Celebrate Drinking Water Week With Columbus Water Works at our Open House Event!

May 13, 2017 from 10am to 2pm

North Columbus Water Resources Facility
5301 River Road, Columbus, GA 31904

Food and activities for the entire family!

Take a tour of the facility and learn about how your water is cleaned and delivered to your home!

The Story of Drinking Water:
From the River to your Tap

Sat. May 20 9am-3pm • Sun. May 21 11am-3pm

For Tickets and more information 706-225-4008
Facebook: Keep Columbus GA Beautiful Commission
columbusga.org/keepcolumbusbeautiful

Food and activities for the entire family!

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1421 Veterans Parkway
Columbus, GA 31901

Customer Service (706) 649-3410
General Information (706) 649-3400
Automated Account Information 1-855-748-1350
Or visit: www.cwwga.org
Overview of Columbus Water Works

Columbus Water Works (CWW) is governed by the Board of Water Commissioners.

CWW provides water services to approximately 260,000 people with a distribution network of 1,393 miles of water lines. The water treatment plant is permitted to withdraw and treat 90 million gallons per day, which is equivalent to filling 136.3 Olympic sized swimming pools per day.

North Columbus Water Treatment Plant

The North Columbus Water Resources Facility (NCWRF) was built in 1915. Over the years, the plant has been renovated several times to accommodate the ever-changing drinking water treatment process while maintaining the structural integrity of the historic buildings.

Columbus Water Works’ Water Treatment Process

Water is essential to all life. In order for water to be safe for us to drink, it must go through a vigorous treatment process removing bacteria and other potentially harmful organisms that occur naturally in the environment. This process varies from one water treatment plant to another; however, the end result is the same, safe and clean drinking water.

At the North Columbus Water Resources Facility, our water treatment process has proven to be efficient and effective, enabling CWW to consistently provide Columbus with safe drinking water.

CWW withdraws raw (untreated) water from Lake Oliver. This water is treated with chlorine dioxide and pumped into two storage tanks that each hold four million gallons of water.

The water is then treated with alum and lime before beginning the sedimentation process to promote the settling of heavier particles. These particles are then separated from the water and treated before being returned to the river.

After the sedimentation process, the water enters a complex filtering system for cleaning and disinfection. The filtration process removes more particles, producing clear water.

Diagram represents the water treatment process at the North Columbus Water Resources Facility

The clear water then proceeds to a final post-mixer where chlorine, lime, phosphate and fluoride are added to ensure high water quality and safety levels until it is used. The finished water is stored in clearwells at the treatment plant, waiting to be sent into the distribution system and to your tap.