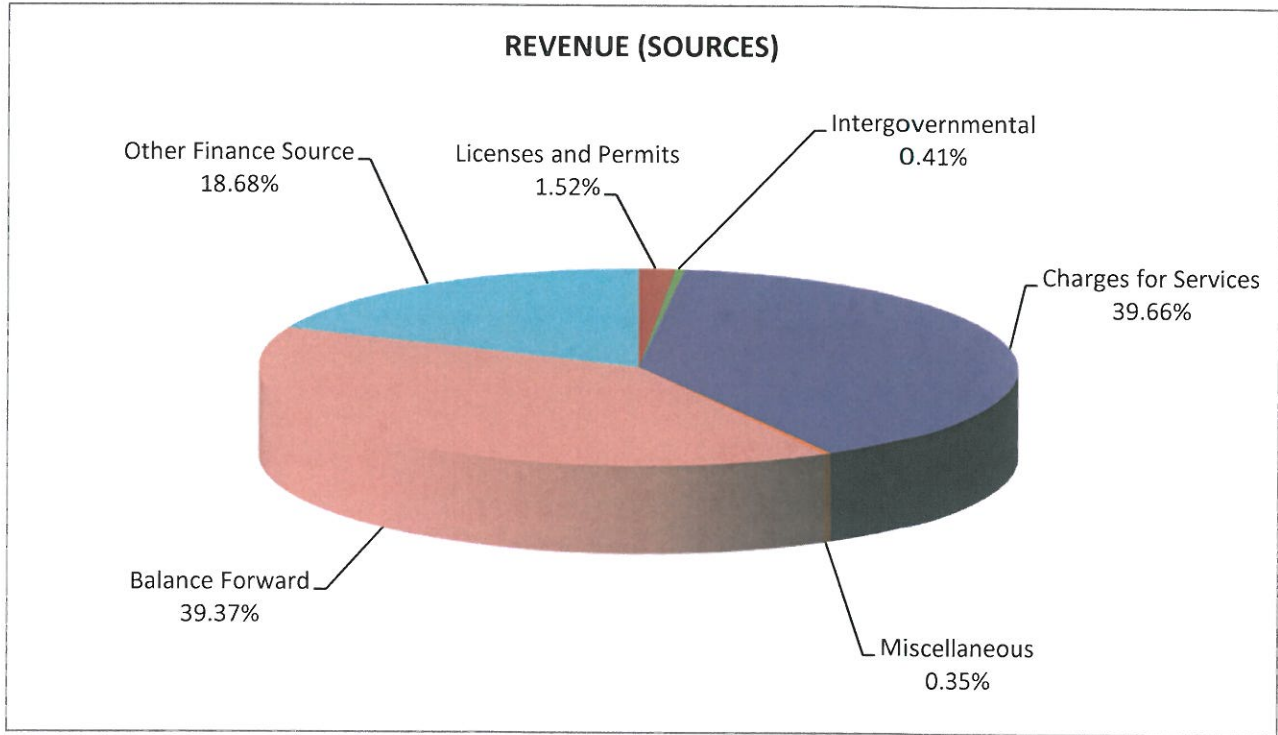
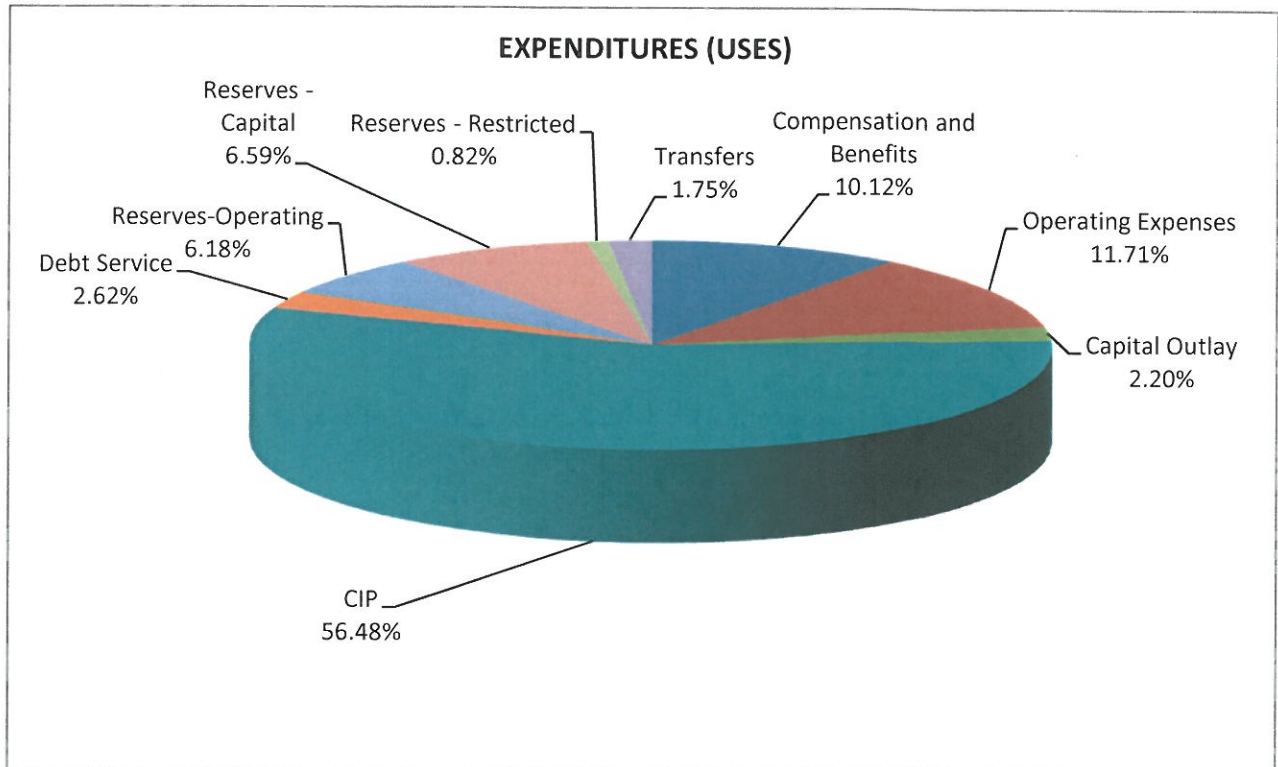


UTILITY SERVICES DEPARTMENT



ADOPTED BUDGET FY2017-2018 \$102,560,259



UTILITY SERVICES DEPARTMENT SUMMARY

MISSION STATEMENT:

Provide for the protection of the public health through the operation and maintenance of publicly owned water and wastewater systems.

PROGRAMS AND SERVICES:

COUNTY WATER AND WASTEWATER PROGRAMS (COUNTY AND BAREFOOT BAY)

Water Service

- Treat groundwater to meet drinking water standards
- Maintain water distribution system and mechanical equipment
- Test water quality

Wastewater Service

- Collect wastewater and pump to treatment plant
- Treat and dispose of Wastewater according to permitted standards
- Maintain equipment and lines
- Test water quality
- Correct aging infrastructure problems with Renewal and Replacement (R&R) projects

ACCOMPLISHMENTS, INITIATIVES, TRENDS AND ISSUES AND SERVICE LEVEL IMPACTS:

Accomplishments:

- Completion of the new Septage and Grease Treatment System at the South Central Treatment Plant
- Completion of Phase 1 and Phase 2 of the Mims Water Main Replacement Project
- Completion of the Barge Canal Force Main Replacement Project
- Completion of Port Saint John Waste Water Treatment Plant Improvements

Initiatives:

- Rehabilitate 104 lift stations over 5 year period
- Continue \$13 million inflow and Infiltration reduction program
- Replace South Patrick/Riverside Drive Force Main to improve reliability of this major South Beaches wastewater transmission system
- Increase capacity of the South Central Wastewater Treatment Plant from 6 MGD to 12 MGD

Trends and Issues:

The Department's infrastructure improvement plan continues in FY 2017-2018. The capital improvement budget of \$55 million includes funding for one hundred and twelve projects, including forty aging sewer pumping stations, replacement or relining of numerous water and sewer mains and the continuation and completion of the expansion to the South Central Wastewater Treatment Plant in Viera.

Funding for these improvements will come from water and wastewater service and connection fees and a low-interest loan from the State Revolving Loan (SRF) program. Projects funded from the proceeds of the Utility Revenue Bonds issued in FY 2014-2015 will be completed by September 2017.

UTILITY SERVICES DEPARTMENT SUMMARY

Improvements in the Barefoot Bay Water and Sewer District continue. Funding has been appropriated for sewer line relining which will help preserve capacity in the Barefoot Bay system. The budget includes \$1,405,000 in improvements for FY 2017-2018.

The Department's most significant challenge is the difficulty in retaining specialized personnel. Trained treatment plant operators, master electricians, SCADA technicians and other specialized personnel are being lost to other counties, cities and the private sector due to the differential in salaries.

The Department is also having difficulties recruiting and hiring qualified personnel. The vacancy rate of 11%-15% in recent years, equates to approximately 16-24 full-time positions. In addition, the pay scales seem to limit the number of qualified individuals that will apply for open positions. The vacancy rate has required the use of temporary, less qualified personnel.

Service Level Impacts:

N/A

UTILITY SERVICES DEPARTMENT: SUMMARY

DEPARTMENT REVENUES AND EXPENDITURES

	Actual FY2015-2016	Final Budget FY2016-2017	Adopted Budget FY2017-2018	Difference	% (Inc)/Dec
REVENUES:					
Taxes	\$0	\$0	\$0	\$0	0.00%
Permits, Fees & Spec. Assess.	\$2,791,890	\$2,206,500	\$1,638,572	(\$567,928)	(25.74%)
Intergovernmental	\$1,681,795	\$2,114,069	\$444,211	(\$1,669,858)	(78.99%)
Charges for Services	\$36,111,980	\$39,478,718	\$42,819,102	\$3,340,384	8.46%
Fines and Forfeits	\$0	\$0	\$0	\$0	0.00%
Miscellaneous	\$774,648	\$154,492	\$382,263	\$227,771	147.43%
Statutory Reduction	\$0	(\$2,197,690)	(\$2,264,208)	(\$66,518)	3.03%
<i>Operating Revenues</i>	\$41,360,312	\$41,756,089	\$43,019,940	\$1,263,851	3.03%
Balance Forward	\$53,355,466	\$49,756,118	\$40,377,584	(\$9,378,534)	(18.85%)
Transfers - General Revenue	\$0	\$0	\$0	\$0	0.00%
Transfers - Other	\$0	\$0	\$0	\$0	0.00%
Other Finance Source	\$1,356,309	\$28,315,000	\$19,162,735	(\$9,152,265)	(32.32%)
<i>Non-Operating Revenues</i>	\$54,711,775	\$78,071,118	\$59,540,319	(\$18,530,799)	(23.74%)
TOTAL REVENUES	\$96,072,087	\$119,827,207	\$102,560,259	(\$17,266,948)	(14.41%)
EXPENDITURES:					
Compensation and Benefits	\$9,369,721	\$10,463,989	\$10,374,042	(\$89,947)	(0.86%)
Operating Expenses	\$11,127,115	\$12,064,453	\$12,005,520	(\$58,933)	(0.49%)
Capital Outlay	\$1,999,375	\$3,749,394	\$2,255,505	(\$1,493,889)	(39.84%)
Grants and Aid	\$0	\$0	\$0	\$0	0.00%
<i>Operating Expenditures</i>	\$22,496,211	\$26,277,836	\$24,635,067	(\$1,642,769)	(6.25%)
CIP	\$19,569,221	\$77,312,187	\$57,929,696	(\$19,382,491)	(25.07%)
Debt Service	\$2,685,405	\$2,716,414	\$2,688,857	(\$27,557)	(1.01%)
Reserves-Operating	\$0	\$0	\$6,341,439	\$6,341,439	0.00%
Reserves - Capital	\$0	\$10,821,742	\$8,276,539	(\$2,545,203)	(23.52%)
Reserves - Restricted	\$0	\$895,000	\$895,000	\$0	0.00%
Transfers	\$1,702,953	\$1,804,028	\$1,793,661	(\$10,367)	(0.57%)
<i>Non-Operating Expenditures</i>	\$23,957,579	\$93,549,371	\$77,925,192	(\$15,624,179)	(16.70%)
TOTAL EXPENDITURES	\$46,453,790	\$119,827,207	\$102,560,259	(\$17,266,948)	(14.41%)
PERSONNEL:					
Full-time positions	162.00	161.00	161.00	0.00	0.00%
Part-time Positions	1.00	1.00	1.00	0.00	0.00%
Full-time Equivalent	162.50	161.50	161.50	0.00	0.00%
Temporary FTE	0.00	0.00	0.00	0.00	0.00%
Seasonal FTE	0.00	0.00	0.00	0.00	0.00%

COUNTY WATER AND WASTEWATER: PROGRAM PROFILE

PROGRAM REVENUES AND EXPENDITURES

	Actual FY2015-2016	Final Budget FY2016-2017	Adopted Budget FY2017-2018	Difference	% (Inc)/Dec
REVENUES:					
Taxes	\$0	\$0	\$0	\$0	0.00%
Permits, Fees & Spec. Assess.	\$2,786,215	\$2,200,000	\$1,636,072	(\$563,928)	(25.63%)
Intergovernmental	\$1,501,785	\$2,114,069	\$444,211	(\$1,669,858)	(78.99%)
Charges for Services	\$32,247,922	\$35,227,794	\$38,593,942	\$3,366,148	9.56%
Fines and Forfeits	\$0	\$0	\$0	\$0	0.00%
Miscellaneous	\$731,573	\$147,000	\$337,980	\$190,980	129.92%
Statutory Reduction	\$0	(\$1,984,445)	(\$2,050,611)	(\$66,166)	3.33%
<i>Operating Revenues</i>	\$37,267,495	\$37,704,418	\$38,961,594	\$1,257,176	3.33%
Balance Forward	\$50,471,198	\$47,011,251	\$36,795,276	(\$10,215,975)	(21.73%)
Transfers - General Revenue	\$0	\$0	\$0	\$0	0.00%
Transfers - Other	\$0	\$0	\$0	\$0	0.00%
Other Finance Source	\$1,356,309	\$28,315,000	\$19,162,735	(\$9,152,265)	(32.32%)
<i>Non-Operating Revenues</i>	\$51,827,507	\$75,326,251	\$55,958,011	(\$19,368,240)	(25.71%)
TOTAL REVENUES	\$89,095,002	\$113,030,669	\$94,919,605	(\$18,111,064)	(16.02%)
EXPENDITURES					
Compensation and Benefits	\$8,493,730	\$9,572,515	\$9,491,860	(\$80,655)	(0.84%)
Operating Expenses	\$10,244,115	\$11,160,979	\$10,982,231	(\$178,748)	(1.60%)
Capital Outlay	\$1,823,224	\$3,556,394	\$1,926,284	(\$1,630,110)	(45.84%)
Grants and Aid	\$0	\$0	\$0	\$0	0.00%
<i>Operating Expenditures</i>	\$20,561,069	\$24,289,888	\$22,400,375	(\$1,889,513)	(7.78%)
CIP	\$18,762,962	\$76,997,159	\$56,524,696	(\$20,472,463)	(26.59%)
Debt Service	\$1,475,064	\$1,486,082	\$1,471,231	(\$14,851)	(1.00%)
Reserves-Operating	\$0	\$0	\$5,904,439	\$5,904,439	0.00%
Reserves - Capital	\$0	\$8,568,248	\$6,939,121	(\$1,629,127)	(19.01%)
Reserves - Restricted	\$0	\$0	\$0	\$0	0.00%
Transfers	\$1,586,094	\$1,689,292	\$1,679,743	(\$9,549)	(0.57%)
<i>Non-Operating Expenditures</i>	\$21,824,120	\$88,740,781	\$72,519,230	(\$16,221,551)	(18.28%)
TOTAL EXPENDITURES	\$42,385,190	\$113,030,669	\$94,919,605	(\$18,111,064)	(16.02%)
PERSONNEL:					
Full-time positions	149.00	148.00	148.00	0.00	0.00%
Part-time Positions	0.00	0.00	0.00	0.00	0.00%
Full-time Equivalent	149.00	148.00	148.00	0.00	0.00%
Temporary FTE	0.00	0.00	0.00	0.00	0.00%
Seasonal FTE	0.00	0.00	0.00	0.00	0.00%



COUNTY WATER AND WASTEWATER: BUDGET VARIANCES

REVENUES	VARIANCE	% VARIANCE	EXPLANATION
Taxes	\$0	0.00%	
Permits, Fees & Spec. Assess.	(\$563,928)	(25.63%)	Is reflective of the connection fee revenue that was collected in FY 2016-1017, fees are anticipated to be lower in FY 2017-2018
Intergovernmental	(\$1,669,858)	(78.99%)	Only one awarded grant is included in the budget request for FY 2017-2018, previously awarded grants were completed in FY 2016-2017
Charges for Services	\$3,366,148	9.56%	Due to the Board approved rate adjustments and growth in the customer base from new construction
Fines and Forfeits	\$0	0.00%	
Miscellaneous	\$190,980	129.92%	Associated with Interest Income as well as Sale of Surplus Property and Misc. Customer Charges that were not budgeted in FY 2016-2017
Statutory Reduction	(\$66,166)	3.33%	Corresponds with increase of Operating Revenue
Balance Forward	(\$10,215,975)	(21.73%)	Due to the completion of bond funded projects by September 2017, and the partial completion of the South Center Waste Water Treatment Plant (WWTP) expansion
Transfers - General Revenue	\$0	0.00%	
Transfers - Other	\$0	0.00%	
Other Finance Source	(\$9,152,265)	(32.32%)	Due to the partial completion of the South Center Waste Water Treatment Plant (WWTP) expansion

COUNTY WATER AND WASTEWATER: BUDGET VARIANCES

EXPENDITURES	VARIANCE	% VARIANCE	EXPLANATION
Compensation and Benefits	(\$80,655)	(0.84%)	Reflective of staff retirements, employee turnover and an 8% decrease in Employer's Health Insurance premium which is offset by Cost of Living Adjustments, FRS rate increases and cost distribution for a new Webmaster position
Operating Expenses	(\$178,748)	(1.60%)	Due to the completion of several maintenance projects in FY 2016-2017
Capital Outlay	(\$1,630,110)	(45.84%)	Due to the completion of the generator purchases for the South Central Waste Water Treatment Plant expansion in FY 2016-2017
Grants and Aid	\$0	0.00%	
CIP	(\$20,472,463)	(26.59%)	Due to the completion of multi year projects including the remaining bond funded projects, and the partial completion of the South Center Waste Water Treatment Plant (WWTP) expansion
Debt Service	(\$14,851)	(1.00%)	Scheduled bond payments remain at substantially the same level
Reserves-Operating	\$5,904,439	0.00%	Due to the reallocation of reserves between the Operating and Capital categories
Reserves - Capital	(\$1,629,127)	(19.01%)	Due to the reallocation of reserves between the Operating and Capital categories
Reserves - Restricted	\$0	0.00%	
Transfers	(\$9,549)	(0.57%)	Primarily due to a decrease in the transfer to the Information Technology Department for IT support

**COUNTY WATER AND WASTEWATER
PERFORMANCE MEASURES**

OBJECTIVE	MEASURE	ACTUAL FY 2015-2016	ESTIMATED FY 2016-2017	PROJECTED FY 2017-2018
Effective & Efficient Operations	Cost of wastewater treated per 1000 gallons	\$3.32	\$3.68	\$3.53
	Cost of water treated per 1000 gallons	\$4.95	\$4.78	\$4.67
	Water and wastewater meeting requirements	100%	100%	100%
Plan & Maintain Infrastructure and Improve the Transportation Network	Miles of asbestos cement pipe	18.9	16.5	16
	Can type lift stations	20	11	6
	Lift stations > 30 years old	89	84	94
Safeguard Life, Safety and Property; Maintaining Levels of Service	Gallons of wastewater treated (millions)	5,700	5,524	5,635
	Gallons of water provided (millions)	283	289	295

BAREFOOT BAY WATER AND WASTEWATER: PROGRAM PROFILE

PROGRAM REVENUES AND EXPENDITURES

	Actual FY2015-2016	Final Budget FY2016-2017	Adopted Budget FY2017-2018	Difference	% (Inc)/Dec
REVENUES:					
Taxes	\$0	\$0	\$0	\$0	0.00%
Permits, Fees & Spec. Assess.	\$5,675	\$6,500	\$2,500	(\$4,000)	(61.54%)
Intergovernmental	\$180,010	\$0	\$0	\$0	0.00%
Charges for Services	\$3,864,058	\$4,250,924	\$4,225,160	(\$25,764)	(0.61%)
Fines and Forfeits	\$0	\$0	\$0	\$0	0.00%
Miscellaneous	\$43,074	\$7,492	\$44,283	\$36,791	491.07%
Statutory Reduction	\$0	(\$213,245)	(\$213,597)	(\$352)	0.17%
<i>Operating Revenues</i>	\$4,092,817	\$4,051,671	\$4,058,346	\$6,675	0.16%
Balance Forward	\$2,884,268	\$2,744,867	\$3,582,308	\$837,441	30.51%
Transfers - General Revenue	\$0	\$0	\$0	\$0	0.00%
Transfers - Other	\$0	\$0	\$0	\$0	0.00%
Other Finance Source	\$0	\$0	\$0	\$0	0.00%
<i>Non-Operating Revenues</i>	\$2,884,268	\$2,744,867	\$3,582,308	\$837,441	30.51%
TOTAL REVENUES	\$6,977,085	\$6,796,538	\$7,640,654	\$844,116	12.42%
EXPENDITURES					
Compensation and Benefits	\$875,992	\$891,474	\$882,182	(\$9,292)	(1.04%)
Operating Expenses	\$883,000	\$903,474	\$1,023,289	\$119,815	13.26%
Capital Outlay	\$176,151	\$193,000	\$329,221	\$136,221	70.58%
Grants and Aid	\$0	\$0	\$0	\$0	0.00%
<i>Operating Expenditures</i>	\$1,935,142	\$1,987,948	\$2,234,692	\$246,744	12.41%
CIP	\$806,259	\$315,028	\$1,405,000	\$1,089,972	345.99%
Debt Service	\$1,210,341	\$1,230,332	\$1,217,626	(\$12,706)	(1.03%)
Reserves-Operating	\$0	\$0	\$437,000	\$437,000	0.00%
Reserves - Capital	\$0	\$2,253,494	\$1,337,418	(\$916,076)	(40.65%)
Reserves - Restricted	\$0	\$895,000	\$895,000	\$0	0.00%
Transfers	\$116,859	\$114,736	\$113,918	(\$818)	(0.71%)
<i>Non-Operating Expenditures</i>	\$2,133,458	\$4,808,590	\$5,405,962	\$597,372	12.42%
TOTAL EXPENDITURES	\$4,068,600	\$6,796,538	\$7,640,654	\$844,116	12.42%
PERSONNEL:					
Full-time positions	13.00	13.00	13.00	0.00	0.00%
Part-time Positions	1.00	1.00	1.00	0.00	0.00%
Full-time Equivalent	13.50	13.50	13.50	0.00	0.00%
Temporary FTE	0.00	0.00	0.00	0.00	0.00%
Seasonal FTE	0.00	0.00	0.00	0.00	0.00%

BAREFOOT BAY WATER AND WASTEWATER: BUDGET VARIANCES

REVENUES	VARIANCE	% VARIANCE	EXPLANATION
Taxes	\$0	0.00%	
Permits, Fees & Spec. Assess.	(\$4,000)	(61.54%)	Is reflective of the connection fee collections that are conservatively projected
Intergovernmental	\$0	0.00%	
Charges for Services	(\$25,764)	(0.61%)	Reflective of actual usage in FY 2016-2017, lower usage is anticipated to continue FY 2017-2018
Fines and Forfeits	\$0	0.00%	
Miscellaneous	\$36,791	491.07%	Associated with the Interest Income that is based on cash balance, the system is carrying a higher balance due to multi-year CIP projects
Statutory Reduction	(\$352)	0.17%	Corresponds with increase in Operating Revenue
Balance Forward	\$837,441	30.51%	Due to the carry forward of reserves for planned projects in FY 2017-2018
Transfers - General Revenue	\$0	0.00%	
Transfers - Other	\$0	0.00%	
Other Finance Source	\$0	0.00%	

BAREFOOT BAY WATER AND WASTEWATER: BUDGET VARIANCES

EXPENDITURES	VARIANCE	% VARIANCE	EXPLANATION
Compensation and Benefits	(\$9,292)	(1.04%)	Reflective of staff retirements, employee turnover and 8% decrease in Employer's Health insurance premium which is offset by Cost of Living Adjustments and FRS rate increases
Operating Expenses	\$119,815	13.26%	Due to an increase in repair and maintenance costs
Capital Outlay	\$136,221	70.58%	Due to the carry forward of funds for the treatment plant generator purchase
Grants and Aid	\$0	0.00%	
CIP	\$1,089,972	345.99%	Due to the construction of previously planned projects in FY 2017-2018
Debt Service	(\$12,706)	(1.03%)	Due to a slight decrease in scheduled bond payments
Reserves-Operating	\$437,000	N/A	Due to the reallocation of reserves between the Operating and Capital categories
Reserves - Capital	(\$916,076)	(40.65%)	Due to the reallocation of reserves between the Operating and Capital categories
Reserves - Restricted	\$0	0.00%	
Transfers	(\$818)	(0.71%)	Due to a reduction in Payment in Lieu of Taxes

**BAREFOOT BAY WATER-WASTEWATER
PERFORMANCE MEASURES**

OBJECTIVE	MEASURE	ACTUAL FY 2015-2016	ESTIMATED FY 2016-2017	PROJECTED FY 2017-2018
Effective & Efficient Operations	Cost of wastewater treated per 1000 gallons	\$4.01	\$4.58	\$4.28
	Cost of water treated per 1000 gallons	\$8.03	\$7.36	\$8.21
	Water and wastewater meeting requirements	100%	100%	100%
Plan & Maintain Infrastructure and Improve the Transportation Network	Lift stations > 30 years old	5	5	7
Safeguard Life, Safety and Property; Maintaining Levels of Service	Gallons of wastewater treated (millions)	246	221	226
	Gallons of water provided (millions)	156	154	157

**UTILITY SERVICES DEPARTMENT
CAPITAL OUTLAY SUMMARY¹**

DESCRIPTION	QUANTITY	UNIT COST	FUNDING SOURCE	TOTAL COST
UTILITY SERVICES WATER/WASTEWATER PROGRAM:				
MIMS WATER SERVICE AREA				
Fork Lift for Mims WTP	1	\$40,000	User Fees	\$40,000
Off Road Utility Vehicle - WTP	1	\$11,000	User Fees	\$11,000
TOTAL FUNDED FOR PROGRAM:				\$51,000
NORTH BREVARD SERVICE AREA				
Off Road Utility Vehicle - WWTP	1	\$11,000	User Fees	\$11,000
5 Yd Sludge Dump Truck 750	1	\$90,000	User Fees	\$90,000
Commercial Mower	1	\$15,000	User Fees	\$15,000
5 Yd Sludge Dump Truck 750	1	\$90,000	User Fees	\$90,000
Portable emergency bypass pump	1	\$35,000	User Fees	\$35,000
TOTAL FUNDED FOR PROGRAM:				\$241,000
PORT ST JOHN SERVICE AREA				
3500 Dump Truck	1	\$40,000	User Fees	\$40,000
TOTAL FUNDED FOR PROGRAM:				\$40,000
SYKES CREEK SERVICE AREA				
Bench top Analyzer	1	\$5,500	User Fees	\$5,500
Utility body truck for painter	1	\$42,000	User Fees	\$42,000
Pipe Plug Set 4" to 12"	1	\$15,000	User Fees	\$15,000
Trailer Mounted Generator 80 kW	2	\$35,000	User Fees	\$70,000
Trailer Mounted Generator 150 kW	1	\$45,000	User Fees	\$45,000
Portable emergency bypass pump	1	\$35,000	User Fees	\$35,000
Utility Truck w/ Crane	1	\$106,504	User Fees	\$106,504
TOTAL FUNDED FOR PROGRAM:				\$319,004
SOUTH CENTRAL SERVICE AREA				
4 X 4 Utility Truck with 5000 lb. Crane	1	\$80,000	User Fees	\$80,000
Trailer Mounted Generator 80 kW	4	\$60,000	User Fees	\$240,000
Trailer Mounted Generator 120 kW	1	\$75,000	User Fees	\$75,000
Off Road Utility Vehicle	1	\$11,000	User Fees	\$11,000
Off Road Utility Vehicle	1	\$11,000	User Fees	\$11,000
3/4 Ton 4 X 4 Pick-up Truck	1	\$32,000	User Fees	\$32,000
Telescopic Boom Lift	1	\$150,000	Connection Fees	\$150,000
S Central WWTP Expansion furnishings/equipment	1	\$160,000	Connection Fees	\$160,000
TOTAL FUNDED FOR PROGRAM:				\$759,000

1) Equipment with a value in excess of \$1,000 (computers \$750). Approved items may be purchased using existing Public Sector Purchasing Cooperative contracts awarded through full and open competition when in the best interest of the County.

**UTILITY SERVICES DEPARTMENT
CAPITAL OUTLAY SUMMARY¹**

DESCRIPTION	QUANTITY	UNIT COST	FUNDING SOURCE	TOTAL COST
SOUTH BEACHES SERVICE AREA				
Portable Generator 80 kW	1	\$60,000	User Fees	\$60,000
Utility Vehicle for SCADA Tech	1	\$40,000	User Fees	\$40,000
Tractor w/ Mower attachment	1	\$75,000	User Fees	\$75,000
Spare Pump for lift stations 25 hp	1	\$34,000	User Fees	\$34,000
Spare Pump for lift stations 75 hp	1	\$60,000	User Fees	\$60,000
Dump Truck	1	\$135,000	User Fees	\$135,000
Pick-up Truck 2500	1	\$42,000	User Fees	\$42,000
Tilt Trailer	1	\$10,000	User Fees	\$10,000
TOTAL FUNDED FOR PROGRAM:				\$456,000
ADMINISTRATION & ENGINEERING				
Work stations	7	\$961	User Fees	\$6,727
SCADA laptop	4	\$2,500	User Fees	\$10,000
SCADA Workstation with OE license	1	\$4,800	User Fees	\$4,800
SCADA Workstations	3	\$5,000	User Fees	\$15,000
CUSI Billing Software - UMS 38%	1	\$23,753	User Fees	\$23,753
TOTAL FUNDED FOR PROGRAM:				\$60,280
BAREFOOT BAY				
Replacement truck for meter reader	1	\$22,000	User Fees	\$22,000
CUSI Billing Software - UMS 62%	1	\$38,754	User Fees	\$38,754
Replace anoxic mixer Winches	4	\$2,000	User Fees	\$8,000
Equipment Trailer	1	\$4,500	User Fees	\$4,500
Industrial Sewer Snake	1	\$2,200	User Fees	\$2,200
Batwing Mower	1	\$65,000	User Fees	\$65,000
Replace Non-Portable Water Pump	1	\$2,500	User Fees	\$2,500
Replace generator at WWTP	1	\$186,267	User Fees	\$186,267
TOTAL FUNDED FOR PROGRAM:				\$329,221
TOTAL FUNDED FOR THE DEPARTMENT:				\$2,255,505
UTILITY SERVICES WATER/WASTEWATER				
305 E2 Excavator - Sykes	1	\$55,000	User Fees	\$55,000
Pumps, 4 inch - Sykes	2	\$35,000	User Fees	\$70,000
Vactor Truck - Sykes	1	\$401,000	User Fees	\$401,000
Bucket Truck - Sykes	1	\$150,000	User Fees	\$150,000
Pumps, 4 inch - Sykes	2	\$35,000	User Fees	\$70,000
Truck Mounted Jetting System - S Central	1	\$130,000	User Fees	\$130,000
Portable 8" Pump - S Beaches	1	\$50,000	User Fees	\$50,000

1) Equipment with a value in excess of \$1,000 (computers \$750). Approved items may be purchased using existing Public Sector Purchasing Cooperative contracts awarded through full and open competition when in the best interest of the County.

**UTILITY SERVICES DEPARTMENT
CAPITAL OUTLAY SUMMARY¹**

DESCRIPTION	QUANTITY	UNIT COST	FUNDING SOURCE	TOTAL COST
Vehicle for Superintendent - S Beaches	1	\$40,000	User Fees	\$40,000
Off Road Utility Vehicle - S Beaches	1	\$12,000	User Fees	\$12,000
Pick Up Truck 2500 - S Beaches	1	\$35,000	User Fees	\$35,000
Vac Con - S Beaches	1	\$425,000	User Fees	\$425,000
Plant Generators	1	\$750,000	User Fees	\$750,000
TOTAL UNFUNDED FOR DEPARTMENT:				\$2,188,000

1) Equipment with a value in excess of \$1,000 (computers \$750). Approved items may be purchased using existing Public Sector Purchasing Cooperative contracts awarded through full and open competition when in the best interest of the County.

**UTILITY SERVICES DEPARTMENT
CAPITAL IMPROVEMENTS PROGRAM**

DESCRIPTION	FUNDING SOURCE	TOTAL COST
WATER/WASTEWATER:		
Mims Water:		
Indian River Preserve (Didgeridoo) Raw Water Line	Connection Fees	\$300,000
Lime Sludge Handling System	User Fees	\$300,000
Mims Water CO2 Tank	User Fees	\$175,000
Mims Water Treatment Plant Supervisory Control And Data Acquisition (SCADA) Upgrades	User Fees	\$150,000
Mims WTP Vehicle Storage Building	User Fees	\$150,000
Replace Clarifier Blowdown Pumps	User Fees	\$60,000
Replace High Service Pumps And Motors	User Fees	\$150,000
Replace VFD's, PLC's And Flow Meter For High Service Pumps (4)	User Fees	\$425,000
Water Main Replacement	User Fees	\$100,000
Well Facility Replacements	User Fees	\$442,000
TOTAL FUNDED FOR PROGRAM:		\$2,252,000
North Brevard Wastewater:		
Extend N10 Gravity Sewer And Demolish Lift Station N04	User Fees	\$425,000
Filter Gallery Replacement	User Fees	\$50,000
Force Main N13 Rehabilitation	User Fees	\$242,000
North Brevard Chlorine Structure Replacement	User Fees	\$40,000
North Brevard Filter Rehabilitation	User Fees	\$500,000
North Brevard Inflow And Infiltration Reduction	User Fees	\$250,000
North Brevard Lift Stations	User Fees	\$880,000
North Brevard WWTP Dumping Bed	User Fees	\$400,000
Replace RAS/WAS Pumping	User Fees	\$300,000
Treatment Plant Driveway	User Fees	\$250,000
WWTP Replacement Aerators	User Fees	\$667,000
TOTAL FUNDED FOR PROGRAM:		\$4,004,000
Non-specific:		
Telemetry Modernization	User Fees	\$250,000
TOTAL FUNDED FOR PROGRAM:		\$250,000
Port St John Wastewater:		
Construct Concrete Block Building For Compressors	User Fees	\$350,000
Port St John Lift Stations	User Fees	\$670,000
Port St John Pave Plant Access Road	User Fees	\$150,000
Port St John Inflow And Infiltration Reduction	User Fees	\$150,000
Sludge Dewatering System	User Fees	\$650,000
TOTAL FUNDED FOR PROGRAM:		\$1,970,000

**UTILITY SERVICES DEPARTMENT
CAPITAL IMPROVEMENTS PROGRAM**

DESCRIPTION	FUNDING SOURCE	TOTAL COST
WATER/WASTEWATER:		
South Beach Wastewater:		
Aerator System Replacement	User Fees	\$58,000
B06 Force Main Grouting	User Fees	\$500,000
Digester Centrifugal Blowers Replacement	User Fees	\$400,000
Equalization Basin Float Control Valves And Tank Repairs	User Fees	\$250,000
Force Main S12 Replacement	User Fees	\$41,000
High Service Pumps (Vertical Turbine)	User Fees	\$750,000
Mechanical Bar Screen Replacement	User Fees	\$1,000,000
Process Blower Replacement	User Fees	\$650,000
Rehabilitate Discharge Ponds	User Fees	\$275,000
South Beach Inflow And Infiltration Reduction	User Fees	\$500,000
South Beach Lift Stations	User Fees	\$3,068,235
South Beach WWTP Supervisory Control And Data Acquisition (SCADA) Upgrades	User Fees	\$100,000
South Patrick Drive Force Main Replacement	User Fees	\$1,425,000
North Riverside Force Main Improvements	User Fees	\$400,000
Treatment Process Improvements	User Fees	\$1,605,000
TOTAL FUNDED FOR PROGRAM:		\$11,022,235
South Central Wastewater:		
Baytree Pressure Sustaining Valve Replacement	User Fees	\$75,000
IRCC Pressure Sustaining Valve Replacement	User Fees	\$75,000
Rehabilitate Belt Press Controls & Replace VFD's	User Fees	\$200,000
Replace In-Plant Reclaimed Water Pumps	User Fees	\$100,000
Reuse System Optimization Improvements	User Fees	\$400,000
Septage & Grease Pretreatment Facility Construction	User Fees	\$30,000
Sod Pond Improvements	User Fees	\$350,000
South Central Inflow And Infiltration Reduction	User Fees	\$425,000
South Central Lift Stations	User Fees	\$3,220,102
South Central Supervisory Control And Data Acquisition (SCADA) Upgrades	User Fees	\$175,000
South Central Valve Replacements	User Fees	\$200,000
Suntree Booster Station Rehabilitation	User Fees	\$75,000
Treatment Plant Expansion To 12.0 MGD	Connection Fees/Loan	\$20,160,861
Wetlands Effluent Electrical	User Fees	\$60,000
TOTAL FUNDED FOR PROGRAM:		\$25,545,963
Sykes Wastewater:		
Aeration Basins (2) Motors And Do Control Upgrade	User Fees	\$600,000
Clarifier Rehabilitation (4)	User Fees	\$150,000
Force Main C01 Replacement	User Fees	\$40,000
Force Main C09 Replacement	Connection Fees/User Fees	\$156,890

**UTILITY SERVICES DEPARTMENT
CAPITAL IMPROVEMENTS PROGRAM**

DESCRIPTION	FUNDING SOURCE	TOTAL COST
WATER/WASTEWATER:		
Force Main M13 Replacement	User Fees	\$107,600
Force Main Newfound Harbor Replacement (V09 To V08)	User Fees	\$25,000
North Courtenay Parkway Forcemain Extension	Connection Fees/Grant	\$932,000
Reclaimed Water Improvements At WWTP	User Fees	\$200,000
Reuse Sand Filter Rehabilitation & Air Compressor	User Fees	\$372,008
Supervisory Control And Data Acquisition (SCADA) Upgrade	User Fees	\$100,000
Sykes Creek Inflow And Infiltration Reduction	User Fees	\$700,000
Sykes Creek Parkway Force Main Replacement	User Fees	\$800,000
Sykes Creek Wastewater Treatment Plant Improvements (Headworks)	User Fees	\$5,200,000
Sykes WWTP Window Replacement	User Fees	\$222,000
Sykes Lift Stations	User Fees	\$1,175,000
TOTAL FUNDED FOR PROGRAM:		\$10,780,498
West Cocoa Wastewater:		
West Cocoa Sewer Improvements	User Fees	\$700,000
TOTAL FUNDED FOR PROGRAM:		\$700,000
TOTAL FUNDED FOR WATER/WASTEWATER:		\$56,524,696
Barefoot Bay Water:		
Construct 300,000-Gallon Water Storage Tank And Demolish Existing Tank	User Fees	\$600,000
TOTAL FUNDED FOR PROGRAM:		\$600,000
Barefoot Bay Wastewater:		
Barefoot Bay Inflow & Infiltration Reduction	User Fees	\$105,000
Lift Station X15 Rehabilitation	User Fees	\$100,000
Modify Air Piping And Relocate Blowers	User Fees	\$600,000
TOTAL FUNDED FOR PROGRAM:		\$805,000
TOTAL FUNDED FOR BAREFOOT BAY:		\$1,405,000
TOTAL FUNDED FOR DEPARTMENT:		\$57,929,696