



# Metro Atlanta: Responsible and Efficient Stewards of Our Water Resources

December 2016

A clean abundant water supply is vital to the continued prosperity of the Atlanta region. Innovative approaches for better managing the supply and quality of our water resources support economic growth while also preserving the region's natural resources. This type of integrated water management, which includes a robust education program, is a key focus of the Metropolitan North Georgia Water Planning District's 2017 Plan Update.

## Water Conservation Success Means We Use Less Water

The Metro Water District's Water Supply and Water Conservation Management Plan is instrumental in making water conservation a priority in north Georgia.

### WHAT WE ARE DOING

This plan details 19 aggressive water conservation measures that are being implemented by local utilities, helping dramatically reduce water use in the Atlanta region.

The Atlanta region's water conservation measures include:



**Toilet rebate program** - More than 120,000 older, inefficient toilets have been replaced with water-sipping models, saving more than 1 billion gallons of water per year



**Conservation pricing** - A tiered rate structures - the more you use, the more you pay - for single-family residences encourages water conservation



**Leak detection** - Utilities are implementing new ways to find and fix leaks, such as use of sonar to inspect pipes.

### THE RESULTS

- » Since 2000, total water use in the region has dropped by more than 10 percent, even as the population has increased by 1 million.
- » Per capita water use in the Metro Water District has dropped by more than 30 percent since 2000.

SINCE 2000



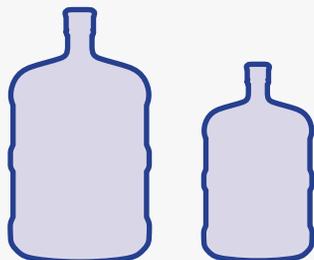
## Water Forecast

Our successful conservation efforts mean we'll be using far less water in the future than was projected just a few years ago.

### 2050 Water Demand Forecast

2009 forecast use per day

1,200 MILLION



Updated 2016 forecast use per day

862-898 MILLION

Current use per day is 560 million

Demands for Scenario 1 and 2 were calculated based on the most recent 3-5 years of actual billing data. These forecasts include non-revenue water, the impacts of current plumbing codes and a factor to account for uncertainty in demand projections.



More than two-thirds of the water withdrawn in the Metro Water District is returned to the region's basins.

If metro Atlanta disappeared tomorrow, how much more water would flow into Florida?

3%

