



**RICHLAND  
CREEK  
RESERVOIR**

*water*  
for today **and tomorrow**

# Paulding County Water System News

Richland Creek Reservoir Water Supply Program May 24, 2017

## Georgia Tech Research Institute Site Tour

The PC Construction team recently led a tour of the Richland Creek Water Treatment Plant and Reservoir Intake construction sites for a class of 34 students from the Georgia Tech Research Institute (GTRI). The students are enrolled in the OSHA 3015 Excavation Trenching and Soil Mechanics class. In this class, students learn about practical soil mechanics and the relationship to the stability of shored and unshored slopes and walls of excavations. Various types of shoring including hydraulic and wood timbers are covered. During the tour the students gained hands on experience with soil testing methods for determining soil type and class and used instruments such as penetrometers, torvane shears, and engineering rods.



**The Richland  
Creek Reservoir  
(RCR) is a  
new 305-acre  
reservoir that once  
completed, will  
supply over three  
billion gallons of  
drinking water to  
existing and future  
populations in and  
around Paulding  
County.**

Who should I contact  
for more information?

Phone 770-673-3669

Email [info@rcrwater.com](mailto:info@rcrwater.com)

Website [www.RCRWater.com](http://www.RCRWater.com)



GTRI students observing Reservoir Intake slope and tower



GTRI student collecting a soil sample



Examining the soil sample





Measuring the slope of a trench



Discussing excavation practices