

Water and Sewer Fund – 188.0 FTEs

Department Objective

Public Utilities is dedicated to providing high quality water, wastewater, and reclaimed water services while protecting the public health and natural environment of our community through cost effective management, operations and maintenance of our infrastructure sustaining these essential services.

In furthering the City Council’s Strategic Direction of providing cost effective municipal services and infrastructure through a commitment to efficiency, quality, safety and financial responsibility, the Public Utilities Department operates and maintains the City’s water wells and water treatment plants, water storage and distribution system, wastewater collection and transport systems, water reclamation facilities, reclaimed water system, enforces the City’s industrial pretreatment ordinance as well as ensuring the City’s compliance with the USEPA and State of Florida’s environmental regulations.

Summary of Services Provided	
Administration	The Administration program is responsible for the effective coordination of all water, wastewater, and reclaimed water, administrative, planning, accounting, and management of operations, maintenance, resources and infrastructure necessary to provide safe water and reliable service to the customers of the Public Utilities department.
Wastewater Collection	The Wastewater Collection program provides for safe collection and transmission of wastewater through the City’s underground sewer mains, collectors and interceptor lines. The purpose of the Wastewater Collection program is to maintain the collection system in such a manner that protects the public safety, health and the environment.
Infrastructure Maintenance	The Infrastructure Maintenance program provides for safe transmission and pumping of wastewater through the City’s 75 wastewater lift stations and three reclaimed water pumping stations. This program also provides the installation and maintenance of all Public Utilities instrumentation and telemetry systems, as well as maintenance of three water reclamation facilities, three water treatment plants, and 45 potable water wells, as well as three city parks and recreation pool pumps and City fountain pumps. The purpose of the Infrastructure Maintenance program is to maintain the mechanical, electrical and electronic infrastructure in such a manner that protects public safety, health and the environment. The Infrastructure Maintenance program consists of three sub-sections; Plants, Lift Stations and Electronics.
Wastewater Environmental Technologies	The Wastewater Environmental Technologies program provides daily treatment and disposal of wastewater meeting or exceeding federal and state water quality standards. The program consists of three water reclamation facilities including bio-solids residual management facilities. The Wastewater Environmental Technologies program supplies highly treated wastewater to the Reclaimed Water program.
Laboratory	The Laboratory program provides analysis and support services to Water, Wastewater Environmental Technologies, Reclaimed Water and the Wastewater Collection programs.
Industrial Pretreatment	This program provides sampling, analysis, and support services to Water, Wastewater Environmental Technologies, Reclaimed Water, and Wastewater Collections programs. The Industrial Pretreatment (IPP) program is responsible for sampling, monitoring and regulating City industrial users and enforcing the City’s Industrial Pretreatment Ordinance. The IPP group also is responsible for sampling, and regulating the City’s grease management program in order to curtail the introduction of grease waste into the sanitary sewer and treatment facilities.

Summary of Services Provided

Water Distribution

The Water Distribution program provides for the safe transmission and distribution of the City's public potable water supply. Functions include the construction and maintenance of the system as well as direct customer related activities, such as meter replacement, fire hydrant maintenance, and repair of water main breaks.

Water Supply

The Water Supply program is responsible for the monitoring, operation, water treatment, and maintenance of the City's water supply facilities which include two reverse osmosis water treatment plants, an additional water treatment facility, six water storage tanks, 45 wells, and six county inter-connections in order to provide the City with a safe and dependable water supply.

Reclaimed Water

The Reclaimed Water program is responsible for storage, pumping, transmission, and distribution of reclaimed water to residential and commercial customers. Functions include the maintenance of the system and direct customer related activities. The use of Reclaimed Water for irrigation helps conserve our drinking water resources.

Non-Departmental – Water & Sewer Fund

The Non-Departmental cost center is used to account for all debt costs on outstanding Water & Sewer revenue bonds issued in 2003, 2009, 2011 and 2015.

Maintenance Facility

The Maintenance Facility (formerly Public Service Complex) provides for common area maintenance and utilities to upkeep the maintenance yard at 1650 N. Arcturus Avenue.

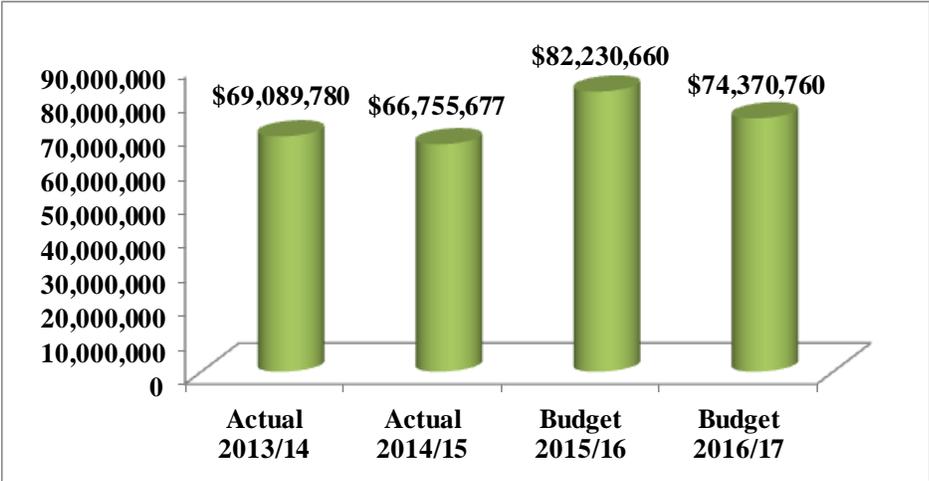
Budget Summary

	Actual 2013/14	Actual 2014/15	Budget 2015/16	Budget 2016/17	% Change
Water And Sewer Fund					
Administration	956,532	916,251	1,122,590	1,586,550	41%
Wastewater Collection	5,722,813	6,218,173	13,730,220	10,632,980	-23%
Infrastructure Maintenance	4,074,085	4,049,419	5,769,310	4,646,290	-19%
WW Environment Technologies	10,621,074	12,023,614	16,525,090	19,603,910	19%
Laboratory Operations	1,440,020	1,226,283	1,502,590	1,613,290	7%
Industrial Pretreatment	704,760	724,440	914,050	955,760	5%
Water Distribution	13,591,462	13,502,647	11,638,370	6,704,070	-42%
Water Supply	15,523,686	11,868,976	14,492,130	12,079,990	-17%
Reclaimed Water	2,345,467	2,172,072	2,490,510	2,487,730	0%
Non-Departmental	13,870,711	13,780,958	13,770,350	13,774,160	0%
Subtotal - Water and Sewer Fund	68,850,610	66,482,833	81,955,210	74,084,730	-10%
General Fund					
Maintenance Facility	239,170	272,844	275,450	286,030	4%
Total Public Utilities	69,089,780	66,755,677	82,230,660	74,370,760	-10%

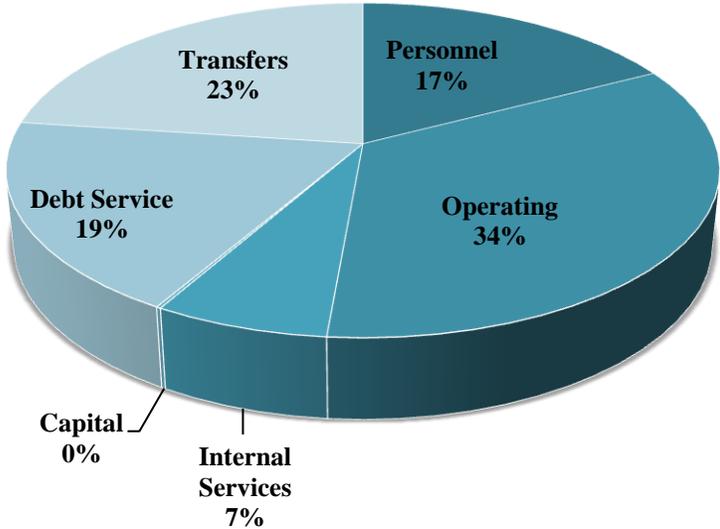
Full Time Equivalent Positions

Water And Sewer Fund					
Administration	6.0	7.0	7.0	11.0	4.00
Wastewater Collection	24.0	24.0	24.0	23.0	(1.00)
Infrastructure Maintenance	26.0	27.0	29.0	30.0	1.00
WW Environment Technologies	40.0	40.0	40.0	38.0	(2.00)
Laboratory Operations	8.0	8.0	9.0	9.0	0.00
Industrial Pretreatment	6.0	6.0	6.0	6.0	0.00
Water Distribution	36.0	36.0	36.0	35.0	(1.00)
Water Supply	13.0	19.0	19.0	19.0	0.00
Reclaimed Water	17.0	17.0	17.0	17.0	0.00
Total Public Utilities FTEs	176.0	184.0	187.0	188.0	1.0

Department Total Summary



Fiscal Year 2016/17 Budget by Category



Key Performance Indicator	FY 2013/14	FY 2014/15	FY 2015/16
Last Drinking Water Violation The last violation noted was a Tier II Treatment Technique Violation, which did not affect any water quality distributed.	n/a	n/a	08/04/16
Water Gross Per Capita Day (GPCD) *This is a measure of how many gallons of water, on average, Clearwater residents consume daily. Annual figures received in July based on prior calendar year activity. <u>Benchmark:</u> Agency standard of >130 GPCD	79	84	76
Water Production <ul style="list-style-type: none"> • MGD Produced • MGD Purchased *Percentage of total water usage, locally produced in Clearwater vs. purchased from Pinellas County.	42% 58%	58% 42%	68% 32%

Water and Sewer Fund
Budget Highlights

- ◆ The Water and Sewer Fund is a self-supporting enterprise operation established to fund all operating, maintenance and improvements necessary to provide citywide water supply, water distribution, wastewater collection, wastewater treatment and reclaimed water programs.
- ◆ The Water and Sewer Fund reimburses the General Fund for administrative services such as the City Manager, City Attorney’s Office, and Official Records functions. The total cost of this service is anticipated at \$2,895,150 for fiscal year 2016/17, an increase of 10% from the 2015/16 budget.
- ◆ The Water and Sewer Fund includes all Public Utilities programs: Administration, Potable Water Supply, Water Distribution, Reclaimed Water, Wastewater Collection, Infrastructure Maintenance, Wastewater Environmental Technologies, Industrial Pretreatment, and the Laboratory. These programs have 188 full-time equivalent (FTEs) positions, an increase of one FTE from the 2015/16 budget. For fiscal year 2016/17, a Maintenance Manager is added to the Infrastructure Maintenance program.
- ◆ Operating expenses include \$5.1 million for water purchases for resale from Pinellas County, which is approximately 20% of total operating expenses in the Water and Sewer Fund. This reflects an 8.5% increase from prior year.
- ◆ The Water and Sewer Fund reimburses the General Fund for specific services provided by General Fund programs. This is primarily support for the administrative, environmental, and engineering programs. The total cost of this service is anticipated at \$2,128,190 for 2016/17, a 14% increase from the 2015/16 budget.
- ◆ Other Operating expenditures reflect a 6% decrease from the 2015/16 budget due to decreases in electric utility charges, chemical supplies and operating supplies. This reduces large increases made in the prior year in anticipation for the opening of RO#2, and brings the budget in line with actual activity.
- ◆ Per City Council policy, the Water and Sewer Fund makes a payment in lieu of taxes in the amount of \$3,881,550 to support the General Fund. The computation is based upon a rate of 5.5% of fiscal 2014/15 gross revenues. The 2016/17 contribution represents a 5% increase from the 2015/16 budget.

- ◆ Capital costs include purchases totaling \$132,100 across all programs. Purchases include concrete cutters, a pipeline assessment tool, a portable generator, various pumps, and meters, a glass washer, portable lighting, and a trailer. Also included is the purchase of a truck for the Industrial Pretreatment Team.
- ◆ Debt Service cost, which include debt on outstanding bonds and new vehicle purchases, total \$13,904,040 for the fiscal year 2016/17 budget which is a slight increase from the 2015/16 budget.
- ◆ Transfers to the Capital Improvement Fund to support Water and Sewer projects as planned in the 2016 Rate Study are \$13,137,360 for 2016/17 budget.
- ◆ There are no other significant changes to the Water and Sewer Fund budget. The 2016/17 budget reflects a 10% decrease from the 2015/16 budget primarily due to decreased transfers to the Capital Improvement Fund.

General Fund **Maintenance Facility** **Budget Highlights**

- ◆ This General Fund cost center provides only for common area maintenance and utilities to upkeep the maintenance yard at 1650 N. Arcturus Avenue.
- ◆ There are no significant changes in the budget for the Maintenance Facility. The 2016/17 budget reflects an increase of 4% from the fiscal year 2015/16 budget due to increased support from the General Services department.

