Miami-Dade Water and Sewer Department
Capital Improvement Program

The Miami-Dade Water and Sewer Department **(WASD)** is the largest water and sewer utility in the southeastern United States and serves nearly 2.3 million residents and thousands of visitors on a daily basis. Staff works 24/7 providing high quality water and wastewater services, protecting public health, and acting in the best interest of the environment.

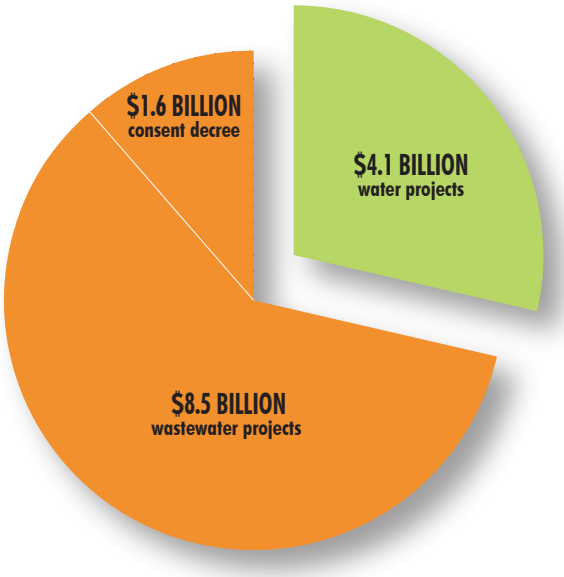
WASD **treats** 300 million gallons of water per day and **disposes of** 300 million gallons of wastewater per day

WATER DISTRIBUTION SYSTEM	WASTEWATER SYSTEM
7,918 miles of pipelines	**6,277** miles of pipelines
126,000 valves	**1,048** pump
3 regional water treatment plants + 5 smaller plants	**3** regional wastewater treatment plants

CAPITAL IMPROVEMENT PLAN

In order to continue to fulfill the department's vision of continuous delivery of high quality drinking water and wastewater services in compliance with all regulatory requirements, WASD has planned a systematic and responsible Multi-Year Capital Improvement Plan. This plan will provide necessary upgrades to the system.

The Department has entered into a federally mandated Consent Decree with the United States Environmental Protection Agency and the Florida Department of Environmental Protection and is committing to making improvements to the wastewater collection and treatment system totaling $1.6 Billion over the next 15 years.



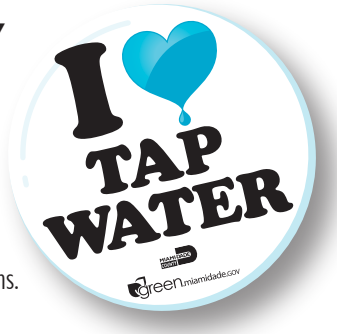
$12.6 BILLION OVER THE NEXT 15-20 YEARS

MIAMI-DADE COUNTY

What does this plan mean to the average customer?

The Department's water rates have been among the lowest in the Nation for many years. A rate increase of 8% is approved beginning on October 1, 2013.
This will add $3.36 per month to the average customer using 6,750 gallons per month bringing the bill from $42.03 per month to $45.39 per month.

BENEFITS TO THE COMMUNITY



QUALITY AND RELIABILITY.

- Efficiency improvements from advanced technology and delivery methods.
- Decreased chance of pipe failures, service loss, and need for boil water orders.
- Increased reliability of sewer plants and pump stations.

REGULATORY COMPLIANCE.

- Avoidance of potentially hazardous conditions, adverse environmental and economic development impacts, and fines and penalties.
- Enhancement of the aging sewer system, which increasingly fails to consistently meet all regulatory requirements.

ENVIRONMENTAL PROTECTION.

- Millions of gallons leaking out of the water distribution system could be saved annually, allowing us to continue to be good stewards of one of our most precious, natural resources.
- Decreased chance for pipe failures that could result in untreated sewage entering the community's waterways.
- Improved sustainability as additional levels of treatment and reclamation of wastewater for reuse reduces environmental impacts.

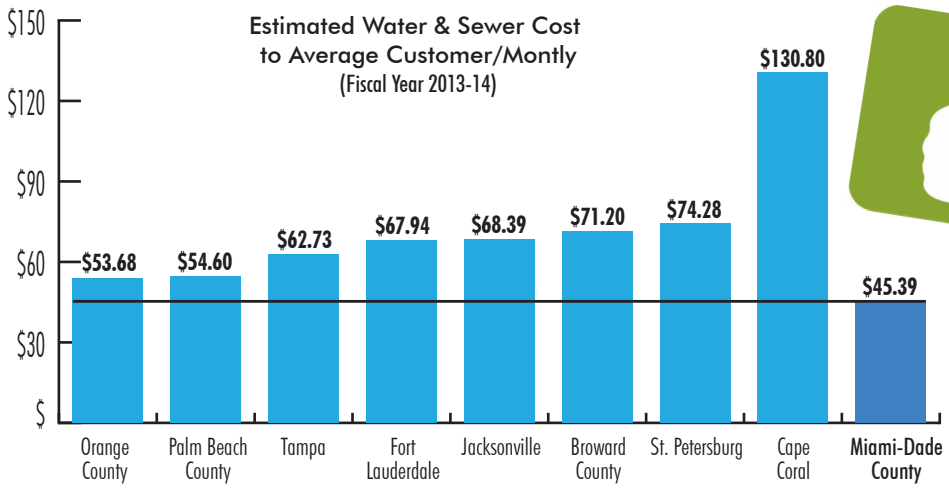
ECONOMIC EXPANSION/INCREASED CAPACITY.

- Reduced constraints in the water distribution system and the wastewater collection system, supporting economic development and revitalization.
- Increased capacity for future population growth.

ENHANCED FIRE PROTECTION.

- Improved fire protection, reduced leaks, and enhanced water pressure as 40 year old, undersized water mains are replaced.

REPLACEMENT COSTS LESS EXPENSIVE THAN EMERGENCY REPAIRS.

- Immediate cost savings through proactive replacement. Emergency repairs can restrict procurement options and can cost as much as 10 times the cost of planned repairs.

EVEN WITH
8% INCREASE
WE'RE STILL AMONG THE
LOWEST
RATES
IN FLORIDA