

**Brevard County
Citizens**

**Board of County
Commissioners**

County Management

**Utility Services Department
Programs and Services**

**County Water
and Wastewater**

**Barefoot Bay
Water and
Wastewater**

**Capital
Program**

**Manage Capital
Projects**

**Inspect Capital
Projects**

**Treat
Groundwater to
Drinking Water
Standards**

**Repair Broken
Water Lines**

**Repair
Equipment**

**Treat and
Collect
Wastewater**

**Respond to
Pump Station
Problems
Before Overflow**

**Reduce Storm
Water Intrusion
into Sewage
System**

**Test Water
Quality**

**Treat
Groundwater to
Drinking Water
Standards**

**Treat and
Collect
Wastewater**

**Repair Broken
Water Lines**

**Respond to
Pump Station
Problems
Before Overflow**

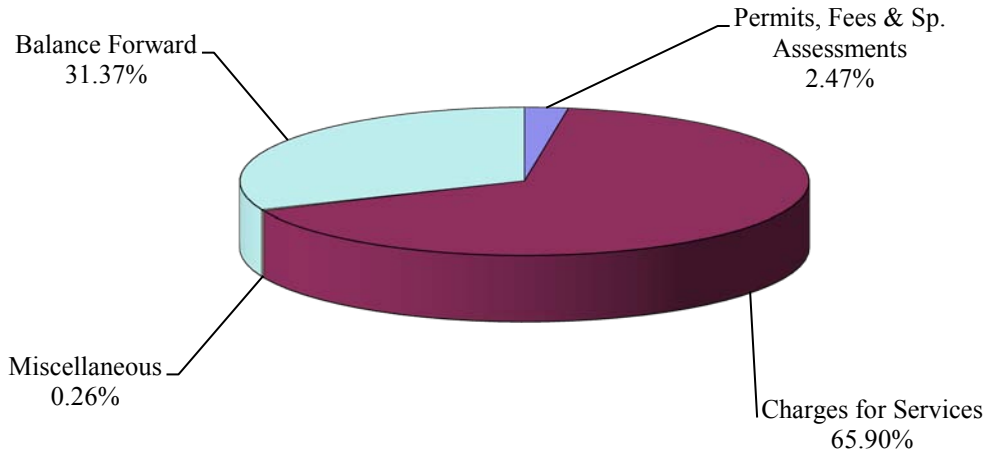
**Repair
Equipment**

**Reduce Storm
Water Intrusion
into Sewage
System**

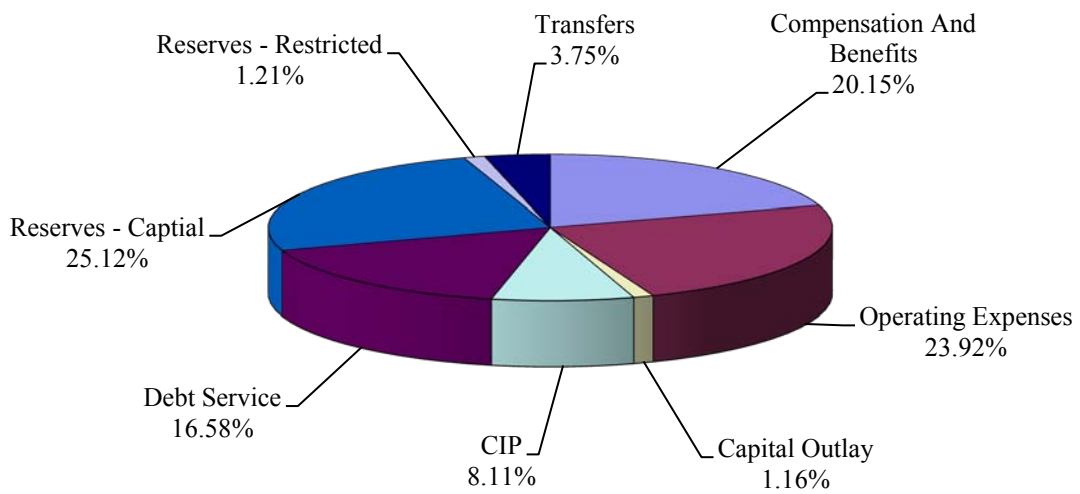
**Test Water
Quality**

UTILITY SERVICES DEPARTMENT

OPERATING REVENUES (SOURCES) FY 2011-2012 TOTAL BUDGET \$44,801,748



OPERATING EXPENDITURES (USES) FY 2011-2012 TOTAL BUDGET \$44,801,748



Note: Total percentage may not equal 100% due to rounding.

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) - Non-Mandated

Water Service

- Treat groundwater to meet drinking water standards
- Maintain well field production to meet peak seasonal demands
- Maintain water distribution system and mechanical equipment

Wastewater Service

- Treat and dispose of wastewater in an environmentally sound manner
- Maintain mechanical equipment and wastewater collection system

Capital Program

Provide funding and staff services to:

- Design and construct capital improvements to meet concurrency needs
- Correct aging infrastructure problems with Renewal and Replacement (R&R) projects
- Assure developer funded projects are properly designed and constructed
- Fund all Utility new and replacement vehicle and equipment needs.
- Accounting location of all Reserves

TRENDS AND ISSUES:

County Water and Wastewater Programs

Service Fee revenue will remain flat for FY2012. Connection fee revenue is expected to remain unchanged from FY 2011 and interest revenue will decline as a result of reduced reserve balances.

The Department's outstanding bond issue was defeased in March, 2011 utilizing existing reserves and loans from Solid Waste and Insurance reserves. These loans are anticipated to be paid back by April, 2013 and once all defeasance associated payments are completed Utility Services is scheduled to increase their infrastructure enhancements threefold over FY 2010-2011. Those savings generated from the elimination of debt service will be used to fund the department's backlog of renewal and replacement projects focused on pump station rehabilitation; gravity line and manhole rehabilitation to reduce inflow and infiltration; force main and water main replacements to reduce breaks and leaks; telemetry upgrades to replace failing 15 year old equipment; plant equipment rehabilitation or replacement, installation of emergency generators at lift stations and replacement of the East ring steel plant at Barefoot Bay.

Barefoot Bay Water and Sewer System

Service Fee revenue for the Barefoot Bay program will remain flat for FY 2012. Few new customer sign ups are expected and Connection Fee revenue will be minimal. Renewal and Replacement of aging infrastructure in Barefoot Bay will continue to be constrained by limited available funding.

MAJOR SERVICE LEVEL IMPACTS:

There are no major service level impacts for FY 2011-2012 for the Utility Services Department.

UTILITY SERVICES DEPARTMENT: DEPARTMENT SUMMARY

PROGRAM REVENUES AND EXPENDITURES

	Actual FY2009-2010	Final Budget FY2010-2011	Adopted Budget FY2011-2012	Difference Inc/(Dec)	% Inc/(Dec)
REVENUES:					
Taxes	\$0	\$0	\$0	\$0	0.00%
Permits, Fees, & Spec. Assess.	\$1,400,027	\$1,110,851	\$1,164,395	\$53,544	4.82%
Intergovernmental	\$0	\$0	\$0	\$0	0.00%
Charges for Services	\$29,457,339	\$29,525,000	\$31,078,947	\$1,553,947	5.26%
Fines and Forfeits	\$0	\$0	\$0	\$0	0.00%
Miscellaneous	\$419,151	\$337,923	\$121,705	(\$216,218)	(63.98%)
Statutory Reduction	\$0	\$0	(\$1,618,252)	(\$1,618,252)	0.00%
<i>Operating Revenues:</i>	\$31,276,517	\$30,973,774	\$30,746,795	(\$226,979)	(0.73%)
Balance Forward	\$26,110,935	\$29,136,484	\$14,054,953	(\$15,081,531)	(51.76%)
Transfers - General Revenue	\$0	\$0	\$0	\$0	0.00%
Transfers - Others	\$256,048	\$0	\$0	\$0	0.00%
Other Finance Sources	\$0	\$12,000,000	\$0	(\$12,000,000)	0.00%
<i>Non-Operating Revenues:</i>	\$26,366,983	\$41,136,484	\$14,054,953	(\$27,081,531)	(65.83%)
TOTAL REVENUES:	\$57,643,500	\$72,110,258	\$44,801,748	(\$27,308,510)	(37.87%)
EXPENDITURES:					
Compensation and Benefits	\$9,084,482	\$9,272,243	\$9,026,781	(\$245,462)	(2.65%)
Operating Expenses	\$11,199,540	\$10,296,708	\$10,717,834	\$421,126	4.09%
Capital Outlay	\$585,702	\$184,700	\$519,000	\$334,300	181.00%
Grants and Aid	\$0	\$0	\$0	\$0	0.00%
<i>Operating Expenditures:</i>	\$20,869,724	\$19,753,651	\$20,263,615	\$509,964	2.58%
CIP	\$2,458,415	\$3,947,124	\$3,633,702	(\$313,422)	(7.94%)
Debt Service	\$8,927,612	\$31,588,045	\$7,429,314	(\$24,158,731)	(76.48%)
Reserves - Operating	\$0	\$0	\$0	\$0	0.00%
Reserves - Capital	\$0	\$10,354,142	\$11,252,843	\$898,701	8.68%
Reserves - Restricted	\$0	\$5,058,551	\$541,357	(\$4,517,194)	(89.30%)
Transfers	\$156,654	\$1,408,745	\$1,680,917	\$272,172	19.32%
<i>Non-Operating Expenditures:</i>	\$11,542,681	\$52,356,607	\$24,538,133	(\$27,818,474)	(53.13%)
TOTAL EXPENDITURES:	\$28,443,636	\$72,110,258	\$44,801,748	(\$27,308,510)	(37.87%)
PERSONNEL:					
Full-time Positions	150.00	149.00	149.00	0.00	0.00%
Part-time Positions	1.00	1.00	1.00	0.00	0.00%
Full-time Equivalent	150.50	149.50	149.50	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 FY2009-2010	Final Budget FY2010-2011	Adopted Budget FY2011-2012	Difference Inc/(Dec)	% Inc/(Dec)
REVENUES:					
Taxes	\$0	\$0	\$0	\$0	0.00%
Permits, Fees, & Spec. Assess.	\$1,400,027	\$1,104,351	\$1,157,895	\$53,544	4.85%
Intergovernmental	\$0	\$0	\$0	\$0	0.00%
Charges for Services	\$26,185,678	\$26,255,000	\$27,636,842	\$1,381,842	5.26%
Fines and Forfeits	\$0	\$0	\$0	\$0	0.00%
Miscellaneous	\$364,006	\$324,423	\$115,926	(\$208,497)	(64.27%)
Statutory Reduction	\$0	\$0	(\$1,445,533)	(\$1,445,533)	0.00%
<i>Operating Revenues:</i>	\$27,949,711	\$27,683,774	\$27,465,130	(\$218,644)	(0.79%)
Balance Forward	\$23,530,223	\$25,832,440	\$11,319,694	(\$14,512,746)	(56.18%)
Transfers - General Revenue	\$0	\$0	\$0	\$0	0.00%
Transfers - Others	\$235,379	\$0	\$0	\$0	0.00%
Other Finance Sources	\$0	\$12,000,000	\$0	(\$12,000,000)	0.00%
<i>Non-Operating Revenues:</i>	\$23,765,602	\$37,832,440	\$11,319,694	(\$26,512,746)	(70.08%)
TOTAL REVENUES:	\$51,715,313	\$65,516,214	\$38,784,824	(\$26,731,390)	(40.80%)
EXPENDITURES:					
Compensation and Benefits	\$8,249,830	\$8,180,890	\$8,189,914	\$9,024	0.11%
Operating Expenses	\$10,349,359	\$9,364,263	\$9,729,902	\$365,639	3.90%
Capital Outlay	\$585,702	\$130,700	\$519,000	\$388,300	297.09%
Grants and Aid	\$0	\$0	\$0	\$0	0.00%
<i>Operating Expenditures:</i>	\$19,184,891	\$17,675,853	\$18,438,816	\$762,963	4.32%
CIP	\$1,341,411	\$2,528,872	\$2,220,000	(\$308,872)	(12.21%)
Debt Service	\$7,760,680	\$30,367,177	\$6,202,500	(\$24,164,677)	0.00%
Reserves - Operating	\$0	\$0	\$0	\$0	0.00%
Reserves - Capital	\$0	\$9,045,240	\$10,303,930	\$1,258,690	13.92%
Reserves - Restricted	\$0	\$4,574,185	\$34,730	(\$4,539,455)	(99.24%)
Transfers	\$156,654	\$1,324,887	\$1,584,848	\$259,961	19.62%
<i>Non-Operating Expenditures:</i>	\$9,258,746	\$47,840,361	\$20,346,008	(\$27,494,353)	(57.47%)
TOTAL EXPENDITURES:	\$28,443,636	\$65,516,214	\$38,784,824	(\$26,731,390)	(40.80%)
PERSONNEL:					
Full-time Positions	137.00	136.00	136.00	0.00	0.00%
Part-time Positions	0.00	0.00	0.00	0.00	0.00%
Full-time Equivalent	137.00	136.00	136.00	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: PROGRAM PROFILE

BUDGET ANALYSIS:

REVENUES:

Operating Revenues decrease 0.79% or (\$218,644) reflecting a reduction in interest revenue. Interest revenue is down from last year as a result of reserve balances being used to defease Series 2002 Utility Revenue Bonds. Service Fee revenue remains flat for FY 2012 as new customer signups are offset by conservation and foreclosures.

Non-Operating Revenues decrease 70.08% or (\$26,512,746) reflecting reduced balance forward and last years one time interdepartmental loan to support the bond defeasance.

EXPENDITURES:

Operating Expenditures increase 4.32% or \$762,963 due primarily to a \$365,369 increase in Operating Expenses attributed to indirect support charges , a \$388,300 increase in Capital Outlay to procure maintenance vehicles, and a \$9,024 increase in compensation and benefits as a result of the elimination of furlough days and a programmed salary adjustment which was partially offset by a benefits decrease attributable to the adjustment to FRS retirement rates.

Non-Operating Expenditures decrease 57.47% or (\$27,494,353) due to a (\$24,164,677) reduction in Debt Service associated with the payoff of the Utility Revenue Bonds, a (\$308,872) reduction in CIP based on funding constraints, a (\$4,539,455) reduction in Restricted Reserves associated with their use in the Utility Revenue Bonds payoff, all partially offset by an increase of \$1,258,690 in Capital Reserves for out year projects and an increase of Transfers of \$259,961 associated with support services.

PROGRAM CHANGES:

FUNDED

Mechanical Integrity Test

\$125,000

COUNTY WATER AND WASTEWATER PROGRAM: PERFORMANCE MEASURES

GOALS:					
To provide a safe, dependable supply of high quality drinking water.					
To provide safe and environmentally sound collection, treatment and disposal of wastewater in compliance with permit requirements.					
FY 2010 - 2011 MAJOR ACCOMPLISHMENTS:					
1. Hansen work order system Implementation.					
2. 4-log virus reduction became operational at Water Plant.					
3. Defeased Series 2002 Utility Bonds.					
FY 2011 - 2012 INITIATIVES:					
1. Develop lift station pump management program to reduce electrical cost of pumping wastewater.					
2. TTHM reduction program for Mims Water Plant.					
3. Implement strong waste surcharge for treatment of leachate from the Central Disposal Facility.					
FOCUS AREA	OBJECTIVES	MEASURES	ACTUAL FY 2009-2010	TARGET FY 2010-2011	TARGET FY 2011-2012
1.0 CUSTOMER	1.1 Fulfill Workload Requirements	Gallons wastewater treated (millions)	4,879	4,928	4,977
		Gallons water provided (millions)	288	291	294
	1.2 Increase Customer Satisfaction	Number of water complaints	6	7	8
	1.3 Expand Community Outreach	Number of high flow toilets exchanged for low flow toilets	17	20	22
2.0 OPERATIONAL EFFECTIVENESS / EFFICIENCY	2.1 Improve Effectiveness	% of water/wastewater meeting permit requirement	99.90%	99.90%	99.90%
	2.2 Increase Efficiency	Cost per 1,000 gallons to collect and treat wastewater	\$3.58	\$3.57	\$3.71
		Cost per 1,000 gallons to treat and distribute water	\$4.50	\$4.36	\$4.50
3.0 EMPLOYEE DEVELOPMENT & INNOVATION	3.1 Improve Employee Engagement	Employee Engagement Rating ¹ :			
	3.2 Improve Workforce Development	% of employee evaluations completed on-time	63%	51%	95%
		Number of development plans created	79	80	119
		Number of training hours provided	1,015	1,025	1,035
4.0 FINANCIAL MANAGEMENT	4.1 Meet Financial & Budget Requirements	Operating Budget Vs Operating Actual	94%	98%	100%
		CIP Actual % of Utilization Vs Budget	46%	69%	75%
		% of CIP projects completed Vs Plan	30%	67%	75%

(1) The Employee Engagement Rating is based on a bi-annual survey, previously completed in FY 2010. Survey results will be available again in FY 2012. These results are reported by department, thus, no ratings are available for programs.

BAREFOOT BAY: PROGRAM PROFILE

PROGRAM REVENUES AND EXPENDITURES

	Actual FY2009-2010	Final Budget FY2010-2011	Adopted Budget FY2011-2012	Difference Inc/(Dec)	% Inc/(Dec)
REVENUES:					
Taxes	\$0	\$0	\$0	\$0	0.00%
Permits, Fees, & Spec. Assess.	\$0	\$6,500	\$6,500	\$0	0.00%
Intergovernmental	\$0	\$0	\$0	\$0	0.00%
Charges for Services	\$3,271,661	\$3,270,000	\$3,442,105	\$172,105	5.26%
Fines and Forfeits	\$0	\$0	\$0	\$0	0.00%
Miscellaneous	\$55,145	\$13,500	\$5,779	(\$7,721)	(57.19%)
Statutory Reduction	\$0	\$0	(\$172,719)	(\$172,719)	0.00%
<i>Operating Revenues:</i>	\$3,326,806	\$3,290,000	\$3,281,665	(\$8,335)	(0.25%)
Balance Forward	\$2,580,712	\$3,304,044	\$2,735,259	(\$568,785)	(17.21%)
Transfers - General Revenue	\$0	\$0	\$0	\$0	0.00%
Transfers - Others	\$20,669	\$0	\$0	\$0	0.00%
Other Finance Sources	\$0	\$0	\$0	\$0	0.00%
<i>Non-Operating Revenues:</i>	\$2,601,381	\$3,304,044	\$2,735,259	(\$568,785)	(17.21%)
TOTAL REVENUES:	\$5,928,187	\$6,594,044	\$6,016,924	(\$577,120)	(8.75%)
EXPENDITURES:					
Compensation and Benefits	\$834,652	\$1,091,353	\$836,867	(\$254,486)	(23.32%)
Operating Expenses	\$850,181	\$932,445	\$987,932	\$55,487	5.95%
Capital Outlay	\$0	\$54,000	\$0	(\$54,000)	(100.00%)
Grants and Aid	\$0	\$0	\$0	\$0	0.00%
<i>Operating Expenditures:</i>	\$1,684,833	\$2,077,798	\$1,824,799	(\$252,999)	(12.18%)
CIP	\$1,117,004	\$1,418,252	\$1,413,702	(\$4,550)	(0.32%)
Debt Service	\$1,166,932	\$1,220,868	\$1,226,814	\$5,946	0.00%
Reserves - Operating	\$0	\$0	\$0	\$0	0.00%
Reserves - Capital	\$0	\$1,308,902	\$948,913	(\$359,989)	(27.50%)
Reserves - Restricted	\$0	\$484,366	\$506,627	\$22,261	4.60%
Transfers	\$0	\$83,858	\$96,069	\$12,211	14.56%
<i>Non-Operating Expenditures:</i>	\$2,283,936	\$4,516,246	\$4,192,125	(\$324,121)	(7.18%)
TOTAL EXPENDITURES:	\$3,968,769	\$6,594,044	\$6,016,924	(\$577,120)	(8.75%)
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: PROGRAM PROFILE

BUDGET ANALYSIS:

REVENUES:

Operating Revenues decrease by 0.25% or (\$8,335) due primarily to a reduction in interest revenue. Additionally there are changes in two other revenue lines with a net decrease of (\$614) and are a result of calculating the Statutory Reduction of \$172,719 in comparison with the Charges for Services increase of \$172,105.

Non-Operating Revenues decrease 17.21% or (\$568,785) which reflects the completion of capital projects and corresponding reduction in balance forwards.

EXPENDITURES:

Operating Expenditures decrease 12.18% or (\$252,999) due to reductions in labor distribution from the County program to Barefoot Bay as well as the elimination of (\$54,000) in Capital Outlay.

Non-Operating Expenditures decrease 7.18% or (\$324,121) due to a (\$359,989) reduction in Capital Reserves partially offset by increases of \$22,261 in Restricted Reserves, \$12,211 in Transfers and \$5,946 in Debt Service.

PROGRAM CHANGES:
NONE REQUESTED

BAREFOOT BAY PROGRAM: PERFORMANCE MEASURES

GOALS:					
To provide a safe, dependable supply of high quality drinking water. To provide safe and environmentally sound collection, treatment and disposal of wastewater in compliance with permit requirements.					
FY 2010 - 2011 MAJOR ACCOMPLISHMENTS:					
1. Barefoot Bay Wastewater Plant Replacement. 2. 4-log virus reduction became operational at Water Plant.					
FY 2011 - 2012 INITIATIVES:					
1. None Identified.					
FOCUS AREA	OBJECTIVES	MEASURES	ACTUAL FY 2009-2010	TARGET FY 2010-2011	TARGET FY 2011-2012
1.0 CUSTOMER	1.1 Fulfill Workload Requirements	Gallons wastewater treated (millions)	199	201	203
		Gallons water provided (millions)	176	178	180
	1.2 Increase Customer Satisfaction	Number of water complaints	35	24	24
	1.3 Expand Community Outreach	Number of high flow toilets exchanged for low flow toilets	22	25	25
2.0 OPERATIONAL EFFECTIVENESS / EFFICIENCY	2.1 Improve Effectiveness	% of water/wastewater meeting permit requirement	99.90%	99.90%	99.90%
	2.2 Increase Efficiency	Cost per 1,000 gallons to collect and treat wastewater	\$4.27	\$4.73	\$4.86
		Cost per 1,000 gallons to treat and distribute water	\$4.73	\$5.11	\$5.42
3.0 EMPLOYEE DEVELOPMENT & INNOVATION	3.1 Improve Employee Engagement	Employee Engagement Rating ¹ :			
		% of employee evaluations completed on-time	57%	23%	95%
	3.2 Improve Workforce Development	Number of development plans created	6	2	12
		Number of training hours provided	65	70	75
4.0 FINANCIAL MANAGEMENT	4.1 Meet Financial & Budget Requirements	Operating Budget Vs Operating Actual	92%	98%	100%
		CIP Actual % of Utilization Vs Budget	41%	75%	100%
		% of CIP projects completed Vs Plan	0%	50%	100%

(1) The Employee Engagement Rating is based on a bi-annual survey, previously completed in FY 2010. Survey results will be available again in FY 2012. These results are reported by department, thus, no ratings are available for programs.

UTILITY SERVICES DEPARTMENT: CAPITAL OUTLAY SUMMARY

DESCRIPTION	QUANTITY	UNIT COST	FUNDING SOURCE	TOTAL COST
WATER/WASTEWATER PROGRAM				
Truck mounted sewer cleaner	1	\$310,000	User Fees	\$310,000
Pick up truck with utility bed and crane	1	\$45,000	User Fees	\$45,000
Pick up truck with utility bed and crane	1	\$45,000	User Fees	\$45,000
Pick up truck with utility bed and crane	1	\$45,000	User Fees	\$45,000
Pick up truck 4 wheel drive	1	\$30,000	User Fees	\$30,000
Utility vehicle 4 wheel drive	1	\$24,000	User Fees	\$24,000
Computer	1	\$2,000	User Fees	\$2,000
Pick Up Truck 1/4 ton	1	\$18,000	User Fees	\$18,000
TOTAL FOR PROGRAM:				\$519,000

¹ Expenditures for equipment with a value in excess of \$750 and an expected life of more than one year (e.g. automobiles and furniture).

UTILITY SERVICES DEPARTMENT: CAPITAL IMPROVEMENTS PROGRAM

DESCRIPTION	FUNDING SOURCE	TOTAL COST
WATER/WASTEWATER PROGRAM		
S10 Lift Station Rehab	User Fees	\$225,000
B-6 Force Main Replacement	User Fees	\$100,000
I&I South Beaches	User Fees	\$100,000
Vehicle Storage Building IHB	User Fees	\$100,000
South Beaches Infrastructure Improvements	User Fees	\$50,000
S06 Lift Station Rehab	User Fees	\$175,000
Clarifier South Beaches	User Fees	\$50,000
B19/B-7 Fm Interconnect	User Fees	\$50,000
Headworks Rehabilitation	User Fees	\$250,000
I&I Merritt Island	User Fees	\$200,000
Aeration Basin Rehabilitation	User Fees	\$120,000
Ls Panel Modernization	User Fees	\$100,000
T05 Lift Station Rehab	User Fees	\$200,000
Ls Telemetry Modernization	User Fees	\$100,000
Wetlands Access Rd So Cent	User Fees	\$150,000
Supplemental Air South Central	User Fees	\$50,000
Lime Slaker Mims Water Plant	User Fees	\$150,000
Clarifier North Brevard	User Fees	\$50,000
TOTAL FUNDED FOR PROGRAM:		\$2,220,000
BAREFOOT BAY PROGRAM		
Barefoot Bay East Unit Replacement (Construction)	Bond Proceeds	\$1,100,000
Barefoot Bay East Unit Replacement (Engineering)	User Fees	\$60,000
Barefoot Bay Water Plant Improvements	User Fees	\$253,702
TOTAL FUNDED FOR PROGRAM:		\$1,413,702