capacity to treat 220 MGD of dry weather flow and 320 MGD during rainy weather.

Central WWTP is currently undergoing an extensive expansion to add an additional 100 MGD of treatment capacity. This tour will discuss plans for the massive multi-million dollar undertaking to optimize treatment processes and hydraulics.



## Tour 2: Metro Water Services Omohundro Water Treatment Plant

Omohundro is a combination of impressive civil engineering and magnificently beautiful architecture. The George Reyer pumping station, when placed in service in 1889, was able to pump raw water from the Cumberland River to the residents of Nashville at a rate of 10 MGD. After several upgrades and the addition of the Robert L. Lawrence Filtration Plant in 1929, the treatment facility, now known as Omohundro, has a capacity of 90 MGD and consists of five low service pumps, seven high service pumps, two grit tanks, 22 flocculators, three sedimentation basins, and 30 filters. The chemicals used in the treatment process today consist of alum, powder activated carbon, liquid fluorosilicic acid, liquid lime, non-ionic polymer, potassium permanganate, ortho-polyphosphate, and on-site bleach generation. During this tour, you will enjoy the ageless beauty of historic architecture such as terrazzo tile floors and marble control stations alongside the latest technology such as on-site generation of bleach.

## Competitions

See water utility teams race to open a cement-lined, ductile iron pipe and install a tap in the Tapping Contest. Observe water treatment plant operators having their industry know-how tested during the Top Ops competition. Discover which utility will earn bragging rights for the best-tasting water in the annual “Best of the Best” competition. The competitions begin Monday, July 9, at 3 pm, in the Exhibit Hall.

## Water for People Auction

The conference hosts a live Charity Auction to benefit Water for People during the Tapping Competition in the Exhibit Hall on Monday, July 9. Enjoy the thrill of the fast-paced bidding competition or stop by the Water for People booth for a more relaxed silent auction. Sponsors have donated a great selection of prizes and all proceeds support Water for People.



## Member Celebration

This year's member celebration will offer something for everyone! Come spend a fun filled casual evening with us at The George Jones on Tuesday, July 10. Enjoy food, music, museum access, and breathtaking views of the Cumberland River! Dance the night away, play games, and catch up with new and old friends and colleagues!

## CONFERENCE AT A GLANCE...

### SUNDAY, JULY 8

- **Exhibitor Setup**  
(11:30 am to 4 pm)
- Facility Tours
- Registration
- Water for Life Event  
Cumberland Park
- **Meet & Greet in Exhibit Hall**  
(5 to 7 pm)

### MONDAY, JULY 9

- Kick-off Breakfast
- **Exhibit Hall Open**  
(9:30 am to 6 pm with lunch break)
- Technical Sessions
- Awards Luncheon
- **Ice Cream Social in Exhibit Hall**  
(3 to 4:30 pm)
- **Operator Competitions in Exhibit Hall** (3 to 6 pm)
- **Reception in Exhibit Hall**  
(Exhibitor Giveaway Drawings)

### TUESDAY, JULY 10

- Young Professionals Day
- Awards Breakfast
- **Exhibit Hall Open**  
(8:30 am to 1:30 pm with lunch in the Exhibit Hall)
- Technical Sessions
- Exhibit Hall Mobile Technical Sessions
- **Lunch in Exhibit Hall**  
(Exhibitor Giveaway Drawings)
- Ice Cream Social (3 to 4:30 pm)
- Member Celebration

### WEDNESDAY, JULY 11

- Golf Tournament
- Technical Workshop
- Diversity Networking Event



### Water for Life

Join us on Sunday, July 8 from 1 to 4 pm at Cumberland Park for the Fifth Annual Water for Life event, in conjunction with Waterfest. The event features interactive booths for all ages and promotes the importance of water conservation and water quality in our environment.

### Fun for Spouses and Family

While visiting Music City, take advantage of all that Nashville has to offer. Check out [www.visitmusiccity.com](http://www.visitmusiccity.com) for ideas about food, shopping, music, and more!

### Charity Golf Tournament

Cap off your conference experience at the Charity Golf Tournament on Wednesday morning, July 11, at Nashboro Golf Club, one of the finest public golf courses in the area. The tournament benefits water charities supported by the conference. The event is a four-person scramble with registration and breakfast starting at 7:30 am. The shotgun start begins at 9 am. Lunch will be served following the scramble. The cost is \$130 per player or \$720 per team. All player fees include mulligans this year. The Corporate Team fee includes four players of your choice and name recognition at the tournament. Register online at [www.kytnwpc.org](http://www.kytnwpc.org) and pay by check or credit card. Elite Team packages and sponsorships are available.

### Utility Exhibits Open House (Monday, July 9, 3:00pm to 6:30pm)

This registration type is for **Utility employees only** and provides an opportunity for utility employees to visit the Exhibit Hall at a reduced rate (\$50 until June 22, \$75 on-site) - includes exhibit hall only access on Monday from 3 to 6:30 pm, ice cream social, competitions, and Monday evening reception.

### Registration & Fees

Online registration is available at [www.kytnwpc.org](http://www.kytnwpc.org). Please note that fees increase after May 11, so register early!

- Member – Full Conference Registration: *\$350 (\$400 between May 12 and June 21; \$450 on-site)*
- Non-Member – Full Conference Registration: *\$500 (\$550 between May 12 and June 21; \$600 on-site)*
- Retired Member – Full Conference Registration: *\$190*
- Member One-Day (Monday or Tuesday) Registration: *\$210 (\$260 between May 12 and June 21; \$310 on-site)*
- Non-Member One-Day (Monday or Tuesday) Registration: *\$300 (\$350 between May 12 and June 21; \$400 on-site)*
- Young Professional Registration (35 and younger): *\$100 (Tuesday only)*
- Utility Exhibits Open House (Monday 3 to 6:30 pm) - Limited Exhibit Hall access for UTILITY employees only: \$50 (until June 21; \$75 on-site)

### Hotel Reservations

The conference has reserved a block of rooms at the Renaissance Nashville Hotel for \$242 per night and the Hilton Nashville Downtown for \$269 per night. Reserve rooms through the website, [www.kytnwpc.org](http://www.kytnwpc.org), for the conference rate. The deadline for the discounted rate is June 7, 2018.

**Registration Questions:** Please contact Valerie Maron, KY/TN WPC, at [admin@kytnwpc.org](mailto:admin@kytnwpc.org)

