

City of Punta Gorda
 Utilities O M & R Fund
 Revenue and Expense Comparison
 Actual FY 2015 through Budget FY 2018

Revenue:	Actual FY 2015	Actual FY 2016	Budget FY 2017	Projected FY 2017	Budget FY 2018
Charges for Service - Water	\$ 8,587,022	\$ 9,069,465	\$ 9,113,332	\$ 10,380,615	\$ 9,385,070
Charges for Service - Sewer	6,402,527	6,743,164	6,894,705	7,288,415	7,100,140
Charges for Service - Other	282,906	304,763	145,900	206,100	145,900
Other Fees	1,700	2,900	1,300	1,550	1,300
Miscellaneous Revenues	543,507	148,031	65,400	121,525	96,315
Transfer from Water System Impacts	300,000	1,050,000			208,000
Transfer from Sewer System Impacts			200,000		
	<u>16,117,662</u>	<u>17,318,323</u>	<u>16,420,637</u>	<u>17,998,205</u>	<u>16,936,725</u>
Projected Carryover-Beginning	3,712,666	4,343,009	6,298,893	7,136,556	7,963,749
Prior Year Encumbrances	18,198	25,710		373,830	
Prior Year Re-Appropriation		154,500		132,000	
Total Utilities O M & R Revenues	<u>\$ 19,848,526</u>	<u>\$ 21,841,542</u>	<u>\$ 22,719,530</u>	<u>\$ 25,640,591</u>	<u>\$ 24,900,474</u>
Expenses:					
Utilities Administration	\$ 794,690	\$ 713,530	\$ 794,520	\$ 790,436	\$ 840,708
Billings and Collections - Admin	556,798	693,099	737,234	732,676	749,575
Water Treatment	3,008,706	2,773,632	3,100,853	3,096,225	3,283,068
Water Distribution	1,999,841	1,881,021	2,007,227	1,942,157	2,105,638
Wastewater Collection	1,795,459	1,647,373	1,809,198	2,121,072	1,859,271
Wastewater Treatment	2,639,919	2,648,277	3,071,699	3,154,499	3,022,320
Wastewater Fleet/Equip Maint	170,898	175,534	186,053	185,569	188,976
Other NonDepartmental	529,976	628,734	705,840	783,208	928,527
Subtotal Operations	<u>11,496,287</u>	<u>11,161,200</u>	<u>12,412,624</u>	<u>12,805,842</u>	<u>12,978,083</u>
Debt - Principal	555,839	573,860	143,000		
Debt - Interest	27,001	9,096	59,000		
Transfer to State Revolving Debt Fund	200,000	200,000	200,000	200,000	1,031,600
Transfer to Utilities Construction - Capital	3,046,180	1,755,000	1,660,000	4,671,000	7,310,000
Contribution to Interconnect		500,000	1,500,000		
Subtotal Operations, Debt & Transfers	<u>15,325,307</u>	<u>14,199,156</u>	<u>15,974,624</u>	<u>17,676,842</u>	<u>21,319,683</u>
Projected Carryover-End	<u>4,523,219</u>	<u>7,642,386</u>	<u>6,744,906</u>	<u>7,963,749</u>	<u>3,580,791</u>
Total Utilities O M & R Expenses	<u>\$ 19,848,526</u>	<u>\$ 21,841,542</u>	<u>\$ 22,719,530</u>	<u>\$ 25,640,591</u>	<u>\$ 24,900,474</u>

The Actual FY 2015 and Actual FY 2016 columns are based on comparison to budget (non-GAAP) and therefore include principal payments on debt, capital asset acquisitions, cash received from the sale of fixed assets, and projected carryovers and do not include depreciation, gain or loss on sale of fixed assets, contributed capital, asset transfers, and insurance recovery for assets.

**City of Punta Gorda, FI
Utilities O. M. R. Fund
Proforma Schedule of Revenues and Expenses
FY 2015 through FY 2022**

	Actual FY 2015	Actual FY 2016	Budget FY 2017	Projected FY 2017	Budget FY 2018	Proforma FY 2019	Proforma FY 2020	Proforma FY 2021	Proforma FY 2022
Revenues:									
Total Water Billings	\$ 8,587,022	\$ 9,069,465	\$ 9,113,332	\$ 10,380,615	\$ 9,385,070	\$ 9,478,921	\$ 9,573,710	\$ 9,669,447	\$ 9,766,142
Total Sewer Billings	6,402,527	6,743,164	6,894,705	7,288,415	7,100,140	7,171,142	7,242,853	7,315,282	7,388,435
Other Charges for Services	282,906	304,763	145,900	206,100	145,900	145,900	145,900	145,900	145,900
License & Permit Revenue	1,700	2,900	1,300	1,550	1,300	1,300	1,300	1,300	1,300
Miscellaneous Revenues	543,507	148,031	65,400	121,525	96,315	82,254	93,222	109,219	115,245
Transfer from Water & Sewer Impact Fees	300,000	1,050,000	200,000		208,000	830,000	830,000	830,000	480,000
Total Utilities OM&R Revenues	16,117,662	17,318,323	16,420,637	17,998,205	16,936,725	17,709,517	17,886,985	18,071,148	17,897,022
Expenses:									
Personnel Expenses	5,180,304	5,262,437	5,600,467	5,465,425	5,833,628	6,138,141	6,368,965	6,609,939	6,861,586
Operating Expenses	3,622,230	3,354,313	3,749,772	3,750,585	3,929,045	3,978,160	4,103,441	4,232,810	4,366,407
Administrative & Computer Overhead	2,333,070	2,336,911	2,490,685	2,509,685	2,565,410	2,642,372	2,721,644	2,803,293	2,887,392
Capital	360,683	207,540	521,700	1,030,147	600,000	650,000	700,000	700,000	700,000
Contingency			50,000	50,000	50,000	50,000	50,000	50,000	50,000
Net new operating exp - RO Plant						127,253	140,170	144,375	148,706
Subtotal Operations	11,496,287	11,161,201	12,412,624	12,805,842	12,978,083	13,585,926	14,084,220	14,540,417	15,014,091
Renewal & Replacement of Infrastructure	1,120,000	1,120,000	1,120,000	1,120,000	1,120,000	1,120,000	1,120,000	1,120,000	1,120,000
Transfer for Capital Improvement Projects	1,926,180	635,000	540,000	3,551,000	6,190,000	215,000	170,000	275,000	
Existing Debt Service	782,840	782,955	200,000	200,000	200,000	200,000	200,000	200,000	
New Debt Service - Capital Projects			202,000		415,800	960,000	960,000	960,000	960,000
Transfer to SRF Fund - reserve incr (decr)					415,800	544,200		(375,000)	
Contribution to Pipeline Project		500,000	1,500,000			1,500,000			
Total Utilities Expenses	15,325,307	14,199,156	15,974,624	17,676,842	21,319,683	18,125,126	16,534,220	16,720,417	17,094,091
Revenues in excess (short) of Expenses	792,355	3,119,167	446,013	321,363	(4,382,958)	(415,609)	1,352,765	1,350,731	802,931
Operating Reserves - Beg	3,730,864	4,523,219	6,298,893	7,642,386	7,963,749	3,580,791	3,165,182	4,517,947	5,868,678
Operating Reserves - End	<u>\$ 4,523,219</u>	<u>\$ 7,642,386</u>	<u>\$ 6,744,906</u>	<u>\$ 7,963,749</u>	<u>\$ 3,580,791</u>	<u>\$ 3,165,182</u>	<u>\$ 4,517,947</u>	<u>\$ 5,868,678</u>	<u>\$ 6,671,609</u>

Assumptions:

Revenue:

- FY 2018-2022 No rate increases
- FY 2018-2022 Est. 1% growth
- FY 2018 assumes Utilities Construction SWFWMD grant revenue of full 50% funding of RO project
- FY 2018-2022 Water Impact Fee Fund transfer for partial debt service on RO project
- FY 2019-2021 Wastewater Impact Fee Fund transfer for balance of Jones Loop force main project

Operations Includes:

Personnel Expense:

- FY 2018 - Increase 1.5 F.T.E. count: SCADA analyst added to WTP and part-time clerk added to WWTP
- FY 2018 - 3% merit incr, defined benefit pension based on all members with citywide total same as FY 2017, defined contrib pension 7.5% of pensionable wages, health insur 3% incr, & WC insur est 14% incr.
- FY 2019-2022 - 1 F.T.E. increase for GIS/Engineering technician in Administration; 3% merit incr, pension est 5% incr, health insur est. 6% incr & workers comp insur est 10% incr

Operating Expense:

- FY 2018- Per Departmental Request; Computer Overhead 3% est incr; Administrative Charges 3% est incr; Fire/General Liab insurance 5% est incr
- FY 2019-2022 - 3% est increase; except Fire/General Liab Insur 5% est incr; additional estimated operating costs of new RO plant per project engineers

Capital Outlay Expense:

- FY 2018 - Per Departmental Request; FY 2019 - Annual funding is targeted at \$650,000; FY 2020-2022 is targeted at \$700,000.

Renewal & Replacement of Infrastructure:

- FY 2018-2022 - Transfer a minimum of \$1,120,000 annually to fund recurring renewal and replacement of infrastructure in 5 yr CIP - per adopted financial policy

Transfer for Capital Improvement Projects:

- FY 2017 - Cash funding previously earmarked for financing \$1,047,000
- FY 2017-FY 2018 \$15,650,000 financing (in Utilities Construction) and \$3,900,000 cash funding of RO project
- FY 2017-2022 Per 5 year Capital Improvement Plan

Contribution to Pipeline Project:

- FY 2017 City contribution to Interconnect Pipeline project delayed to match completion of RO project in FY 2019

Debt Service:

Existing Debt Service:

- FY 2018-2021 - Existing Debt Service per schedule; previous SRF loan paid off
- FY 2021 - Return of 1 year payment reserve from SRF Fund

New Debt Service:

- FY 2018-2022 - Debt Service as per schedule
- FY 2018-2019 - Transfer of 1 year payment reserve to SRF Fund

The Actual FY 2015 and Actual FY 2016 columns are based on comparison to budget (non-GAAP) and therefore include principal payments on debt, capital asset acquisitions, cash received from the sale of fixed assets and projected carryovers and do not include depreciation, gain or loss on sale of fixed assets, contributed capital, asset transfers, and insurance recovery for assets.

City of Punta Gorda, FL
Utilities Fund Proforma Schedule of Debt Service and Related Funding Sources
FY 2018 through FY 2022

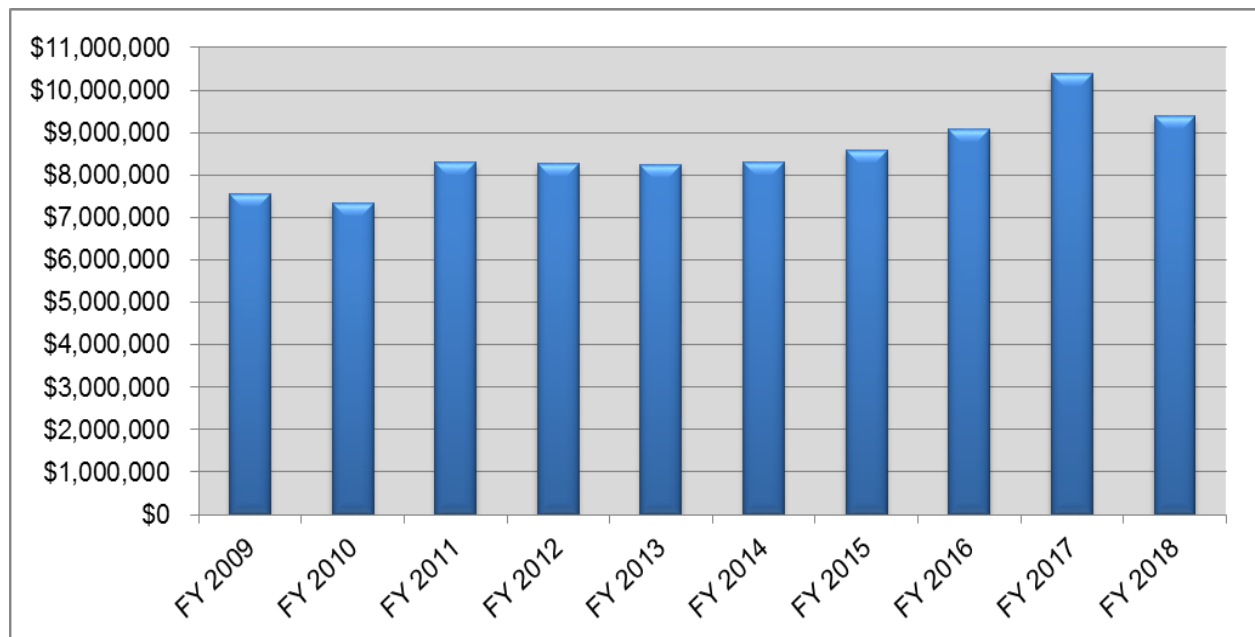
	Budget FY 2018	Proforma FY 2019	Proforma FY 2020	Proforma FY 2021	Proforma FY 2022
Funding Sources for Scheduled Debt:					
Utilities OM&R Fund	\$ 407,800	\$ 680,000	\$ 680,000	\$ 680,000	\$ 480,000
Water Impacts	208,000	480,000	480,000	480,000	480,000
Sewer Impacts	160,573	160,573	160,573	160,573	-
Total Funds Available for Debt Service	\$ 776,373	\$ 1,320,573	\$ 1,320,573	\$ 1,320,573	\$ 960,000

	FY 2018 Principal O/S	DUE FY 2018	DUE FY 2019	DUE FY 2020	DUE FY 2021	DUE FY 2022
Scheduled Debt:						
Current Outstanding Debt (Principal & Interest Payments)						
2000-Note 7/State Revolving/Maturity 08/15/21	\$ 1,338,890	\$ 360,573	\$ 360,573	\$ 360,573	\$ 360,573	\$ -
New Principal						
FY 2017-2022 Estimated New CIP Debt (Principal including capitalized interest & Interest Payments)						
R.O. Project - Deep Injection Well, 1.2% interest, 20 yr amortization	\$ 7,242,700	415,800	415,800	415,800	415,800	415,800
R.O. Project Construction, 2% estimated interest, 20 yr amortization	\$ 8,893,200		544,200	544,200	544,200	544,200
Total Debt Service Requirements	\$ 776,373	\$ 1,320,573	\$ 1,320,573	\$ 1,320,573	\$ 1,320,573	\$ 960,000

**City of Punta Gorda
Utility OM&R Fund
Water Billings-Charges for Services
402-0000-343-3100**

The user fee for water service is based on the meter size and amount of water used. The monthly rate is a combination of the monthly base facility charge per equivalent residential unit (ERU), a monthly charge by meter size, and a monthly volume charge based on all water used. Customers located outside the city limits have a 25% surcharge added to their bill. City residents pay a 10% water utility tax. The ERUs include commercial accounts. The water system monthly rates, fees and charges are detailed in Code of Ordinances section 17-7. The details can be viewed at ci.punta-gorda.fl.us under Code of Ordinances. Based on the 2015 Utility Rate and Impact Fee Study, modifications to the rate structure along with a 4% rate increases were implemented in FY 2016 and FY 2017 that would equitably recover costs based on customer class and continued promotion of conservation. The third increase has been cancelled and is removed from the FY 2018 budget. A grant was secured to assist in funding the R.O. project. Consumption of water in FY 2017 is greater than expected, due primarily to a very dry and hot season. This is not expected to be repeated in FY 2018. Current rates at average consumption appear to remain adequate for funding the proposed 5 year proforma.

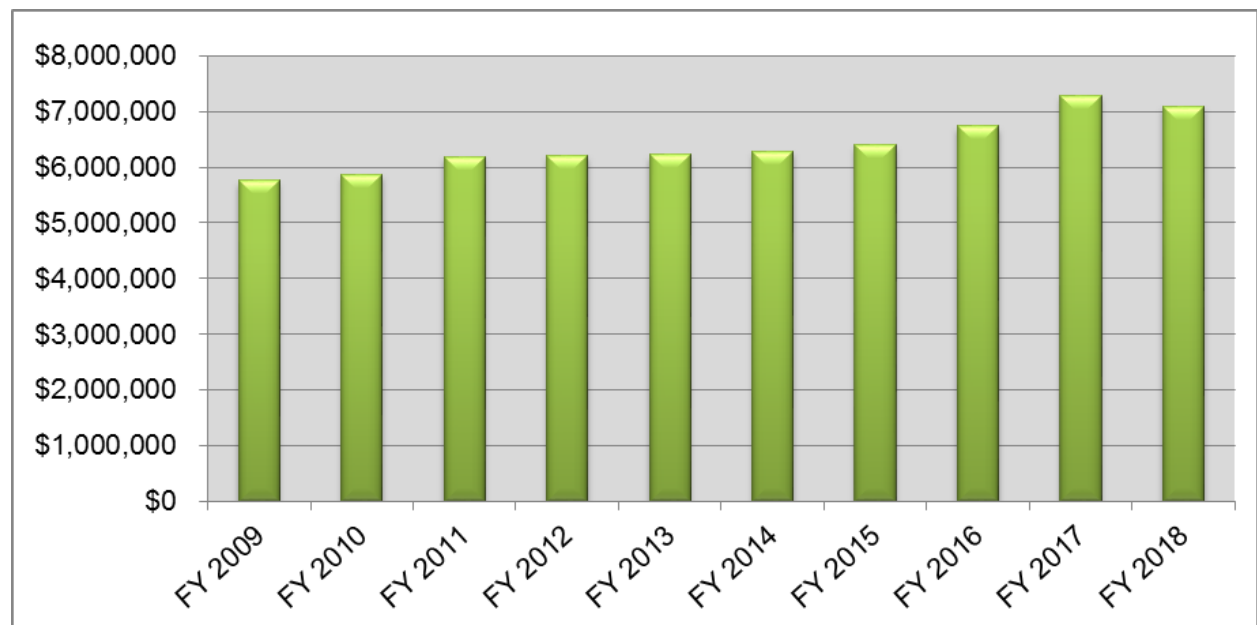
Fiscal Year	Rate Change	Revenue Amount	Percent Change	Equivalent Residential Units	Annual ERU Percent Change
FY 2009	15%	\$7,554,534	15.83%	20,651	-3.64%
FY 2010	3%	\$7,329,603	-2.98%	20,512	-0.67%
FY 2011	3%	\$8,299,976	13.24%	20,645	0.64%
FY 2012		\$8,268,807	-0.38%	20,684	0.19%
FY 2013		\$8,249,919	-0.23%	20,790	0.51%
FY 2014		\$8,305,917	0.68%	20,870	0.38%
FY 2015		\$8,587,022	3.38%	21,103	1.12%
FY 2016	4%	\$9,069,465	5.62%	21,511	1.93%
FY 2017	4%	\$10,380,615	14.46%	21,850	1.58%
FY 2018		\$9,385,070	-9.59%	22,070	1.00%



**City of Punta Gorda
Utility OM&R Fund
Sewer Billings- Charges for Services
402-0000-343-5100**

Wastewater system monthly rates, fees and charges are determined by the schedule in Code of Ordinances section 17-18. The monthly charge for the city's wastewater system includes the monthly base facility charge per equivalent residential unit (ERU) and a monthly volume charge based on the water used as determined by the city water meter per thousand gallons up to ten thousand gallons per ERU. Customers located outside the city limits pay a 25% surcharge. The details can be viewed at ci.punta-gorda.fl.us under Code of Ordinances. Based on the 2015 Utility Rate & Impact Fee Study, 4% rate increases were implemented in FY 2016 and FY 2017. The third increase has been cancelled and is removed from the FY 2018 budget. Impact fees have been used to assist in funding capital expansion projects. It is expected that current rates are adequate for funding the proposed 5 year proforma. FY 2018 assumptions include a minimal growth rate and a monthly volume based on average history, rather than the unusually high consumption experienced during FY 2017.

Fiscal Year	Rate Change	Revenue Amount	Percent Change	Equivalent Residential Units	Annual ERU Percent Change
FY 2009	15%	\$5,759,028	16.56%	15,062	-3.99%
FY 2010	3%	\$5,876,561	2.04%	15,292	1.53%
FY 2011	3%	\$6,190,947	5.35%	15,390	0.64%
FY 2012		\$6,221,365	0.49%	15,422	0.21%
FY 2013		\$6,229,671	0.13%	15,557	0.88%
FY 2014		\$6,289,711	0.96%	15,694	0.88%
FY 2015		\$6,402,527	1.79%	15,904	1.34%
FY 2016	4%	\$6,743,164	5.32%	16,228	2.04%
FY 2017	4%	\$7,288,415	8.09%	16,575	2.14%
FY 2018		\$7,100,140	-2.58%	16,740	1.00%



**CITY OF PUNTA GORDA, FLORIDA
BUDGET FY 2018
UTILITIES O M & R**

REVENUES

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	BUDGET FY 2017	PROJECTED FY 2017	BUDGET FY 2018
07-01 FIRE FLOW TESTING FEE	350	600	300	300	300
07-02 SEPTIC INSPECTION FEE	600	1,400	500	500	500
08-00 DEVELOPER REVIEW FEE	750	900	500	750	500
* PERMITS,FEES & SPEC ASSMT	<u>1,700</u>	<u>2,900</u>	<u>1,300</u>	<u>1,550</u>	<u>1,300</u>
31-00 WATER BILLING	0	0	0	0	9,385,070
31-36 WATER 1-5 RATE INSIDE	0	1,372,418	1,591,200	1,662,140	
31-37 WATER 1-5 RATE OUTSIDE	0	526,655	661,000	676,360	
31-38 FACILITY CHG/ERU WATER IN	1,230,845	1,740,528	1,829,900	1,900,785	
31-39 FACILITY CHG/ERU WATER OUT	700,349	967,114	1,031,900	1,076,325	
31-40 WATER 6-10 RATE INSIDE	2,613,265	904,325	673,200	893,185	
31-41 WATER 6-10 RATE OUTSIDE	917,968	207,415	85,700	121,300	
31-42 WATER 11-20 RATE INSIDE	819,286	745,565	673,200	1,040,320	
31-43 WATER 11-20 RATE OUTSIDE	138,662	74,146	61,200	80,615	
31-44 WATER 21-40 RATE INSIDE	432,056	346,543	367,200	510,340	
31-45 WATER 21-40 RATE OUTSIDE	83,544	44,975	26,900	36,250	
31-46 WATER 41-80 RATE INSIDE	163,475	89,848	73,400	116,065	
31-47 WATER 41-80 RATE OUTSIDE	15,418	23,227	18,400	23,210	
31-48 WATER >80 RATE INSIDE	54,187	1,782	0	0	
31-49 WATER >80 RATE OUTSIDE	5,243	1,123	0	0	
31-50 CUSTOMER BILLING CHG IN	990,110	529,342	481,032	495,235	
31-51 CUSTOMER BILLING CHG OUT	422,615	264,419	241,100	256,300	
31-62 IRRIGATION 1-10 INSIDE	0	130,563	134,600	161,125	
31-63 IRRIGATION 1-10 OUTSIDE	0	781	500	2,120	
31-64 IRRIGATION 11-30 INSIDE	0	132,716	122,400	164,650	
31-65 IRRIGATION 11-30 OUTSIDE	0	251	0	830	
31-68 IRRIGATION >30 INSIDE	0	141,174	110,200	173,780	
31-69 IRRIGATION >30 OUTSIDE	0	564	0	0	
31-74 COMMERCIAL USAGE INSIDE	0	437,861	514,100	518,570	
31-75 COMMERCIAL USAGE OUTSIDE	0	386,130	416,200	471,110	
33-00 PENALTIES	84,458	84,708	50,000	50,000	50,000
34-00 SERVICE CHARGES	32,510	32,805	34,000	34,000	34,000
35-00 WATER SVC INSTALLATIONS	80,702	109,412	20,200	60,000	20,200
51-00 SEWER BILLING	0	0	0	0	7,100,140
51-62 SEWER CONSUMPTION INSIDE	1,193,167	1,254,986	1,251,800	1,397,810	
51-63 SEWER CONSUMPTION OUTSIDE	227,073	248,167	241,900	277,180	
51-64 WASTEWATER PRTS INSIDE	3,958,825	4,185,898	4,318,505	4,447,775	
51-65 WASTEWATER PRTS OUTSIDE	1,023,461	1,054,113	1,082,500	1,165,650	
55-00 SEWER TAP FEES	12,850	18,275	1,500	9,000	1,500
91-00 LIEN INTEREST	23,121	13,025	4,200	10,000	4,200
04-00 SANITATION BILLING	25,000	25,000	25,000	25,000	25,000
20-01 FLEET CHGS - GENERAL FUND	9,945	7,735	10,000	7,500	10,000
20-04 FLEET CHGS - P G I CANAL	1,755	1,853	1,000	400	1,000
20-26 FLEET - UTILITY EQUIPMENT	12,240	11,755	0	10,000	0
20-50 FLEET - SANIT/REFUSE COLL	325	195	0	200	0
* CHARGES FOR SERVICES	<u>15,272,455</u>	<u>16,117,392</u>	<u>16,153,937</u>	<u>17,875,130</u>	<u>16,631,110</u>

**CITY OF PUNTA GORDA, FLORIDA
BUDGET FY 2018
UTILITIES O M & R**

REVENUES

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	BUDGET FY 2017	PROJECTED FY 2017	BUDGET FY 2018
07-00 WATER RESTRICT VIOLATIONS	0	0	0	25	0
* FINES & FORFEITS	0	0	0	25	0
10-00 INTEREST ON INVESTMENTS	27,086	31,289	20,000	58,000	50,000
00-00 RENTAL INCOME	28,657	29,517	30,400	30,400	31,315
41-00 SURPLUS FURN, FIXT, EQPT	4,496	14,978	0	0	0
30-02 SALE OF SOD	19,176	0	0	0	0
90-00 OTHER SCRAP OR SURPLUS	4,730	3,939	5,000	3,500	5,000
30-00 REFUND OF PRIOR YR EXPEND	721	4,133	0	0	0
70-18 INSURANCE RECOVERY	19,716	2,974	0	400	0
70-50 DEFINED CONTRIB REFUNDS	0	0	0	19,200	0
90-00 MISCELLANEOUS REVENUE	26,654	44,277	10,000	10,000	10,000
* MISCELLANEOUS REVENUE	131,236	131,107	65,400	121,500	96,315
31-00 UTILITIES CONSTRUCTION	3,293,680	398,556	0	0	0
35-00 WATER SYS CAPACITY ESCROW	300,000	1,050,000	0	0	208,000
36-00 SEWER SYS CAPACITY ESCROW	160,573	160,573	200,000	0	0
* TRANSFER FROM OTHER FUNDS	3,754,253	1,609,129	200,000	0	208,000
90-01 PROJ CARRYOVER-BEGINNING	0	0	6,298,893	7,136,556	7,963,749
90-02 PRIOR YEAR ENCUMBRANCES	0	0	0	373,830	0
90-05 PRIOR YR RE-APPROPRIATION	0	0	0	132,000	0
* BEGINNING RESERVES	0	0	6,298,893	7,642,386	7,963,749
	19,159,644	17,860,528	22,719,530	25,640,591	24,900,474

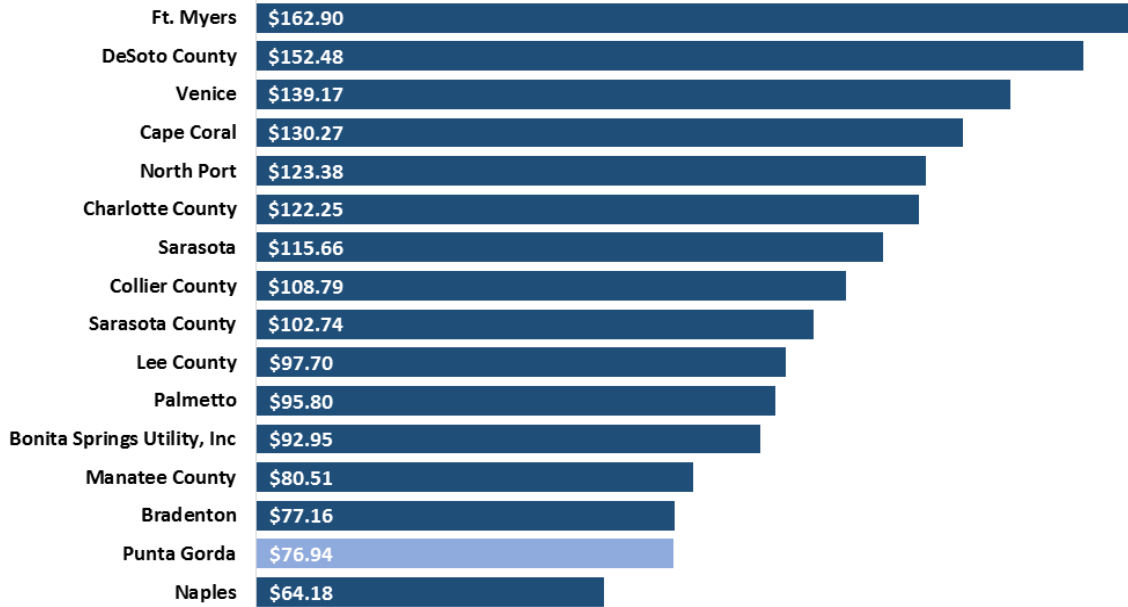
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**City of Punta Gorda
Utility OM&R Fund
Rate Survey**

The City's utility rates are the 2nd lowest among the Southwest Florida utilities surveyed at the current FY 2017 rates.

Combined Water & Sewer Bill Survey at 7,000 Gallons per Month



The survey also gathered information available regarding FY 2018 expected rate increases. Findings indicated that the other entities in the area are expected to increase their rates between 0% to 5%. With the City not proposing any rate increase, it is anticipated that the City will continue to remain one of the lowest cost service providers in the area.

Entity	Proposed FY 2018 Increase
Ft. Myers	Unknown
DeSoto County	Unknown
Venice	2.9%
Cape Coral	Unknown
North Port	Unknown
Charlotte County	Unknown
Sarasota	No Increase
Collier County	Unknown
Sarasota County	No Increase
Lee County	No Increase
Bonita Springs Utility, Inc	Unknown
Palmetto	2% W, 4% WW
Manatee County	5%
Bradenton	Unknown
Punta Gorda	No Increase
Naples	2.2%

**CITY OF PUNTA GORDA, FLORIDA
BUDGET FY 2018
UTILITIES OM&R FUND SUMMARY**

Operating Budget

Expenditure Category Summary	Actual FY 2015	Actual FY 2016	Budget FY 2017	Projected FY 2017	Budget FY 2018
Personnel Services	5,495,108	5,551,021	5,600,467	5,465,425	5,833,628
Operating	9,209,749	8,963,217	6,240,457	6,260,270	6,494,455
Capital Outlay	0	0	521,700	1,030,147	600,000
Debt Service	89,723	61,720	202,000	0	0
Intergovernmental	0	500,000	1,500,000	0	0
Contingency	0	0	50,000	50,000	50,000
Operating Transfers	3,072,772	1,756,508	1,860,000	4,871,000	8,341,600
Projected Carryover-End	0	0	6,744,906	7,963,749	3,580,791
Total	17,867,352	16,832,466	22,719,530	25,640,591	24,900,474

The Actual FY 2015 and Actual FY 2016 columns are based on GAAP and therefore do not include principal payments on debt, capital asset acquisitions, and cash received from the sale of fixed assets and does include depreciation, gain or loss on sale of fixed assets, contributed capital, asset transfers, and insurance recovery for assets.

Position Summary

DEPARTMENT	Amended Authorized FY 2015	Amended Authorized FY 2016	Budget FY 2017	Amended Authorized FY 2017	Budget FY 2018
Utilities Administration	5	5	5	5	5
Billing & Collections	5	6	6	6	6
Water Treatment	16	17	17	17	18
Water Distribution	18	16.5	16.5	16.5	16.5
Wastewater Collection	15	15	15	15	15
Wastewater Treatment	14	15	15	15	15.5
Fleet/Equip Maint	1.5	1.5	1.5	1.5	1.5
	74.5	76	76	76	77.5

**UTILITIES OM&R FUND
VEHICLE & EQUIPMENT REPLACEMENT DETAIL
FY 2018 - FY 2022
(All figures in thousands of dollars)**

Capital Outlay	TOTAL PROJECT COST	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Utilities Administration						
Replace 2008 Ford Escape 4 door sport ute	26	26				
Water Treatment Plant:						
Replace 2004 Mule	8	8				
Progressive Cavity Pump	18	18				
Turbidity Meter Upgrade	13	13				
Camera System Repair/Upgrade	40	40				
Auto Flusher	10	10				
Hach DR3900	4	4				
Flushing Stations, Bacti Stations	10	10				
Replace 2007 pickup truck	25		25			
Replace 2005 Mule	8		8			
Replace 2006 4x4 pickup truck	25			25		
Replace 2006 tractor	45			45		
Replace 2007 50KW generator portable	35			35		
Replace 2008 Carolina Skiff boat	10				10	
Replace 2013 turf tiger	16				16	
Replace 2006 6x4 cab dump truck	100					100
Replace 2007 Wheel Loader	110					110
Replace 2011 small pickup truck	20					20
Replace 2015 Gator TX	8					8
Replace 2015 Gator TX	8					8
Replace 2015 4x4 pickup truck	25					25
Replace 2008 Dump Truck	62					62
Pumps, Motors & VFD's	400		100	100	100	100
Water Distribution:						
Replace 1997 Frontend Loader	130	130				
Replace 2006 F350 Crew Cab Utility truck	50		50			
Replace 2002 Cat Backhoe	75			75		
Replace 2006 Sport Utility	30				30	
Wastewater Collection:						
Replace 2005 4x4 Cab Utility body & Auto Crane diesel	76	76				
Nozz Teq. Spinner 1" Compl. w/all Jetts Nozzle	3	3				
3/4 HP Horizontal/Vertical Bandsaw w/93" Blade	2	2				
Cues Mplus Portable Lateral Camera	14	14				
Replace 2004 Crew cab 4x4	55		55			
Replace 2006 4x4 Diesel pickup truck	35			35		
Replace 2002 4x2 Cab Utility bed & Auto Crane	75			75		
Replace 2005 Extended cab pickup truck	26				26	
Wastewater Treatment Plant:						
Pumps, Motors, Mixers, Blowers, Effluent Pumps	534	134	100	100	100	100
Doors & Soffits	15	15				
Replace 2001 4x4 diesel pickup truck	35		35			
Replace 1991 4x4 Tractor duel speed	85		85			
Replace 1984 Forklift	20		20			
Replace 1996 5550 Backhoe	85			85		
Replace 1994 3 Yard Loader 4x4	100			100		
Replace 2001 Bush Hog flexwing Rotary cutter	15			15		
Unspecified Equipment Needs	864	97	172	10	418	167
TOTAL		600	650	700	700	700

FY 2018 - Per Departmental request; FY 2019 Annual funding is targeted at \$650,000;
FY 2020-2022 is targeted at \$700,000
FY 2019-2022 Pumps, motors, and various plant equipment category for plants has place holder of \$100,000
During budget process requests from divisions are reviewed for priority funding.

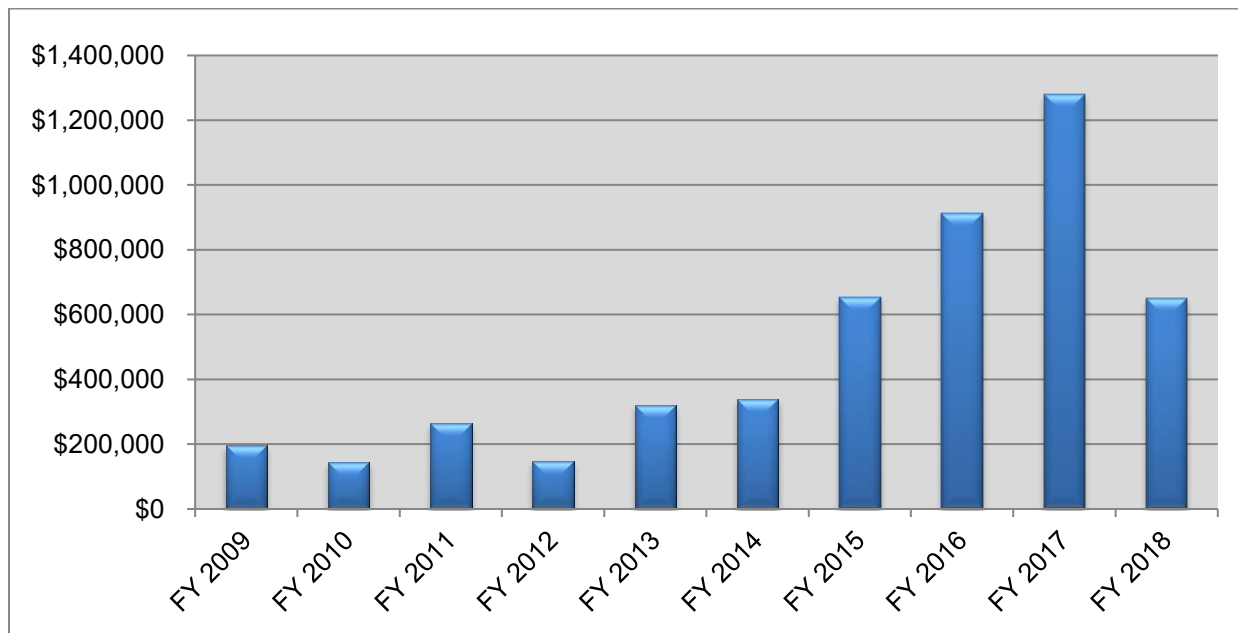
City of Punta Gorda, FL
Water Impact Fees
Proforma Schedule of Revenues and Expenses
FY 2015 through FY 2022

WATER SYSTEM IMPACT FEES and RELATED PROJECTS	Actual FY 2015	Actual FY 2016	Budget FY 2017	Projected FY 2017	Budget FY 2018	Proforma FY 2019	Proforma FY 2020	Proforma FY 2021	Proforma FY 2022
Revenues									
Residential	\$ 654,416	\$ 908,865	\$ 600,000	\$ 700,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000
Commercial	-	5,470	-	579,748					
Interest on Investments	1,154	2,316	1,500	10,000	16,000	18,000	19,000	19,500	20,000
Total Revenues	655,570	916,651	601,500	1,289,748	666,000	668,000	669,000	669,500	670,000
Projects									
Charlotte Park Project		1,050,000							
Raw Water Pump Station Upgrade	300,000								
RO SRF Deep Inj Well (1/2 debt svc)					208,000	208,000	208,000	208,000	208,000
RO Construction (up to 1/2 debt svc)						272,000	272,000	272,000	272,000
Subtotal Transfers to Util. OM&R	300,000	1,050,000	-	-	208,000	480,000	480,000	480,000	480,000
Advanced Metering Infrastr.-AMI Est. (25%)				625,000					
Generator for Plant (50%)					650,000				
Subtotal Transfers to Util. Construction	-	-	-	625,000	650,000	-	-	-	-
Total Expenditures	300,000	1,050,000	-	625,000	858,000	480,000	480,000	480,000	480,000
Revenues over (under) expenditures	355,570	(133,349)	601,500	664,748	(192,000)	188,000	189,000	189,500	190,000
Projected Carryover - Beginning	501,898	857,468	474,468	724,119	1,388,867	1,196,867	1,384,867	1,573,867	1,763,367
Projected Carryover - End	\$ 857,468	\$ 724,119	\$ 1,075,968	\$ 1,388,867	\$ 1,196,867	\$ 1,384,867	\$ 1,573,867	\$ 1,763,367	\$ 1,953,367

**City of Punta Gorda
Water System Capacity Escrow
Water System Capacity Fees-Permits, Fees, & Special Assessments
415-0000-324-2135**

The water system capacity fee is a one-time payment to cover the cost of the water system production capacity for new water meter installations. These funds can only be employed as allowed by law. It is based on the meter size. The fees are detailed in Code of Ordinances section 17-6. The details can be viewed at www.ci.punta-gorda.fl.us under Codes/Ordinances. In 2015 the City undertook a comprehensive rate & impact fee study. The study results for water system capacity fees were based upon the cost of current infrastructure and five year capital improvement program. As a result of the completed 2015 Utility Rate & Impact Study, the water impact fee rate decreased 6% or \$178 in FY 2016. Impact fees can vary due to quantity of single family residential (sfr) units and inclusion of large development projects. FY 2017 has several development projects. FY 2018 estimates an average quantity of sfr units and excludes any large developments.

Fiscal Year	Revenue Amount	Percent Change
FY 2009	\$196,524	-62.6%
FY 2010	\$144,336	-26.6%
FY 2011	\$264,205	83.0%
FY 2012	\$148,520	-43.8%
FY 2013	\$319,056	114.8%
FY 2014	\$339,088	6.3%
FY 2015	\$654,416	93.0%
FY 2016	\$914,335	39.7%
FY 2017	\$1,279,748	40.0%
FY 2018	\$650,000	-49.2%



**CITY OF PUNTA GORDA, FLORIDA
BUDGET FY 2018
WATER SYSTEM CAPACITY ESCROW**

REVENUES

	ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	BUDGET FY 2017	PROJECTED FY 2017	BUDGET FY 2018
21-35	WATER IMPACT FEES RESID	654,416	908,865	600,000	700,000	650,000
22-35	WATER IMPACT FEES COMM	0	5,470	0	579,748	0
*	PERMITS,FEES & SPEC ASSMT	654,416	914,335	600,000	1,279,748	650,000
10-00	INTEREST ON INVESTMENTS	1,154	2,316	1,500	10,000	16,000
*	MISCELLANEOUS REVENUE	1,154	2,316	1,500	10,000	16,000
90-01	PROJ CARRYOVER-BEGINNING	0	0	474,468	724,119	1,388,867
*	OTHER REVENUE SOURCES	0	0	474,468	724,119	1,388,867
		655,570	916,651	1,075,968	2,013,867	2,054,867

**CITY OF PUNTA GORDA, FLORIDA
BUDGET FY 2018
WATER SYSTEM CAPACITY ESCROW**

EXPENDITURES

	ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	BUDGET FY 2017	PROJECTED FY 2017	BUDGET FY 2018
91-26	UTILITIES O M & R	300,000	1,050,000	0	0	208,000
91-31	UTILITIES CONSTRUCTION	0	0	0	625,000	650,000
*	TRANSFERS	300,000	1,050,000	0	625,000	858,000
99-03	PROJECTED CARRYOVER - END	0	0	1,075,968	1,388,867	1,196,867
*	ENDING RESERVES	0	0	1,075,968	1,388,867	1,196,867
		300,000	1,050,000	1,075,968	2,013,867	2,054,867

The Actual FY 2015 and Actual FY 2016 columns are based on GAAP and therefore do not include principal payments on debt, capital asset acquisitions, cash received from the sale of fixed assets, and projected carryovers and does include depreciation, gain or loss on sale of fixed assets, contributed capital, asset transfers, and insurance recovery for assets.

**CITY OF PUNTA GORDA, FLORIDA
BUDGET FY 2018
WASTEWATER SYSTEM CAPACITY ESCROW**

REVENUES

	ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	BUDGET FY 2017	PROJECTED FY 2017	BUDGET FY 2018
21-36	WASTEWATER IMPACTS RESID	591,576	888,680	600,000	716,600	650,000
*	PERMITS,FEES & SPEC ASSMT	591,576	888,680	600,000	716,600	650,000
10-00	INTEREST ON INVESTMENTS	2,451	4,699	1,600	13,400	7,000
*	MISCELLANEOUS REVENUE	2,451	4,699	1,600	13,400	7,000
90-01	PROJ CARRYOVER-BEGINNING	0	0	535,253	806,132	937,959
*	OTHER REVENUE SOURCES	0	0	535,253	806,132	937,959
		594,027	893,379	1,136,853	1,536,132	1,594,959

**CITY OF PUNTA GORDA, FLORIDA
BUDGET FY 2018
WASTEWATER SYSTEM CAPACITY ESCROW**

EXPENDITURES

	ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	BUDGET FY 2017	PROJECTED FY 2017	BUDGET FY 2018
91-26	UTILITIES O M & R	160,573	160,573	200,000	0	0
91-31	UTILITIES CONSTRUCTION	200,000	700,000	0	437,600	750,000
91-39	STATE REVOLVING LOAN FUND	0	0	160,573	160,573	160,573
*	TRANSFERS	360,573	860,573	360,573	598,173	910,573
99-03	PROJECTED CARRYOVER - END	0	0	776,280	937,959	684,386
*	ENDING RESERVES	0	0	776,280	937,959	684,386
		360,573	860,573	1,136,853	1,536,132	1,594,959

The Actual FY 2015 and Actual FY 2016 columns are based on GAAP and therefore do not include principal payments on debt, capital asset acquisitions, cash received from the sale of fixed assets, and projected carryovers and does include depreciation, gain or loss on sale of fixed assets, contributed capital, asset transfers, and insurance recovery for assets.

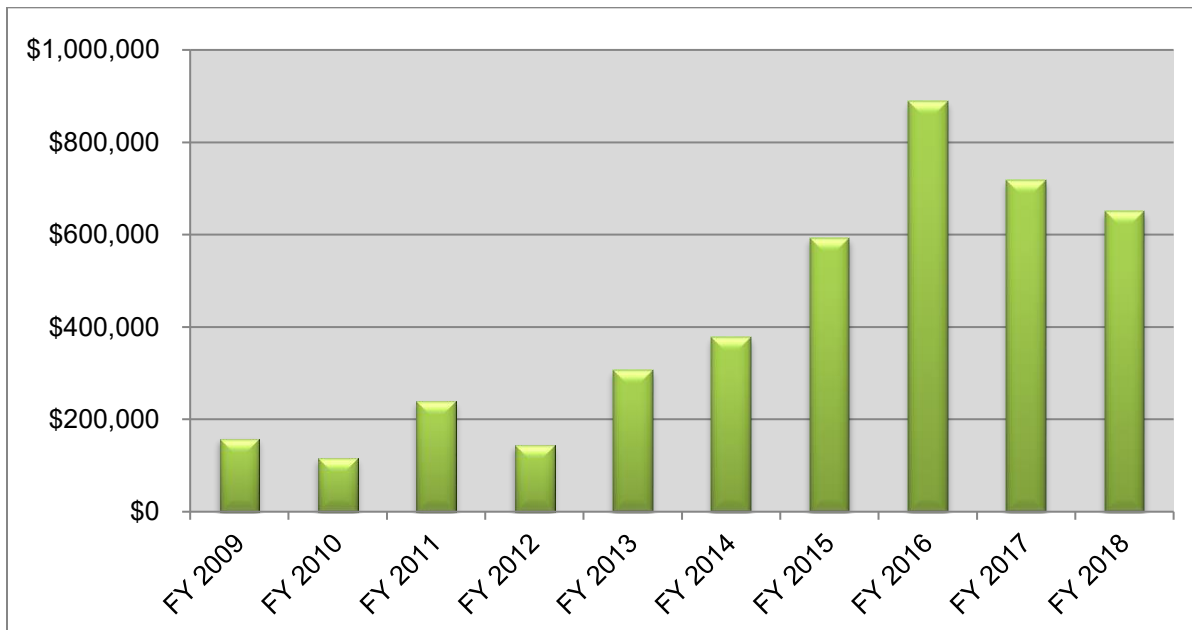
**City of Punta Gorda, FL
Wastewater Impact Fees
Proforma Schedule of Revenues and Expenses
FY 2015 through FY 2022**

WASTEWATER SYSTEM IMPACT FEES and RELATED PROJECTS	Actual FY 2015	Actual FY 2016	Budget FY 2017	Projected FY 2017	Budget FY 2018	Proforma FY 2019	Proforma FY 2020	Proforma FY 2021	Proforma FY 2022
Revenues									
Residential	\$ 591,576	\$ 888,680	\$ 600,000	\$ 716,600	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000
Commercial	-	-	-	-	-	-	-	-	-
Interest on Investments	2,451	4,699	1,600	13,400	7,000	7,000	8,000	8,000	5,000
Total Revenues	594,027	893,379	601,600	730,000	657,000	657,000	658,000	658,000	655,000
Projects									
Debt Service	160,573		200,000						
Jones Loop-Reimb for advance FY 17 & 18						350,000	350,000	350,000	
Subtotal Transfer to Util OM&R	160,573	-	200,000	-	-	350,000	350,000	350,000	-
Filtration project	200,000	200,000		437,600					
WWTP Pipe project		500,000							
Jones Loop ForceMain 100%					750,000				
WWTP Improvements 100%						100,000	100,000	100,000	1,000,000
Subtotal Transfer to Util Construction	200,000	700,000	-	437,600	750,000	100,000	100,000	100,000	1,000,000
State Revolving Loan Fund		160,573	160,573	160,573	160,573	160,573	160,573	160,573	
Total Expenditures	360,573	860,573	360,573	598,173	910,573	610,573	610,573	610,573	1,000,000
Revenues over (under) expenditures	233,454	32,806	241,027	131,827	(253,573)	46,427	47,427	47,427	(345,000)
Projected Carryover - Beginning	539,872	773,326	535,253	806,132	937,959	684,386	730,813	778,240	825,667
Projected Carryover - End	\$ 773,326	\$ 806,132	\$ 776,280	\$ 937,959	\$ 684,386	\$ 730,813	\$ 778,240	\$ 825,667	\$ 480,667

City of Punta Gorda
Wastewater System Capacity Escrow
Wastewater System Capacity Fees-Permits, Fees, & Special Assessments
416-0000-324-2136

The wastewater system capacity fee is a one-time payment to cover the cost of the wastewater system capacity for new wastewater connections. These funds can only be employed as allowed by law. The fees are based on the meter size. The fees are detailed in Code of Ordinances section 17-17. The details can be viewed at www.ci.punta-gorda.fl.us under Codes/Ordinances. In 2015 the City undertook a comprehensive rate & impact fee study. The study results for wastewater system capacity fees were based upon the cost of current infrastructure and five year capital improvement program. As a result of the completed 2015 Utility Rate & Impact Study, the wastewater impact fee rate was increased 9% or \$214 in FY 2016. Impact fees can vary due to quantity of single family residential (sfr) units and inclusion of large development projects. FY 2018 estimates an average quantity of sfr units and excludes any large developments.

Fiscal Year	Revenue Amount	Percent Change
FY 2009	\$157,632	-59.7%
FY 2010	\$114,784	-27.2%
FY 2011	\$238,911	108.1%
FY 2012	\$142,854	-40.2%
FY 2013	\$304,991	113.5%
FY 2014	\$377,934	23.9%
FY 2015	\$591,576	56.5%
FY 2016	\$888,680	50.2%
FY 2017	\$716,600	-19.4%
FY 2018	\$650,000	-9.3%



**CITY OF PUNTA GORDA, FLORIDA
BUDGET FY 2018
UTILITIES R & R RESERVE**

REVENUES

	ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	BUDGET FY 2017	PROJECTED FY 2017	BUDGET FY 2018
90-01	PROJ CARRYOVER-BEGINNING	0	0	1,500,000	1,500,000	1,500,000
*	OTHER REVENUE SOURCES	<u>0</u>	<u>0</u>	<u>1,500,000</u>	<u>1,500,000</u>	<u>1,500,000</u>
		0	0	1,500,000	1,500,000	1,500,000

**CITY OF PUNTA GORDA, FLORIDA
BUDGET FY 2018
UTILITIES R & R RESERVE**

EXPENDITURES

	ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	BUDGET FY 2017	PROJECTED FY 2017	BUDGET FY 2018
99-03	PROJECTED CARRYOVER - END	0	0	1,500,000	1,500,000	1,500,000
*	ENDING RESERVES	<u>0</u>	<u>0</u>	<u>1,500,000</u>	<u>1,500,000</u>	<u>1,500,000</u>
		0	0	1,500,000	1,500,000	1,500,000

The Actual FY 2015 and Actual FY 2016 columns are based on GAAP and therefore do not include principal payments on debt, capital asset acquisitions, cash received from the sale of fixed assets, and projected carryovers and does include depreciation, gain or loss on sale of fixed assets, contributed capital, asset transfers, and insurance recovery for assets.

**CITY OF PUNTA GORDA, FLORIDA
BUDGET FY 2018
SPECIAL ASSESSMENT DISTRICT #4**

REVENUES

	ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	BUDGET FY 2017	PROJECTED FY 2017	BUDGET FY 2018
10-00	INTEREST ON INVESTMENTS	92	262	120	555	485
*	MISCELLANEOUS REVENUE	<u>92</u>	<u>262</u>	<u>120</u>	<u>555</u>	<u>485</u>
90-01	PROJ CARRYOVER-BEGINNING	0	0	47,625	47,686	48,241
*	OTHER REVENUE SOURCES	<u>0</u>	<u>0</u>	<u>47,625</u>	<u>47,686</u>	<u>48,241</u>
		92	262	47,745	48,241	48,726

**CITY OF PUNTA GORDA, FLORIDA
BUDGET FY 2018
SPECIAL ASSESSMENT DISTRICT #4**

EXPENDITURES

	ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	BUDGET FY 2017	PROJECTED FY 2017	BUDGET FY 2018
99-03	PROJECTED CARRYOVER - END	0	0	47,745	48,241	48,726
*	ENDING RESERVES	<u>0</u>	<u>0</u>	<u>47,745</u>	<u>48,241</u>	<u>48,726</u>
		0	0	47,745	48,241	48,726

The Actual FY 2015 and Actual FY 2016 columns are based on GAAP and therefore do not include principal payments on debt, capital asset acquisitions, cash received from the sale of fixed assets, and projected carryovers and does include depreciation, gain or loss on sale of fixed assets, contributed capital, asset transfers, and insurance recovery for assets.

**CITY OF PUNTA GORDA, FLORIDA
BUDGET FY 2018
STATE REVOLVING LOAN FUND**

REVENUES

	ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	BUDGET FY 2017	PROJECTED FY 2017	BUDGET FY 2018
10-00	INTEREST ON INVESTMENTS	733	2,090	945	4,310	7,975
*	MISCELLANEOUS REVENUE	733	2,090	945	4,310	7,975
26-00	UTILITIES O M & R	0	0	200,000	200,000	1,031,600
36-00	SEWER SYS CAPACITY ESCROW	0	0	160,573	160,573	160,573
*	TRANSFER FROM OTHER FUNDS	0	0	360,573	360,573	1,192,173
90-01	PROJ CARRYOVER-BEGINNING	0	0	377,150	377,561	381,870
*	OTHER REVENUE SOURCES	0	0	377,150	377,561	381,870
		733	2,090	738,668	742,444	1,582,018

**CITY OF PUNTA GORDA, FLORIDA
BUDGET FY 2018
STATE REVOLVING LOAN FUND**

EXPENDITURES

	ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	BUDGET FY 2017	PROJECTED FY 2017	BUDGET FY 2018
71-07	STATE REVOLVING LOAN	0	0	307,705	307,705	647,722
72-07	STATE REVOLVING LOAN	0	0	52,869	52,869	128,631
*	DEBT SERVICE	0	0	360,574	360,574	776,353
99-03	PROJECTED CARRYOVER - END	0	0	378,094	381,870	805,665
*	ENDING RESERVES	0	0	378,094	381,870	805,665
		0	0	738,668	742,444	1,582,018

The Actual FY 2015 and Actual FY 2016 columns are based on GAAP and therefore do not include principal payments on debt, capital asset acquisitions, cash received from the sale of fixed assets, and projected carryovers and does include depreciation, gain or loss on sale of fixed assets, contributed capital, asset transfers, and insurance recovery for assets.

City of Punta Gorda
Utility Construction Fund
Revenue and Expense Comparison
Actual FY 2015 through Budget FY 2018

	Actual FY 2015	Actual FY 2016	Budget FY 2017	Projected FY 2017*	Budget FY 2018
Revenues:					
Transfer from Utility OM&R	\$ 3,046,180	\$ 1,755,000	\$ 1,660,000	\$ 4,671,000	\$ 7,310,000
Transfer from Water System Capacity Fees				625,000	650,000
Transfer from Sewer System Capacity Fees	200,000	700,000		437,600	750,000
FDEP Grant	157,854	652,622		89,524	
SWFWMD Grant		894,428	9,589,500	14,755,572	3,900,000
Miscellaneous Revenue	2,593	437			
Financing			9,589,500	15,650,000	
Temporary Intrafund Cash Transfer **	(24,383)				
Project Carryover - Beginning		1,654		437	
Prior Year Encumbrances		19,575		224,562	
Total Revenues	<u>\$ 3,382,244</u>	<u>\$ 4,023,716</u>	<u>\$ 20,839,000</u>	<u>\$ 36,453,695</u>	<u>\$ 12,610,000</u>
Expenses:					
Reserve for Contingencies	\$ 21,229	\$ 224,999	\$ -	\$ 1,047,019	\$ -
Non-Departmental				50,000	200,000
Water Treatment Plant Improvements	603,561	3,091,284	19,504,000	30,684,198	9,100,000
Water Distribution System	120,061	94,008	220,000	3,021,013	220,000
Wastewater Collection System	2,206,678	372,592	1,000,000	1,402,393	2,400,000
Wastewater Treatment Plant Improvements	430,715	240,833	115,000	249,072	690,000
Total Expenses	<u>\$ 3,382,244</u>	<u>\$ 4,023,716</u>	<u>\$ 20,839,000</u>	<u>\$ 36,453,695</u>	<u>\$ 12,610,000</u>

* Projected FY 2017 column includes not only anticipated completed projects, but all current budgeted projects that may be carried over to FY 2018 for completion. The reserve for contingency includes the balance from previous years' funding of \$1.1 million annual R&R. If not encumbered by end of FY 2017, these funds will be accounted for in a reserve for recurring renewal and replacements that may exceed the annual funding of \$1.1 million.

** Temporary intrafund cash transfer to the Utilities Construction fund from other utility funds in FY 2014 and repaid in FY 2015; all utility funds are consolidated for annual financial reporting.

The Actual FY 2015 and Actual FY 2016 columns are based on comparison to budget (non-GAAP) and therefore include capital asset acquisitions and projected carryovers and do not include asset transfers.

**City of Punta Gorda, FL
Utilities Construction Fund
Proforma Schedule of Revenues and Expenses
FY 2015 through FY 2022**

Projects	Actual FY 2015	Actual FY 2016	Budget FY 2017	Projected FY 2017	Budget FY 2018	Proforma FY 2019	Proforma FY 2020	Proforma FY 2021	Proforma FY 2022
GRANT-FDEP	\$ 157,854	\$ 652,622	\$ -	\$ 89,524	\$ -	\$ -	\$ -	\$ -	\$ -
SWFWMD WATER		894,428	9,589,500	14,755,572	3,900,000				
UTILITIES O M & R	3,046,180	1,755,000	1,660,000	4,671,000	7,310,000	1,335,000	1,290,000	1,395,000	1,120,000
WATER SYS CAPACITY ESCROW				625,000	650,000				
SEWER SYS CAPACITY ESCROW	200,000	700,000		437,600	750,000	100,000	100,000	100,000	1,000,000
MISCELLANEOUS REVENUE	2,593	437							
TEMP. INTRAFUND CASH TRANSFER	(24,383)								
FINANCING			9,589,500	15,650,000					
Subtotal	3,382,244	4,002,487	20,839,000	36,228,696	12,610,000	1,435,000	1,390,000	1,495,000	2,120,000
PROJ CARRYOVER-BEGINNING				437					
PRIOR YEAR ENCUMBRANCES		21,229		224,562					
Total Revenues	\$ 3,382,244	\$ 4,023,716	\$ 20,839,000	\$ 36,453,695	\$ 12,610,000	\$ 1,435,000	\$ 1,390,000	\$ 1,495,000	\$ 2,120,000
Utilities Construction									
RESERVE FOR CONTINGENCIES	\$ 21,229	\$ 224,999	\$ -	\$ 1,047,019	\$ -	\$ -	\$ -	\$ -	\$ -
PROFESSIONAL SERVICES				50,000	200,000				
Total Non-Departmental	21,229	224,999	0	1,097,019	200,000	0	0	0	0
Water Treatment Plant Improvements									
ENGINEER CONSULTING	76,803	4,092	100,000	145,908			50,000		
HENDRICKSON DAM IMPROVEMT			25,000	50,000		25,000		25,000	
EQUIPMENT					1,300,000				
MOD/EXPAND WATER PLANT	526,758	3,087,192	19,179,000	30,288,290	7,800,000				
ELEVATED TANK			200,000	200,000					
Total WTP Improvements	603,561	3,091,284	19,504,000	30,684,198	9,100,000	25,000	50,000	25,000	0
Water Distribution System									
AMI-Automated Reading System, Est				2,500,000					
MISC UTILITY RELOCATION	4,351	19,286	120,000	221,649	20,000	20,000	20,000	20,000	20,000
WATER MAIN UPGRADES	115,710	74,722	100,000	299,364	200,000	200,000	200,000	200,000	200,000
Total Water Distribution System	120,061	94,008	220,000	3,021,013	220,000	220,000	220,000	220,000	220,000
Wastewater Collection System									
ENGINEER CONSULTING				89,000					
GRAVITY SEWER REPLACEMENT	58,225	160,824	250,000	266,750	250,000	250,000	250,000	250,000	150,000
LIFT STATION PROJECTS		47,236	100,000	146,643	100,000	100,000	100,000	100,000	200,000
WW COLLECTION SYS IMPROVE	28,192	144,956	300,000	300,000	200,000	200,000	200,000	200,000	200,000
FORCE MAIN PROJECTS	2,120,261	19,576	350,000	600,000	1,850,000	350,000	350,000	350,000	350,000
Total Wastewater Collection System	2,206,678	372,592	1,000,000	1,402,393	2,400,000	900,000	900,000	900,000	900,000
Wastewater Treatment Plant Improvements									
WWTP IMPROVEMENTS	430,715	240,833	115,000	249,072	690,000	290,000	220,000	350,000	1,000,000
Total WWTP Improvements	430,715	240,833	115,000	249,072	690,000	290,000	220,000	350,000	1,000,000
Total Expenses	\$ 3,382,244	\$ 4,023,716	\$ 20,839,000	\$ 36,453,695	\$ 12,610,000	\$ 1,435,000	\$ 1,390,000	\$ 1,495,000	\$ 2,120,000

(Temporary intrafund cash transfer to the Utilities Construction fund from other utility funds; all utility funds are consolidated for annual financial reporting.)

Projected FY 2017 reserve for contingency includes the balance from previous years' funding of \$1.1 million annual R&R. In not encumbered by end of FY 2017, these funds will be accounted for in a reserve for recurring renewal and replacements that may exceed the annual funding of \$1.1 million.

Footnotes in Utilities OM&R proforma are relevant to Utilities Construction fund

The Actual FY 2015 & FY 2016 columns are based on comparison to budget (non-GAAP) and therefore includes capital asset acquisitions and does not include asset transfers.

**CITY OF PUNTA GORDA, FLORIDA
BUDGET FY 2018
UTILITIES CONSTRUCTION**

REVENUES

	ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	BUDGET FY 2017	PROJECTED FY 2017	BUDGET FY 2018
31-01	SW FL WATER MGMT DISTRICT	0	894,428	9,589,500	14,755,572	3,900,000
35-10	DEPT ENVIRONMENTAL PROTECT	157,854	652,622	0	89,524	0
*	STATE GRANT	157,854	1,547,050	9,589,500	14,845,096	3,900,000
10-00	INTEREST ON INVESTMENTS	939	0	0	0	0
90-00	MISCELLANEOUS REVENUE	1,654	437	0	0	0
*	MISCELLANEOUS REVENUE	2,593	437	0	0	0
26-00	UTILITIES O M & R	3,046,180	1,755,000	1,660,000	4,671,000	7,310,000
35-00	WATER SYS CAPACITY ESCROW	0	0	0	625,000	650,000
36-00	SEWER SYS CAPACITY ESCROW	200,000	700,000	0	437,600	750,000
*	TRANSFER FROM OTHER FUNDS	3,246,180	2,455,000	1,660,000	5,733,600	8,710,000
10-01	LINE OF CREDIT	0	0	9,589,500	0	0
11-01	OTHER FINANCING	0	0	0	15,650,000	0
*	DEBT PROCEEDS	0	0	9,589,500	15,650,000	0
90-01	PROJ CARRYOVER-BEGINNING	0	0	0	437	0
90-02	PRIOR YEAR ENCUMBRANCES	0	0	0	224,562	0
*	BEGINNING RESERVES	0	0	0	224,999	0
		3,406,627	4,002,487	20,839,000	36,453,695	12,610,000

The Actual FY 2015 and Actual FY 2016 columns are based on GAAP and therefore do not include principal payments on debt, capital asset acquisitions, cash received from the sale of fixed assets, and projected carryovers and does include depreciation, gain or loss on sale of fixed assets, contributed capital, asset transfers, and insurance recovery for assets.

UTILITIES
CAPITAL IMPROVEMENTS PROGRAM
FY 2018 - FY 2022
(All figures in thousands of dollars)

PROJECT IDENTIFICATION	TOTAL PROJECT COST	Prior Years' Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
FUNDING SOURCE: Utilities Fund current revenue of \$1.12M per policy for R & R Projects							
Water System Utility Relocation Misc. Projects	100		20	20	20	20	20
Watermain Renewal/Replacement Projects	1,000		200	200	200	200	200
Wastewater Gravity Sewer Replacement Projects	1,150		250	250	250	250	150
Wastewater Lift Station Renewal/Replacement Projects	600		100	100	100	100	200
Wastewater Inflow Abatement - Rehabilitation Structures	1,000		200	200	200	200	200
Wastewater Force Main Renewal/Replacement Projects	1,750		350	350	350	350	350
R & R Projects Total			1,120	1,120	1,120	1,120	1,120
FUNDING SOURCE: Utilities Fund current revenues and Reserves, Grants, Impact Fees, and Financing							
Administration Projects							
GIS Atlas (Mapping)	250	50	200				
Advanced Metering Infrastructure (AMI) - Estimated	2,500	2,500					
Administration Projects Total			200	0	0	0	0
Wastewater Projects							
Wastewater Treatment Plant Tank Coating	500		250			250	
Wastewater Treatment Plant Permit Renewal (FDEP)	75			75			
Wastewater Deep Injection Well Permit Renewal	75			75			
Wastewater Deep Injection Well Mechanical Integrity Test (MIT)	120				120		
Wastewater Treatment Plant DIW Pump Replacement	80		40	40			
Wastewater Treatment Plant Clear Well Filters	75		75				
Wastewater Treatment Plant DSSU Motor Replacement	75		75				
Wastewater Treatment Plant Reline Sludge Pond	50		50				
Wastewater Treatment Plant Expansion	1,500		200	100	100	100	1,000
Wastewater - The Loop Forcemain Extension	1,800	300	1,500				
Wastewater - Sewer Feasibility Study	89	89					
Wastewater Projects Total			2,190	290	220	350	1,000
Water Projects							
Water - Riverside Drive Improvements	190	190					
Water - I75 Widening Utility Relocation Phase I	206	206					
WTP - Raw Water Pump Station Upgrade	1,760	1,760					
Water Treatment Plant Phase 1 Ground Water (RO)	3,812	3,812					
Water Treatment Plant RO Well Field Construction	2,400	2,400					
Water Treatment Plant RO Deep Injection Well Construction	4,334	4,334					
Water Treatment Plant Construction (CMR)	29,454	21,654	7,800				
WTP - BSR Tank Improvements	200	200					
WTP - Hendrickson Dam Inspection Program & Maintenance	50			25		25	
Water Hydro Biological Monitoring Plan (HBMP)	50				50		
WTP - Reuse Feasibility Study	100	100					
WTP - Generator	1,300		1,300				
Water Projects Total			9,100	25	50	25	0
UTILITIES CONSTRUCTION FUND TOTAL			12,610	1,435	1,390	1,495	2,120

Capital Improvements Program

Project Title: UT Relocation Project To Be Determined																														
Acct #: 411-8423-533-63-09			Project Code: TBD																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 0	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 100,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft _____ Right of Way		5. Status of Project: <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2018- 2022 Annual Project Relocate water and wastewater lines to accommodate non-programmed projects and/or work performed by FDOT, Charlotte County Public Works and Punta Gorda Public Works.																									
3. Estimated Costs: In Previous CIP \$ _____ 0 In Present CIP \$ _____ 100,000 Engineering \$ _____ 20,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ 80,000 Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: Relocation of existing lines. No additional operating cost. \$ _____ 0 Total																												
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1st Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 st Yr.	UF	_____	_____	2 nd Yr.	UF	_____	_____	3 rd Yr.	UF	_____	_____	4 th Yr.	UF	_____	_____	5 th Yr.	UF	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues <input checked="" type="checkbox"/> No Effect \$ _____ Total			Project Justification: FDOT programs roadway improvements in a 5 year CIP and also performs non-programmed projects. Charlotte County Public works and the City Public works also perform non-programmed projects on a as needed basis. Once a non-programmed project is identified a transfer of funds from TBD will be processed and a project code will be created to identify project and cost.	
	Local	State	Federal																											
1 st Yr.	UF	_____	_____																											
2 nd Yr.	UF	_____	_____																											
3 rd Yr.	UF	_____	_____																											
4 th Yr.	UF	_____	_____																											
5 th Yr.	UF	_____	_____																											

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: Water Main Renewal/Replacement Project To Be Determined																														
Acct #: 411-8423-533-63-21			Project Code: TBD																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient and effective service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 0	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft _____ Right of Way		5. Status of Project: <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2018 - 2022 TBD Funds provide renewal & replacement of existing water mains on an as needed basis. The end of life to a water mains cannot be predicted with certainty. Replacement projects are based on water main breaks and Public Work projects. Annual projects are determined by operations staff to meet immediate needs. Funds unused are released at end of year. Major water main projects are programmed individually.																									
3. Estimated Costs: In Previous CIP \$ _____ 0 In Present CIP \$ _____ 1,000,000 Engineering \$ _____ 200,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ 800,000 Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: Relocation of existing lines. No additional operating cost. \$ _____ 0 Total																												
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1st Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 st Yr.	UF	_____	_____	2 nd Yr.	UF	_____	_____	3 rd Yr.	UF	_____	_____	4 th Yr.	UF	_____	_____	5 th Yr.	UF	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues _____ No Effect \$ _____ Total			Project Justification: TBD projects may result from immediate need to maintain level of service to customers or to reduce costs responding to multiple repairs. Once a project is identified a project code will be created and funds will be transferred from TBD to the identified project.	
	Local	State	Federal																											
1 st Yr.	UF	_____	_____																											
2 nd Yr.	UF	_____	_____																											
3 rd Yr.	UF	_____	_____																											
4 th Yr.	UF	_____	_____																											
5 th Yr.	UF	_____	_____																											

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: Gravity Sewer Replacement Project To Be Determined																														
Acct #: 411-8536-535-63-28			Project Code: TBD																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient and effective service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 0	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft _____ Right of Way		5. Status of Project: <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed		Department: Utilities Administration Contact Person: Tom Jackson																										
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift		Project Description: FY 2018 - 2022 Funds will renew & replace gravity sewer lines and restore asphalt pavement associated with sewer replacement. Old clay pipe gravity lines are candidate projects for replacement with PVC sewer pipe. Sewer relocation work is also coordinated with Public Works resurfacing and repaving projects. An increase in volume on Public Works paving projects has caused an increase to the amount programmed.																										
3. Estimated Costs: In Previous CIP \$ _____ 0 In Present CIP \$ _____ 1,250,000 Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ 1,250,000 Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: \$ _____ 0 Total		Project Justification: Renewal and replacement of gravity sewer is performed to maintain system capacity by reducing storm water infiltration. Clay pipe gravity sewer lines commonly contribute to storm water infiltration. Public Works projects are typically related to street reconstructions. Once a project is identified a project code will be created and funds from TBD will be transferred to cover cost.																										
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1st Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 st Yr.	UF	_____	_____	2 nd Yr.	UF	_____	_____	3 rd Yr.	UF	_____	_____	4 th Yr.	UF	_____	_____	5 th Yr.	UF	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues <input checked="" type="checkbox"/> No Effect \$ _____ Total				
	Local	State	Federal																											
1 st Yr.	UF	_____	_____																											
2 nd Yr.	UF	_____	_____																											
3 rd Yr.	UF	_____	_____																											
4 th Yr.	UF	_____	_____																											
5 th Yr.	UF	_____	_____																											

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: Lift Station Renewal/Replacement Project To Be Determined																														
Acct #: 411-8536-535-63-29			Project Code: TBD																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient and effective service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 0	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft _____ Right of Way		5. Status of Project: <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2018 - 2022 Annual Project Funds will design and Construct wastewater lift station rehabilitation or improvements on an as needed basis to maintain level of service.																									
3. Estimated Costs: In Previous CIP \$ _____ 0 In Present CIP \$ _____ 500,000 Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ 500,000 Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: No additional operating costs. \$ _____ 0 Total																												
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1st Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 st Yr.	UF	_____	_____	2 nd Yr.	UF	_____	_____	3 rd Yr.	UF	_____	_____	4 th Yr.	UF	_____	_____	5 th Yr.	UF	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues <input checked="" type="checkbox"/> No Effect \$ _____ Total			Project Justification: Provide improved wastewater transmission capacity. Projects are identified by wastewater master plan or other studies. Projects may result from immediate need to maintain level of service to customer or reduce cost responding to multiple repair. The City operates 118 Lift Stations. Wastewater Collections staff performs renew and/or replacement of equipment on an as needed basis. Projects are scheduled to match available funding. Renew/replacement is typically for components rather than complete rehabilitation/replacement of an individual lift station.	
	Local	State	Federal																											
1 st Yr.	UF	_____	_____																											
2 nd Yr.	UF	_____	_____																											
3 rd Yr.	UF	_____	_____																											
4 th Yr.	UF	_____	_____																											
5 th Yr.	UF	_____	_____																											

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: Inflow Abatement Rehab Structures Project To Be Determined																														
Acct #: 411-8536-535-63-56			Project Code: TBD																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient and effective service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 0	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft _____ Right of Way		5. Status of Project: <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2018 - 2022 Annual Project for rehabilitation/ replacement includes interior coating of manholes and wet wells, installation of manhole inflow protectors, smoke testing, grouting and lining sewer lines of the City's wastewater collection system elements throughout the City's service Area. Project implements strategies for reducing storm water infiltration.																									
3. Estimated Costs: In Previous CIP \$ _____ 0 In Present CIP \$ _____ 1,000,000 Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ _____ 1,000,000 Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: \$ _____ 0 Total			Project Justification: Inspection, replacement and renewal of the City's collection system will reduce infiltration and inflow, reduce collection system defects, maintain system capacity and reduce wet weather overflows. Rehabilitation work extends useful life which reduces replacement needs. Once a project is identified a project code will be created and funds will be transferred.																									
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1st Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 st Yr.	UF	_____	_____	2 nd Yr.	UF	_____	_____	3 rd Yr.	UF	_____	_____	4 th Yr.	UF	_____	_____	5 th Yr.	UF	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues <input checked="" type="checkbox"/> No Effect \$ _____ Total				
	Local	State	Federal																											
1 st Yr.	UF	_____	_____																											
2 nd Yr.	UF	_____	_____																											
3 rd Yr.	UF	_____	_____																											
4 th Yr.	UF	_____	_____																											
5 th Yr.	UF	_____	_____																											

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: Force Main Renewal/Replacement Project To Be Determined																														
Acct #: 411-8536-535-63-67			Project Code: TBD																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.			Goal: Maintain and enhance the City's infrastructure to ensure efficient and effective service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																											
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 0	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 1,750,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft _____ Right of Way		5. Status of Project: <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed		Department: Utilities Administration Contact Person: Tom Jackson																										
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift		Project Description: FY 2018 - 2022 Annual Projects may be determined by Operations staff to meet immediate needs. Projects will replace existing Ductile Iron Pip (DIP) with PVC pipe.																										
3. Estimated Costs: In Previous CIP \$ _____ 0 In Present CIP \$ <u>1,750,000</u> Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ <u>1,750,000</u> Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: Reallocation of existing lines. No additional operating cost. \$ _____ 0 Total		Project Justification: Rehabilitation and improvements to existing facilities are needed as a result of end of service life and changes to the utilities system for growth or other capital projects. Force main breaks cannot be predicted with certainty. Once a project is identified a project code will be created and funds will be transferred.																										
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1st Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 st Yr.	UF	_____	_____	2 nd Yr.	UF	_____	_____	3 rd Yr.	UF	_____	_____	4 th Yr.	UF	_____	_____	5 th Yr.	UF	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues <input checked="" type="checkbox"/> No Effect \$ _____ Total				
	Local	State	Federal																											
1 st Yr.	UF	_____	_____																											
2 nd Yr.	UF	_____	_____																											
3 rd Yr.	UF	_____	_____																											
4 th Yr.	UF	_____	_____																											
5 th Yr.	UF	_____	_____																											

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: GIS Atlas (Utility Mapping)																														
Acct #: 411-0000-536-31-00			Project Code: UTAT11																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure sufficient and effective service delivery and quality aesthetic appeal. Maximize use of new technology in applicable areas.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 50,000	\$ 200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 250,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft _____ N/A		5. Status of Project: <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress <input checked="" type="checkbox"/> Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired _____ Publicly Owned _____ No Land Involved _____ Gift			Project Description: The project will develop a GIS based mapping system of water and wastewater facilities. The GIS system will provide a record of utility facilities to support the operations of the Utility System.																									
3. Estimated Costs: In Previous CIP \$ <u>50,000</u> In Present CIP \$ <u>200,000</u> Engineering \$ <u>250,000</u> Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: TBD \$ <u>0</u> Total			FY 2018 Prepare Design Report and begin GIS Mapping of utility facilities FUTURE Complete GIS mapping, develop Utility Atlas, Develop asset and financial management applications.																									
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1st Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 st Yr.	UF	_____	_____	2 nd Yr.	_____	_____	_____	3 rd Yr.	_____	_____	_____	4 th Yr.	_____	_____	_____	5 th Yr.	_____	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues <input checked="" type="checkbox"/> No Effect \$ _____ Total			Project Justification: A GIS data base will compile and maintain records of utility facilities and operational data. The GIS data base will support multiple missions, Utility mapping, operational records management, asset and financial management.	
	Local	State	Federal																											
1 st Yr.	UF	_____	_____																											
2 nd Yr.	_____	_____	_____																											
3 rd Yr.	_____	_____	_____																											
4 th Yr.	_____	_____	_____																											
5 th Yr.	_____	_____	_____																											

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: Advanced Metering Infrastructure (AMI) Estimated																														
Acct #: TBD			Project Code: AMIMTR																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure sufficient and effective service delivery and quality aesthetic appeal. Maximize use of new technology in applicable areas.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 2,500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,500,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft _____		5. Status of Project: _____ Preliminary Estimate _____ Survey in Progress <input checked="" type="checkbox"/> Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired _____ Publicly Owned _____ No Land Involved _____ Gift			Project Description: Replace existing water meters which require monthly on-site meter reading with new water meters with electronic data transfer capability to reduce on-site meter reading. FY 2017 Select vendor, award contract, begin meter change out Future Complete meter change out																									
3. Estimated Costs: In Previous CIP \$ <u>2,500,000</u> In Present CIP \$ <u>0</u> Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ <u>2,500,000</u>		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: TBD \$ <u>0</u> Total			Project Justification: Update water meters with technology to collect daily or monthly water use data and remotely transmit data to a collector or to a central office computer. System will reduce labor of reading water meters with monthly on-site read cycles.																									
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">Local</td> <td style="text-align: center;">State</td> <td style="text-align: center;">Federal</td> </tr> <tr> <td>1st Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </table>			Local	State	Federal	1 st Yr.	UF	_____	_____	2 nd Yr.	_____	_____	_____	3 rd Yr.	_____	_____	_____	4 th Yr.	_____	_____	_____	5 th Yr.	_____	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues <input checked="" type="checkbox"/> No Effect \$ _____ Total				
	Local	State	Federal																											
1 st Yr.	UF	_____	_____																											
2 nd Yr.	_____	_____	_____																											
3 rd Yr.	_____	_____	_____																											
4 th Yr.	_____	_____	_____																											
5 th Yr.	_____	_____	_____																											

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: Wastewater Treatment Plant Tank Coating																														
Acct #: 411-8711-535-63-31			Project Code: WWTC18																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Apply best management practices and systems in infrastructure maintenance.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 0	\$ 250,000	\$ 0	\$ 0	\$ 250,000	\$ 0	\$ 500,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ Sq Ft N/A		5. Status of Project: <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2018 & 2021 Replace interior coating system in our wastewater equalization tank. There are two tanks at the MPF and two tanks at the BPF. Coating replacement is on a rotational schedule based on need every 2-5 years.																									
3. Estimated Costs: In Previous CIP \$ _____ 0 In Present CIP \$ _____ 500,000 Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ _____ 500,000 Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: No additional operating cost. \$ _____ 0 Total			Project Justification: Interior tank coating system has a warranty of 2-5 years. Annual inspection will be performed. when a coating failure is detected outside of the warranty period, the coating system will be replaced. Coating system is needed to protect concrete surfaces from wastewater.																									
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1st Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 st Yr.	UF	_____	_____	2 nd Yr.	_____	_____	_____	3 rd Yr.	_____	_____	_____	4 th Yr.	UF	_____	_____	5 th Yr.	_____	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues <input checked="" type="checkbox"/> No Effect \$ _____ Total				
	Local	State	Federal																											
1 st Yr.	UF	_____	_____																											
2 nd Yr.	_____	_____	_____																											
3 rd Yr.	_____	_____	_____																											
4 th Yr.	UF	_____	_____																											
5 th Yr.	_____	_____	_____																											

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: Wastewater Treatment Plant Permit Renewal (FDEP)						
Acct #: 411-8711-535-63-31			Project Code: WWPERM			
Project Priority: Partnerships, Communication & Collaboration - Continue to promote partnerships, communication and transparency with all stakeholders.				Goal: Emphasize transparency in City operations, reporting and activities.		
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost
\$ 0	\$ 0	\$ 75,000	\$ 0	\$ 0	\$ 0	\$ 75,000
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft N/A		5. Status of Project: _____ X Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson	
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired _____ X Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2019 The WWTP is required to maintain an operating permit issued by the Florida Department of Environmental Protection. Permit compliance requires renewal at 5 year intervals. Funds are needed for engineering services to prepare permit application materials prior to September 2019.	
3. Estimated Costs: In Previous CIP \$ _____ 0 In Present CIP \$ _____ 75,000 Engineering \$ _____ 75,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: Permit renewal only. No additional operating cost. \$ _____ 0 Total			Project Justification: Florida Department of Regulation will require renewal of the WWTP operating permit in 2019. Current permit is valid September 2014 - September 2019.	
4. Sources of Financing: Local State Federal 1 st Yr. _____ 2 nd Yr. UF _____ 3 rd Yr. _____ 4 th Yr. _____ 5 th Yr. _____		8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues _____ X No Effect \$ _____ Total				

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: WWTP Deep Injection Well Permit Renewal (FDEP)						
Acct #: 411-8711-535-63-31			Project Code: DWPERM			
Project Priority: Partnerships, Communication & Collaboration - Continue to promote partnerships, communication and transparency with all stakeholders.				Goal: Emphasize transparency in City operations, reporting and activities.		
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost
\$ 0	\$ 0	\$ 75,000	\$ 0	\$ 0	\$ 0	\$ 75,000
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft N/A		5. Status of Project: _____ X Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson	
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired _____ X Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2019 The WWTP effluent disposal deep well is regulated by an Underground Injection Control (UIC) permit. Permit compliance requires renewal at 5 year intervals.	
3. Estimated Costs: In Previous CIP \$ _____ 0 In Present CIP \$ _____ 75,000 Engineering \$ _____ 75,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: Permit renewal only. No additional operating cost. \$ _____ 0 Total			Project Justification: Florida Department of Regulation will require renewal of the UIC permit by 2019.	
4. Sources of Financing: Local State Federal 1 st Yr. _____ 2 nd Yr. UF _____ 3 rd Yr. _____ 4 th Yr. _____ 5 th Yr. _____		8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues _____ X No Effect \$ _____ Total				

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: WWTP Deep Injection Well Mechanical Integrity Testing (MIT)						
Acct #: 411-8711-535-63-31			Project Code: DWMIT			
Project Priority: Partnerships, Communication & Collaboration - Continue to promote partnerships, communication and transparency with all stakeholders.				Goal: Emphasize transparency in City operations, reporting and activities.		
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost
\$ 0	\$ 0	\$ 0	\$ 120,000	\$ 0	\$ 0	\$ 120,000
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft N/A		5. Status of Project: _____ X Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson	
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired _____ X Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2020 The WWTP effluent disposal well is regulated by an Underground Injection Control (UIC) permit. Permit compliance requires Mechanical Integrity Testing (MIT) at 5 year intervals. Project will perform MIT for the required period.	
3. Estimated Costs: In Previous CIP \$ _____ 0 In Present CIP \$ _____ 120,000 Engineering \$ _____ 120,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: Required testing for permit renewal. No additional operating cost. \$ _____ 0 Total				
4. Sources of Financing: Local State Federal 1 st Yr. _____ 2 nd Yr. _____ 3 rd Yr. UF _____ 4 th Yr. _____ 5 th Yr. _____		8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues _____ X No Effect \$ _____ Total			Project Justification: MIT is required by UIC permit.	

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: WWTP Deep Injection Well Pump Replacement																														
Acct #: 411-8711-535-63-31			Project Code: DWPUMP																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient and effective service delivery and quality aesthetic appeal.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 0	\$ 40,000	\$ 40,000	\$ 0	\$ 0	\$ 0	\$ 80,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ Sq Ft N/A		5. Status of Project: <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2018 Change out pump 2 FY 2019 Change out pump 3																									
3. Estimated Costs: In Previous CIP \$ _____ 0 In Present CIP \$ _____ 80,000 Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____ 80,000		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: No additional operating cost. \$ _____ 0 Total			Project Justification: The effluent pump station was constructed in 2001 with two duty pumps and one jockey pump. The City added high level disinfection to the effluent process in 2015. The pump materials are not designed to handle the chlorine added by high level disinfection. Three new pumps designed for chemical resistance are recommended.																									
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1st Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 st Yr.	UF	_____	_____	2 nd Yr.	UF	_____	_____	3 rd Yr.	_____	_____	_____	4 th Yr.	_____	_____	_____	5 th Yr.	_____	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues _____ X No Effect \$ _____ Total				
	Local	State	Federal																											
1 st Yr.	UF	_____	_____																											
2 nd Yr.	UF	_____	_____																											
3 rd Yr.	_____	_____	_____																											
4 th Yr.	_____	_____	_____																											
5 th Yr.	_____	_____	_____																											

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: WWTP CLEARWELL FILTERS																														
Acct #: 411-8711-535-63-31			Project Code: CWF18																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient and effective service delivery and quality aesthetic appeal. Apply best management practices & systems in infrastructure maintenance.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 0	\$ 75,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 75,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ Sq Ft		5. Status of Project: <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2018 Install a cover filter at the clearwell to prohibit algae growth from sunlight.																									
3. Estimated Costs: In Previous CIP \$ _____ 0 In Present CIP \$ _____ 75,000 Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____ 75,000		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: \$ _____ 0 Total			Project Justification: The clearwell is producing too much algae due to nutrients and too much sunlight. This causes our Total Suspended Solids (TSS) compliance meter to read high.																									
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1st Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 st Yr.	UF	_____	_____	2 nd Yr.	_____	_____	_____	3 rd Yr.	_____	_____	_____	4 th Yr.	_____	_____	_____	5 th Yr.	_____	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues <input checked="" type="checkbox"/> No Effect \$ _____ Total				
	Local	State	Federal																											
1 st Yr.	UF	_____	_____																											
2 nd Yr.	_____	_____	_____																											
3 rd Yr.	_____	_____	_____																											
4 th Yr.	_____	_____	_____																											
5 th Yr.	_____	_____	_____																											

Capital Improvements Program

Project Title: WWTP DSSU MOTOR / BLOWER REHAB																														
Acct #: 411-8711-535-63-31			Project Code: DSSU18																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient and effective service delivery and quality aesthetic appeal. Apply best management practices & systems in infrastructure maintenance.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 0	\$ 75,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 75,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ Sq Ft N/A		5. Status of Project: <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2018 Replace blower and motor at Digestive Sludge Storage Unit due to inadequate air supply.																									
3. Estimated Costs: In Previous CIP \$ _____ 0 In Present CIP \$ _____ 75,000 Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____ 75,000		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: No additional operating cost. \$ _____ 0 Total			Project Justification: Current blower and motor at the Digestive Sludge Storage Unit was installed in 1983. Parts for current pump and motor are unavailable and currently do not provide enough air supply to the DSSU.																									
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1st Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 st Yr.	UF	_____	_____	2 nd Yr.	_____	_____	_____	3 rd Yr.	_____	_____	_____	4 th Yr.	_____	_____	_____	5 th Yr.	_____	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues _____ X No Effect \$ _____ Total				
	Local	State	Federal																											
1 st Yr.	UF	_____	_____																											
2 nd Yr.	_____	_____	_____																											
3 rd Yr.	_____	_____	_____																											
4 th Yr.	_____	_____	_____																											
5 th Yr.	_____	_____	_____																											

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: WWTP RELINE SLUDGE POND																														
Acct #: 411-8711-535-63-31			Project Code: RLSP18																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient and effective service delivery and quality aesthetic appeal. Apply best management practices & systems in infrastructure maintenance.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 0	\$ 50,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 50,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ Sq Ft		5. Status of Project: <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2018 Replace pond liner #3 to assist with holding sludge during excessive rain conditions.																									
3. Estimated Costs: In Previous CIP \$ _____ 0 In Present CIP \$ _____ 50,000 Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ _____ 50,000 Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: \$ _____ 0 Total			Project Justification: Torn and ripped liner needs to be replaced. Store sludge in pond during rainy season.																									
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1st Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 st Yr.	UF	_____	_____	2 nd Yr.	_____	_____	_____	3 rd Yr.	_____	_____	_____	4 th Yr.	_____	_____	_____	5 th Yr.	_____	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues <input checked="" type="checkbox"/> No Effect \$ _____ Total				
	Local	State	Federal																											
1 st Yr.	UF	_____	_____																											
2 nd Yr.	_____	_____	_____																											
3 rd Yr.	_____	_____	_____																											
4 th Yr.	_____	_____	_____																											
5 th Yr.	_____	_____	_____																											

Capital Improvements Program

Project Title: WWTP EXPANSION																														
Acct #: 411-8711-535-63-31			Project Code: WWPEXP																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient and effective service delivery and quality aesthetic appeal. Apply best management practices & systems in infrastructure maintenance.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 0	\$ 200,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000	\$ 1,500,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft		5. Status of Project: <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2018 The DEP Rule requires the City to monitor flow rates of WWTP treatment and if flow rates reach 75% of the plant design flow capacity, a WWTP Expansion design report is required. Flow rates indicate the 75% condition is expected to occur within 5 years. This project will prepare a design report to identify future alternatives of WWTP expansion.																									
3. Estimated Costs: In Previous CIP \$ _____ 0 In Present CIP \$ 1,500,000 Engineering \$ 200,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ 1,300,000 Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: \$ _____ 0 Total			Project Justification: A planned approach for WWTP capacity and expansion is required by DEP rule when the capacity of the WWTP reaches 75% of the permitted capacity.																									
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1st Yr.</td> <td style="text-align: center;">UF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">UF/UIF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">UF/UIF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">UF/UIF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">UF/UIF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 st Yr.	UF _____	_____	_____	2 nd Yr.	UF/UIF _____	_____	_____	3 rd Yr.	UF/UIF _____	_____	_____	4 th Yr.	UF/UIF _____	_____	_____	5 th Yr.	UF/UIF _____	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues <input checked="" type="checkbox"/> No Effect \$ _____ Total				
	Local	State	Federal																											
1 st Yr.	UF _____	_____	_____																											
2 nd Yr.	UF/UIF _____	_____	_____																											
3 rd Yr.	UF/UIF _____	_____	_____																											
4 th Yr.	UF/UIF _____	_____	_____																											
5 th Yr.	UF/UIF _____	_____	_____																											

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: The Loop Force Main Extension						
Acct #: 411-8536-535-63-67			Project Code: LOOP21			
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure sufficient and effective service delivery and quality aesthetic appeal. Maximize use of new technology in applicable areas.		
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost
\$ 300,000	\$ 1,500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,800,000
1. Land Cost: _____ Acres _____ Front Ft _____ Sq Ft		5. Status of Project: _____ X Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson	
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired _____ Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2018 The Project will construct a new 14" force main on Jones Loop Road between the Seminole Gulf RR and Piper Rd. This pipeline is identified in the 2006 Water and Wastewater Master Plan. The force main is needed to provide increased capacity for wastewater transmission originating in the south half of the service area. Currently all wastewater west of I-75 is dependent upon one 14" force main in Henry Street.	
3. Estimated Costs: In Previous CIP \$ <u>300,000</u> In Present CIP \$ <u>1,500,000</u> Engineering \$ <u>300,000</u> Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ <u>1,500,000</u> Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: TBD \$ <u>0</u> Total			Project Justification: The project is needed to meet future wastewater transmission capacity requirements, and to provide improved reliability of the wastewater transmission system by providing a second pathway to the WWTP.	
4. Sources of Financing: Local State Federal 1 st Yr. <u>UIF</u> _____ _____ 2 nd Yr. _____ _____ _____ 3 rd Yr. _____ _____ _____ 4 th Yr. _____ _____ _____ 5 th Yr. _____ _____ _____		8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues _____ X No Effect \$ _____ Total				

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: Waste Water Sewer Feasibility Study						
Acct #: 411-8536-535-63-67			Project Code: WWSTDY			
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure sufficient and effective service delivery and quality aesthetic appeal. Maximize use of new technology in applicable areas.		
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost
\$ 89,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 89,000
1. Land Cost: ____ Acres ____ Front Ft ____ Sq Ft		5. Status of Project: ____ X Preliminary Estimate ____ Survey in Progress ____ X Plans in Preparation ____ Completed			Department: Utilities Administration Contact Person: Tom Jackson	
2. Building Construction Cost: ____ Sq. Ft. ____ Equipment N/A		6. Status of Land Acquisition: ____ Not Yet Acquired ____ Partly Acquired ____ Publicly Owned ____ No Land Involved ____ Gift			Project Description: Prepare a Master Plan to evaluate the cost to extend wastewater collection facilities to properties in the Punta Gorda Utility Service Area currently utilizing on-site septic tanks for wastewater disposal.	
3. Estimated Costs: In Previous CIP \$ 89,000 In Present CIP \$ 0 Engineering \$ 89,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: TBD \$ 0 Total			FY 2017 Perform Master Plan Study	
4. Sources of Financing: Local State Federal 1 st Yr. UF _____ 2 nd Yr. _____ 3 rd Yr. _____ 4 th Yr. _____ 5 th Yr. _____		8. Effect on income (+ or -): ____ Loss of Taxes ____ Gain From Sale of ____ Previous Facility ____ New Revenues ____ X No Effect \$ _____ Total			Project Justification: Charlotte County BCC has adopted a 10 Plan to extend central sewer to properties currently utilizing on-site septic tanks for wastewater disposal. Punta Gorda is seeking to work in cooperation with BCC to study and construct central sewers.	

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: Riverside Drive Improvements						
Acct #: 411-8423-533-63-21			Project Code: RIVIMP			
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient and effective service delivery and quality aesthetic appeal.		
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost
\$ 190,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 190,000
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft N/A		5. Status of Project: _____ X Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson	
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired _____ X Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2016 Design and construct 1,500 LF new 6" water main on Riverside Drive from Tuckerman to Dutch, and 800 LF new 8" water main from Regent to Darst.	
3. Estimated Costs: In Previous CIP \$ 190,000 In Present CIP \$ 0 Engineering \$ 38,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ 152,000 Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ -1,560 Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: \$ -1,560 Total			Project Justification: Provide improved water distribution capacity. Project is listed in Water Master Plan page 4-32.	
4. Sources of Financing: Local State Federal 1 st Yr. _____ 2 nd Yr. _____ 3 rd Yr. _____ 4 th Yr. _____ 5 th Yr. _____		8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues _____ X No Effect \$ _____ Total				

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: UT Relocation I75 Widening Phase I						
Acct #: 411-8423-533-63-09			Project Code: URI75W			
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.		
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost
\$ 206,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 206,000
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft _____ Right of Way		5. Status of Project: _____ X Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson	
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired _____ X Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2016 - 2017 Relocate water lines to accommodate work planned by FDOT to widen I75.	
3. Estimated Costs: In Previous CIP \$ 206,000 In Present CIP \$ 0 Engineering \$ 60,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ 146,000 Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: Relocation of existing lines. No additional operating cost. \$ 0 Total			Project Justification: FDOT programs roadway improvements in a 5 year CIP and also performs non-programmed projects. Roadway projects may require utility adjustments to accommodate road improvements.	
4. Sources of Financing: Local State Federal 1 st Yr. UF _____ 2 nd Yr. _____ 3 rd Yr. _____ 4 th Yr. _____ 5 th Yr. _____		8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues _____ X No Effect \$ _____ Total				

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: Raw Water Pump Station Upgrade																														
Acct #: 411-8422-533-65-02			Project Code: RWPSUP																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient and effective service delivery and quality aesthetic appeal. Maximize use of new technology in applicable areas.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 1,760,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,760,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft _____ N/A		5. Status of Project: _____ X Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired _____ X Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2014 - FY 2015 Prepare design and construct plans for raw water pump station improvement selected by planning study. FY 2016 - FY 2017 Bid, award and construct raw water pump station improvements.																									
3. Estimated Costs: In Previous CIP \$ 1,760,000 In Present CIP \$ 0 Engineering \$ 210,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ 1,550,000 Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: \$ 0 Total			Project Justification: Raw Water Pumping Station (RWPS) was constructed in 1964 & has numerous age deficiencies. New pumps & motor controls. The project is needed to improve reliability & reduce the possibility of a pump failure & the inability to pump raw water to the WTP. RWPS delivers raw water from Hendrickson Reservoir to WTP for processing to drinking water.																									
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1st Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 st Yr.	_____	_____	_____	2 nd Yr.	_____	_____	_____	3 rd Yr.	_____	_____	_____	4 th Yr.	_____	_____	_____	5 th Yr.	_____	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues _____ X No Effect \$ _____ Total				
	Local	State	Federal																											
1 st Yr.	_____	_____	_____																											
2 nd Yr.	_____	_____	_____																											
3 rd Yr.	_____	_____	_____																											
4 th Yr.	_____	_____	_____																											
5 th Yr.	_____	_____	_____																											

Capital Improvements Program

Project Title: Phase 1 Ground Water (RO)						
Acct #: 411-8422-533-65-02			Project Code: PH1GW			
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.		
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost
\$ 3,812,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,812,000
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft _____ City owned property		5. Status of Project: _____ X Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson	
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired _____ X Publicly Owned _____ No Land Involved _____ Gift			Project Description: This project will construct a 4 MGD RO WTP Improvement. The project cost estimate has been updated to 40,000,000 based on 90% plans & CMAR cost estimate. Phase 1 Groundwater consists of: all the engineering for the well fields, deep injection well and the RO plant; and engineering inspections for construction of the RO plant. FY 2015-FY 2017 RO plant - Engineering services to design and permit RO facility as final phase of project.	
3. Estimated Costs: In Previous CIP \$ 3,812,000 In Present CIP \$ 0 Engineering \$ 3,812,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ 128,000 Other Costs: net operating cost increase for all 4 RO projects \$ 128,000 Total			Project Justification: Plan, design, & construct WTP improvement projects to meet regulatory requirements & water use forecast as defined in the March 2009 Water Supply Master Plan. RO will need to be completed in phases through permitting and testing of Phase I & II - Permitting & well fields Phase III - Permitting & Injection well Phase IV - Permitting & RO facility	
4. Sources of Financing: Local State Federal 1 st Yr. _____ 2 nd Yr. _____ 3 rd Yr. _____ 4 th Yr. _____ 5 th Yr. _____		8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues _____ X No Effect \$ _____ Total				

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: RO - Well Field Construction																														
Acct #: 411-8422-533-65-02			Project Code: RO-WEL																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 2,400,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,400,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft City owned property		5. Status of Project: ____X____ Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired ____X____ Publicly Owned _____ No Land Involved _____ Gift			Project Description: This project will construct a 4 MGD RO WTP Improvement. The project cost estimate has been updated to 40,000,000 based on 90% plans & CMAR cost estimate. FY2015 - FY2016 Construct well field for 5 MGD raw water supply																									
3. Estimated Costs: In Previous CIP \$ <u>2,400,000</u> In Present CIP \$ <u>0</u> Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ <u>2,400,000</u> Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ <u>128,000</u> Other Costs: net operating cost increase for all 4 RO projects \$ <u>128,000</u> Total			Project Justification: Plan, design, & construct WTP improvement projects to meet regulatory requirements & water use forecast as defined in the March 2009 Water Supply Master Plan. RO will need to be completed in phases through permitting and testing of Phase I & II - Permitting & Well fields Phase III - Permitting & Injection well Phase IV - Permitting & RO facility																									
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	Local	State	Federal																											
1 st Yr.	_____	_____	_____																											
2 nd Yr.	_____	_____	_____																											
3 rd Yr.	_____	_____	_____																											
4 th Yr.	_____	_____	_____																											
5 th Yr.	_____	_____	_____																											

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: RO - Deep Injection Well						
Acct #: 411-8422-533-65-02			Project Code: RO-DIW			
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.		
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost
\$ 4,334,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,334,000
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft City owned property		5. Status of Project: _____ X Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson	
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired _____ X Publicly Owned _____ No Land Involved _____ Gift			Project Description: This project will construct a 4 MGD RO WTP Improvement. The project cost estimate has been updated to 40,000,000 based on 90% plans & CMAR cost estimate. This project is the concentrate disposal system of the Punta Gorda RO project described in the Tetra Tech Preliminary Design Report. FY 2015: Submit DEP application for DIW FY 2016: Bid & construct concentrate disposal system of the RO project	
3. Estimated Costs: In Previous CIP \$ <u>4,334,000</u> In Present CIP \$ <u>0</u> Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ <u>4,334,000</u> Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ <u>128,000</u> Other Costs: net operating cost increase for all 4 RO projects \$ <u>128,000</u> Total			Project Justification: Plan, design, & construct WTP improvement projects to meet regulatory requirements & water use forecast as defined in the March 2009 Water Supply Master Plan. RO will need to be completed in phases through permitting and testing of Phase I & II - Permitting & Well fields Phase III - Permitting & Injection well Phase IV - Permitting & RO facility	
4. Sources of Financing: Local State Federal 1 st Yr. _____ 2 nd Yr. _____ 3 rd Yr. _____ 4 th Yr. _____ 5 th Yr. _____		8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues _____ X No Effect \$ _____ Total				

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: Phase 1 Ground Water (RO) - CONSTRUCTION																														
Acct #: 411-8422-533-65-02			Project Code: RO-CMR																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.			Goal: Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																											
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 21,654,000	\$ 7,800,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 29,454,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft City owned property		5. Status of Project: _____ X Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired _____ X Publicly Owned _____ No Land Involved _____ Gift			Project Description: This project will construct a 4 MGD RO WTP Improvement. The project cost estimate has been updated to 40,000,000 based on 90% plans & CMAR cost estimate. FY2016 - FY2018 Value engineer, bid and construct R.O. facility																									
3. Estimated Costs: In Previous CIP \$ <u>21,654,000</u> In Present CIP \$ <u>7,800,000</u> Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ <u>29,454,000</u> Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ <u>128,000</u> Other Costs: net operating cost increase for all 4 RO projects \$ <u>128,000</u> Total			Project Justification: Plan, design, & construct WTP improvement projects to meet regulatory requirements & water use forecast as defined in the March 2009 Water Supply Master Plan. RO will need to be completed in phases through permitting and testing of Phase I & II - Permitting & Well fields Phase III - Permitting & Injection well Phase IV - Permitting & RO facility																									
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	Local	State	Federal																											
1 st Yr.	UF/RF	G	_____																											
2 nd Yr.	_____	_____	_____																											
3 rd Yr.	_____	_____	_____																											
4 th Yr.	_____	_____	_____																											
5 th Yr.	_____	_____	_____																											

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: Burnt Store Road Tank Improvements						
Acct #: 411-8422-533-65-02			Project Code: BSRT17			
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient and effective service delivery and quality aesthetic appeal. Maximize use of new technology in applicable areas.		
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost
\$ 200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 200,000
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft N/A		5. Status of Project: _____ X Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson	
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired _____ X Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2017 Design, permit and construct disinfection process equipment at the Burnt Store Road Tank.	
3. Estimated Costs: In Previous CIP \$ 200,000 In Present CIP \$ 0 Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ 200,000 Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: \$ 0 Total			Project Justification: DEP is proposing a rule change to require the WTP to monitor and report additional disinfection stands in the distribution system. A system will be needed to at the Burnt Store Rd Storage Tank to add disinfection.	
4. Sources of Financing: Local State Federal 1 st Yr. _____ 2 nd Yr. _____ 3 rd Yr. _____ 4 th Yr. _____ 5 th Yr. _____		8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues _____ X No Effect \$ _____ Total				

Capital Improvements Program

Project Title: Hendrickson Dam Inspection Program and Management																														
Acct #: 411-8422-533-63-30			Project Code: DAMINS																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Apply best management practices and systems in infrastructure maintenance.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 0	\$ 0	\$ 25,000	\$ 0	\$ 25,000	\$ 0	\$ 50,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft N/A		5. Status of Project: <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2019 & FY2021 Funds are programmed for dam inspection and report documenting the condition of the dam components and recommending maintenance and rehabilitation.																									
3. Estimated Costs: In Previous CIP \$ _____ 0 In Present CIP \$ _____ 50,000 Engineering \$ _____ 50,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: No additional operating cost. \$ _____ 0 Total			Project Justification: Hendrickson Dam impounds water from Shell Creek to provide a water supply reservoir for the WTP. The dam was constructed in 1965 and a major rehabilitation of the spillway was completed in FY 2010. Operational protocol of dam facilities provides for annual dam inspections to monitor and document the condition of dam components. A maintenance program and capital program are developed to address deficiencies. A specialized engineering firm will be engaged to perform dam inspections and to develop recommendations for maintenance and rehabilitation projects. Funds are programmed for biennial inspections and reports.																									
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1st Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 st Yr.	_____	_____	_____	2 nd Yr.	UF	_____	_____	3 rd Yr.	_____	_____	_____	4 th Yr.	UF	_____	_____	5 th Yr.	_____	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues _____ X No Effect \$ _____ Total				
	Local	State	Federal																											
1 st Yr.	_____	_____	_____																											
2 nd Yr.	UF	_____	_____																											
3 rd Yr.	_____	_____	_____																											
4 th Yr.	UF	_____	_____																											
5 th Yr.	_____	_____	_____																											

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: Hydro Biological Monitoring Plan																														
Acct #: 411-8422-533-31-14			Project Code: HBMP20																											
Project Priority: Quality of Life - Enhance and promote Punta Gorda's attractive neighborhoods & working environment, heritage tourism, cultural opportunities, healthy eco-system and outdoor lifestyle and its vibrant, safe city status.				Goal: Improve the City's water quality.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 0	\$ 0	\$ 0	\$ 50,000	\$ 0	\$ 0	\$ 50,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ _____ Sq Ft _____ N/A		5. Status of Project: _____ X Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired _____ Publicly Owned _____ X No Land Involved _____ Gift			Project Description: FY 2020 SWFWMD water use permit requires a sampling and testing plan to document biological conditions of Shell Creek. Testing and sampling is required on a monthly basis each year and a summary report is required on a 5 year cycle. The cost of the summary report is budgeted for \$50,000 on a 5 year recurring cycle. The 2015 Summary report is currently in progress.																									
3. Estimated Costs: In Previous CIP \$ _____ 0 In Present CIP \$ _____ 50,000 Engineering \$ _____ 50,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: No additional operating cost. \$ _____ 0 Total			Project Justification: The City Water Treatment Plant (WTP) obtains source water from Shell Creek, authorized by a water use permit (WUP) issued by SWFWMD. The WUP requires the City to perform water quality testing, complete data and furnish a technical report to demonstrate permitted water use complies with regulatory standards. The composite activities consisting of water sampling, testing, data analysis, and preparation of a 5 year technical summary report are assigned the term Hydro Biological Monitoring Plan.																									
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">Local</td> <td style="text-align: center;">State</td> <td style="text-align: center;">Federal</td> </tr> <tr> <td>1st Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </table>			Local	State	Federal	1 st Yr.	_____	_____	_____	2 nd Yr.	_____	_____	_____	3 rd Yr.	UF	_____	_____	4 th Yr.	_____	_____	_____	5 th Yr.	_____	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues _____ X No Effect \$ _____ Total				
	Local	State	Federal																											
1 st Yr.	_____	_____	_____																											
2 nd Yr.	_____	_____	_____																											
3 rd Yr.	UF	_____	_____																											
4 th Yr.	_____	_____	_____																											
5 th Yr.	_____	_____	_____																											

* FUNDING SOURCES (SEE PAGE 8.05)

Capital Improvements Program

Project Title: Reuse Feasibility Study																														
Acct #: 411-8422-533-31-14			Project Code: REUSE																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient and effective service delivery and quality aesthetic appeal. Maximize use of new technology in applicable areas.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ Sq Ft N/A		5. Status of Project: <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2017 The City Water Use Permit requires the City to prepare and submit a Reuse Feasibility Report & 10 year updates to the report. The term reuse means to treat & reclaim water from the wastewater plant, and beneficially reuse the water. Most reuse water is used for irrigation. The water from the WWTP has never been suitable for irrigation due to elevated chloride concentration. This condition is not expected to change.																									
3. Estimated Costs: In Previous CIP \$ 100,000 In Present CIP \$ 0 Engineering \$ 100,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: \$ 0 Total																												
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	Local	State	Federal																											
1 st Yr.	_____	_____	_____																											
2 nd Yr.	_____	_____	_____																											
3 rd Yr.	_____	_____	_____																											
4 th Yr.	_____	_____	_____																											
5 th Yr.	_____	_____	_____																											

Capital Improvements Program

Project Title: WTP GENERATOR																														
Acct #: 411-8422-533-65-02			Project Code: WTPGEN																											
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																										
Previous Years	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total Cost																								
\$ 0	\$ 1,300,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,300,000																								
1. Land Cost: _____ Acres _____ Front Ft _____ Sq Ft		5. Status of Project: <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			Department: Utilities Administration Contact Person: Tom Jackson																									
2. Building Construction Cost: _____ Sq. Ft. _____ Equipment N/A		6. Status of Land Acquisition: _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			Project Description: FY 2018 Design, bid, and install replacement emergency power generator.																									
3. Estimated Costs: In Previous CIP \$ _____ In Present CIP \$ <u>1,300,000</u> Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ <u>1,300,000</u>		7. Effect of Operating Cost (+ or -): \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: No additional operating cost. \$ _____ <u>0</u> Total			Project Justification: The Emergency Generator at the WTP was installed 30 years ago. While the unit currently works, it's main function is reliable backup power supply in the event FPL is out of service. The reliability of the unit is uncertain due to age, and non-predictable repair events.																									
4. Sources of Financing: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1st Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2nd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3rd Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5th Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 st Yr.	UF	_____	_____	2 nd Yr.	_____	_____	_____	3 rd Yr.	_____	_____	_____	4 th Yr.	_____	_____	_____	5 th Yr.	_____	_____	_____	8. Effect on income (+ or -): _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues _____ No Effect \$ _____ Total				
	Local	State	Federal																											
1 st Yr.	UF	_____	_____																											
2 nd Yr.	_____	_____	_____																											
3 rd Yr.	_____	_____	_____																											
4 th Yr.	_____	_____	_____																											
5 th Yr.	_____	_____	_____																											

* FUNDING SOURCES (SEE PAGE 8.05)