

# Water Testing Laboratory

*Johns Creek Environmental Campus*



The laboratory is used to perform daily tests on the wastewater as it passes through the various treatment phases at the Johns Creek Environmental Campus. Laboratory tests are required by the United States Environmental Protection Agency (EPA) and by the Georgia Department of Natural Resources Environmental Protection Division (GA EPD) to ensure that water is being properly treated. Laboratory test results are also used by Operations Managers to make decisions on how to optimize system performance.

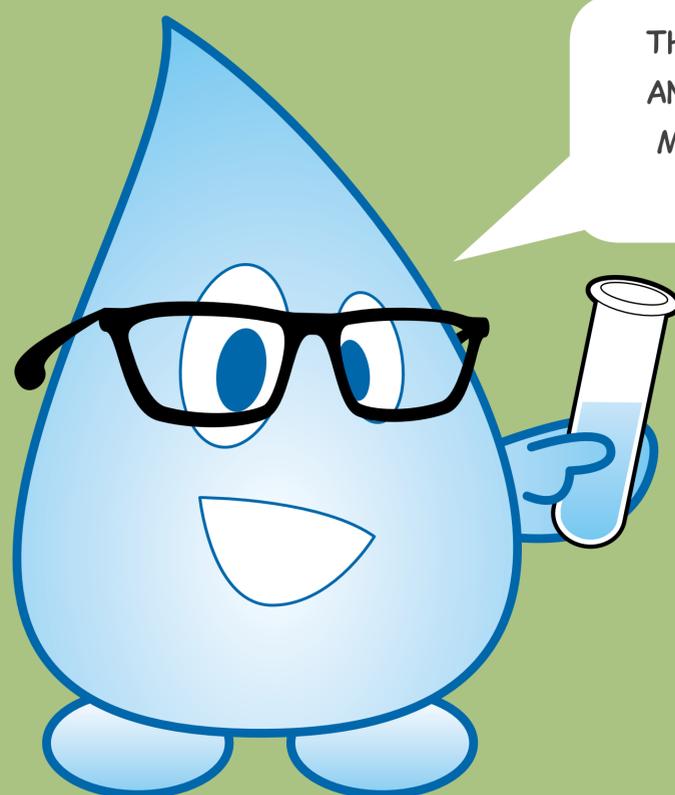
Online instruments measure system performance for pH, dissolved oxygen, turbidity, and other operational parameters. Additional “grab” samples taken at a single time and “composite” samples taken over a period of time are analyzed in the laboratory to confirm system performance.



An automated sampler takes composite samples of the treated water.



Analysis taking place at the laboratory.



THE LABORATORY IS USED TO ANALYZE WATER SAMPLES TO MAKE SURE THE TREATMENT PROCESS IS WORKING.