

# **CITY OF PLANTATION UTILITIES DEPARTMENT**



**Mayor's Council Meeting  
June 17, 2015**

# Mission Statement

The Utilities Department's primary function is to provide cost-effective water and wastewater treatment and disposal services while meeting all regulatory and permit requirements. Providing these services is critical in sustaining the health and safety of the citizens, customers and businesses of the city of Plantation.



# Department Description

The Utilities Department operations are recognized as a business enterprise and as an essential government service.

Utility services are an “enterprise fund,” which means it earns its revenues through selling water and wastewater services.

Ad valorem taxes and general fund monies are not utilized for water and wastewater services.



# Department Description

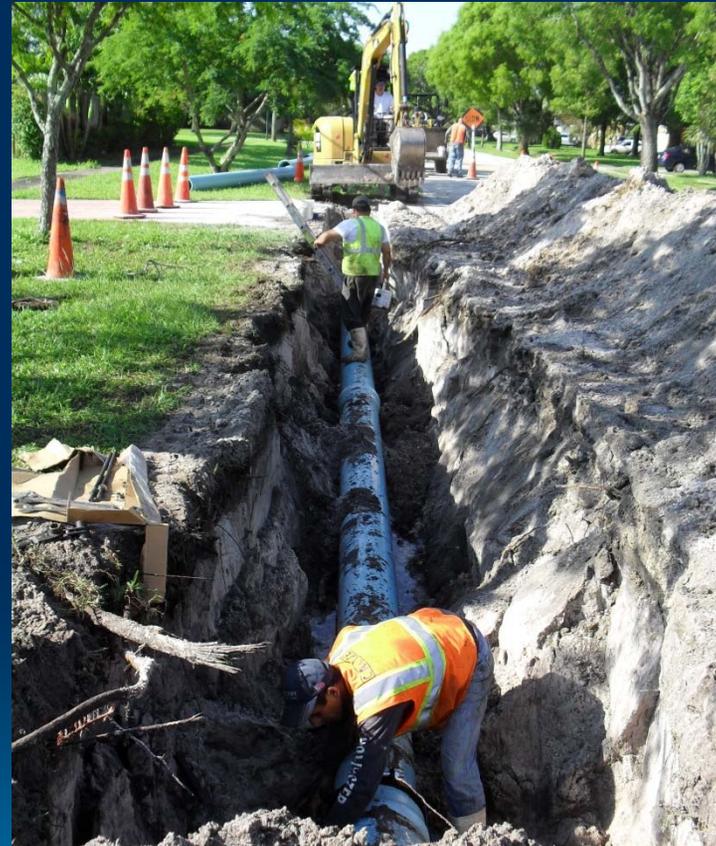
This department is comprised of 114 budgeted positions: 98 full-time and 16 part-time/will-call employees. The eight (8) major programs that provide services are:

1. Administration;
  2. Water Treatment and Supply;
  3. Wastewater Treatment and Disposal;
  4. Plant Maintenance;
  5. Water Distribution;
  6. Wastewater Collection and Maintenance;
  7. Customer Service Billing;
  8. Water Quality Assurance.
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# 1. Administration

This program provides the short and long-term planning, supervision, budgeting, purchasing and coordination activities within the utilities department.

This program also provides construction management services as part of our infrastructure maintenance and capital rehabilitation projects.



Plantation Gardens IIA                      June 2014  
12" water main being installed on East Acre Dr

## 2. Water Treatment and Supply



This program provides quality award-winning potable water to the citizens of Plantation ensuring their health, safety and welfare by meeting all Federal, State and Local regulations. Our two water treatment plants (WTPs) provide the highest quality water to satisfy our customers' needs for water 24 hours a day every day of the year.

### 3. Wastewater Treatment and Disposal

- This program provides treatment and disposal of wastewater generated within the city at the Regional Wastewater Treatment Plant (RWWTP).
- The program also provides environmental stewardship for the community while ensuring the health, safety and welfare of residents and businesses.



## 4. Plant Maintenance



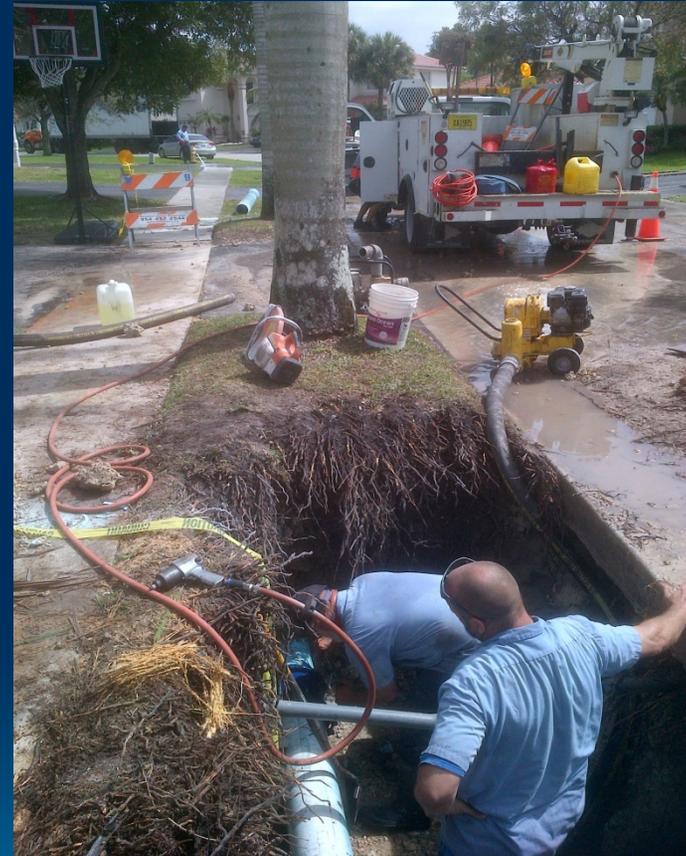
This program provides on-going inspection and active implementation of preventive (PM), predictive (PDM), and corrective (CM) maintenance of all mechanical and electrical equipment within our two WTP's and RWWTP.

## 5. Water Distribution

This program is responsible for the delivery of high-quality water to our customers and on-going inspection of over 327 miles of transmission mains.

Preventive maintenance (PMs) includes hydrant flushing and flow testing with valve maintenance.

This ensures the continuous supply of potable water from the treatment plants to each customer's tap, while meeting all standards and regulations.



## 6. Wastewater Collection Maintenance



This program is responsible for ensuring the health and safety of the city's residents through the efficient pumping of the city's wastewater from homes and businesses to our RWWTP.

This includes maintenance and repair of 173 miles of gravity mains, 57 miles of pressurized force mains and 125 lift stations (photo).

## 7. Customer Service Billing



The customer service section provides the following services:  
Customer inquiries concerning utility billing, customer payment processing (in person at City Hall or online), and account activation and/or closure.

## 8. Water Quality Assurance

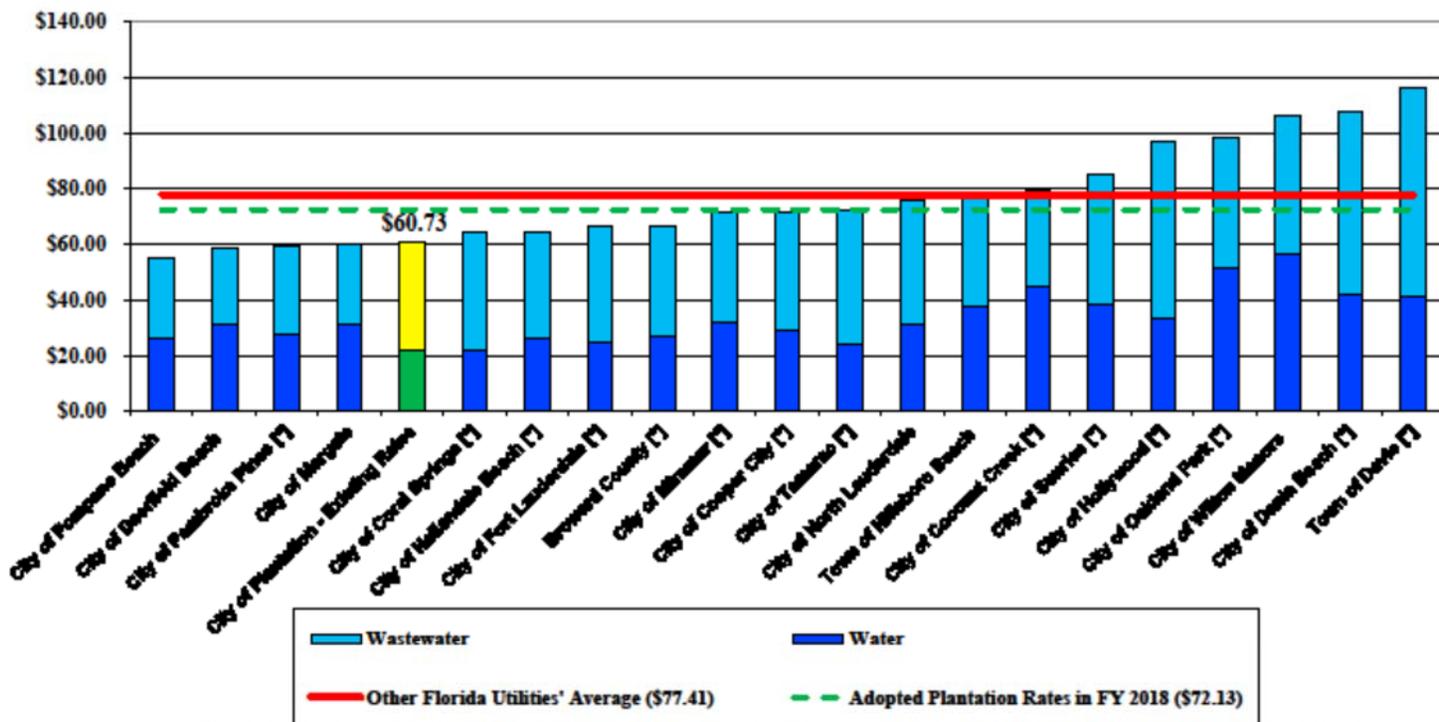


This program provides vital specialized service to the city as a facility certified by the National Environmental Laboratory Accreditation Conference (NELAC).

Our certified lab provides water quality testing and monitoring in compliance with the Federal Safe Drinking Water Act (SDWA) for the WTPS and the Federal Clean Water Act (CWA) for the RWWTP.

Rates effective December 2014

**Figure 1**  
**City of Plantation, Florida**  
**Comparison of Monthly Charges For**  
**Combined Water and Wastewater Service**  
**For Single Family Residential Customers Using 6,000 Gallons**



[\*] Utilities: i) are involved in rate study; ii) are planning to conduct rate study; or iii) will implement rate revision or price index / pass-through adjustment within twelve months following the comparison preparation date

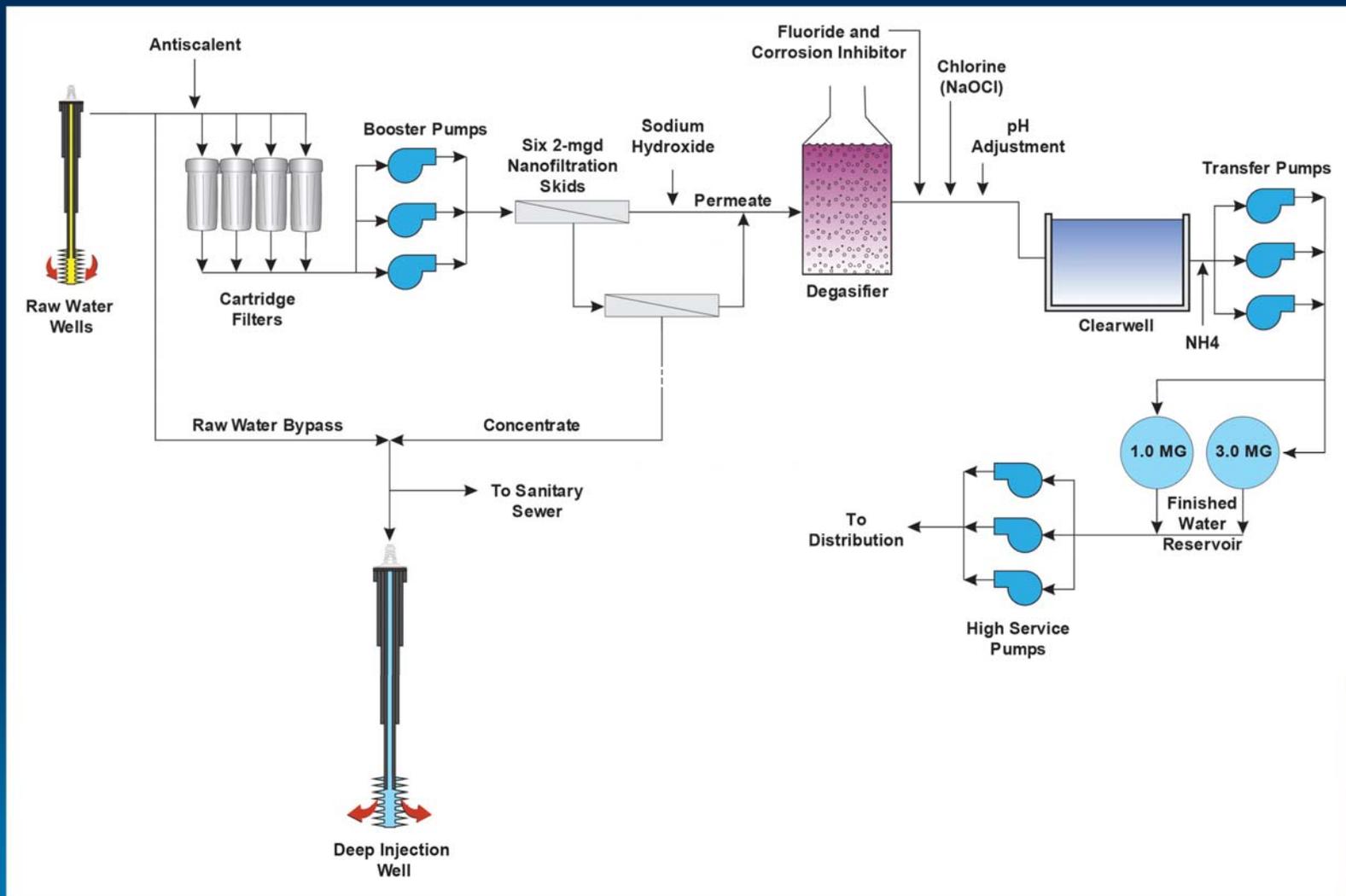


## PROJECTS ANTICIPATED TO BE FINANCED WITH SERIES 2013 BONDS

2013 Utility Loan - Projects					
Project Name	Design	Bid	Award	Construct	Complete
Plantation Park Phase G					
Plantation Gardens Phase IIA					
Plantation Gardens Phase IIB			Jul-15		
Plantation Historical Area			Jul-15		
CWTP Membrane Elements Replaced					
Retrofit/Replace Wtr Plant Generator			Aug 2015		
RWWTP Monitor Well #2 Rehab					
RWWTP Laboratory Expansion		Jul-15			
RWWTP Aeration Fine Bubble Conversion		Jul-15			
RWWTP SCADA system design/cnstructn		Jul-15			
Neighborhood Sewer Main Rehab					
Billing system soft/hardware improvements					
Customer service call center					
Utilities Refueling Facility					

CF 6-01-15

# East Water Treatment Plant Process



# Thank You!

Chuck Flynn, Director

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