

Pinellas County  
**Standard Revenues by Center - Detail**  
Fund: FHSEW Sewer Funds  
Entity : C100200 Fund Revenues  
Program : Total Program Total Program  
Version : Proposed Budget

Title	FY17 Actual	FY18 Actual	FY19 Actual	FY20 Budget	FY20 Estimate	FY21 Total Request
<b>License and Permits</b>						
O3251100 Capital Imprvmt-Spcl Assmt	5	0	0	0	0	0
O3290006 Industrl Wstewtr Dis Perm	33,950	27,150	48,150	28,500	56,160	47,500
O3290007 Grease Permitting Fee	107,415	112,260	113,137	104,500	103,140	104,500
<b>License and Permits Total</b>	141,370	139,410	161,287	133,000	159,300	152,000
<b>Intergovernmental Revenue</b>						
O3312001 Fed Grant-Public Safety	556,936	0	0	0	0	0
O3312002 Fed Grant-Public Safety-FEMA	0	0	0	593,330	293,854	0
O3373001 Local Govt Unit Grant-PE	0	0	0	0	0	550,000
<b>Intergovernmental Revenue Total</b>	556,936	0	0	593,330	293,854	550,000
<b>Charges for Services</b>						
O3433121 Water-Late Payment Fee	4,447,160	0	0	0	0	0
O3435110 Sewer Service Charges	50,954,009	50,274,228	50,630,104	55,575,000	54,252,928	58,900,000
O3435120 Tapping Fees	22,184	83,285	56,321	23,750	26,851	23,750
O3435121 Sewer-Late Payment Fee	0	516,715	407,357	560,000	453,465	450,000
O3435160 Connection Fees-Interest	470	470	339	470	0	470
O3435230 Trtmnt Chg-N RedingtN Bch	397,356	377,670	390,381	384,940	440,433	475,000
O3435240 Trtmnt Chg-Pinellas Park	5,485,029	7,575,185	8,874,960	7,980,000	9,661,156	9,500,000
O3435270 Trtmnt Chg-RedingtN Shr	651,913	680,242	613,651	617,500	698,767	712,500
O3435320 Reclaim Water Svc Chrg	5,106,950	5,319,339	5,448,520	5,700,000	5,835,214	5,985,000
O3435322 Whlsl Reclaimed Meter SC	3,024	3,024	3,024	3,020	3,024	3,020
O3435331 Reclaim Water-St Pete Bch	115,954	106,097	123,585	133,000	197,653	190,000
O3435332 Reclaim Water-So Pasadena	25,609	23,351	26,506	28,500	43,979	42,750
O3435333 Reclaim Water-Pinellas Park	209,291	190,559	198,479	190,000	281,131	261,250
O3435334 Reclaim Water-Belleair	17,697	10,330	14,677	9,970	14,552	14,250
O3435351 Swr Svc- Bill Fr Belleair	1,159,860	1,197,850	1,141,127	1,330,000	1,185,669	1,187,500
O3435352 Swr Svc- Bill Fr Gulfport	853,431	801,087	800,766	836,000	865,424	902,500
O3435353 Swr Svc- Bill Fr Pnlis Prk	586,663	553,762	583,539	589,000	591,753	589,000
O3435354 Swr Svc- Bill Fr St Pete	8,191,477	9,449,177	9,022,586	9,025,000	9,063,348	9,120,000
O3435355 Swr Svc- Bill Fr Utls Inc	152,684	155,571	163,425	133,000	156,071	161,500
O3435502 Laboratory Services	211,284	205,997	228,168	190,000	148,466	190,000
O3435570 Miscellaneous Revenue	41,382	44,174	60,877	42,750	33,749	42,750
O3435601 Fat/Oil/Grease Tip Fees	226,263	226,263	226,263	226,260	226,263	226,260
O3435701 Pelletized Sludge Sales	193,418	191,634	177,764	190,000	171,737	180,500
O3490010 Chg For Sv-Bad Dbt Ex(DR)	53,391	(2,266)	(109,044)	0	0	0
<b>Charges for Services Total</b>	79,106,497	77,983,745	79,083,378	83,768,160	84,351,633	89,158,000
<b>Interest Earnings</b>						
O3611001 Interest On Investments	0	0	0	1,425,000	1,289,315	1,330,000
O3611210 Interest-Cash Pools	68,368	75,629	139,546	0	0	0
O3611700 Interest - LGIP & Public Funds Depository Accounts	132,835	295,208	349,018	0	0	0
O3611800 Interest-Securities	511,779	723,745	985,348	0	0	0
O3611991 Other Interest Earnings	2,812	3,254	45,274	3,320	3,576	3,320
O3613001 Net Inc/Dec In Fair Value	(158,496)	(245,635)	610,183	0	0	0
<b>Interest Earnings Total</b>	557,299	852,201	2,129,369	1,428,320	1,292,891	1,333,320
<b>Rents, Surplus and Refunds</b>						

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<b>Title</b>	<b>FY17 Actual</b>	<b>FY18 Actual</b>	<b>FY19 Actual</b>	<b>FY20 Budget</b>	<b>FY20 Estimate</b>	<b>FY21 Total Request</b>
O3621008 Rent-Bldg/Space	126,269	169,344	178,407	180,500	182,333	190,000
O3644100 Sale- Surplus Equipment	323,084	53,615	186,951	33,250	1,106	33,250
O3644200 Ins Proceeds-Furn/Fxtr/Eq	16,224	24,025	6,672	19,000	0	19,000
O3650002 Sale-Surplus Eq Under Cap	0	0	513	0	0	0
O3650003 Sale-Scrap	12,867	17,599	9,241	950	1,900	950
<b>Rents, Surplus and Refunds Total</b>	<b>478,444</b>	<b>264,582</b>	<b>381,784</b>	<b>233,700</b>	<b>185,339</b>	<b>243,200</b>
<b>Other Misc. Revenue</b>						
O3699305 Inter-Reimb-External-Other	281,620	113,616	139,635	166,250	138,071	142,500
O3699350 Refund Of Prior Yrs Exp	1,235	(1,030)	896	0	0	0
O3699990 Overage & Shortage	(4)	0	0	0	0	0
O3699991 Other Miscellaneous Revenue	34,281	16,148	10,408	0	92	9,500
O3693004 Liquid Aluminum Sulfate Antitrust Litigation Settlement	0	0	0	0	129,432	0
<b>Other Misc. Revenue Total</b>	<b>317,132</b>	<b>128,735</b>	<b>150,939</b>	<b>166,250</b>	<b>267,595</b>	<b>152,000</b>
<b>Transfers from Other Funds</b>						
O3814051 Trans Fr Sewer R & O	32,331,460	35,951,450	37,784,630	38,809,140	38,809,090	53,889,930
<b>Transfers from Other Funds Total</b>	<b>32,331,460</b>	<b>35,951,450</b>	<b>37,784,630</b>	<b>38,809,140</b>	<b>38,809,090</b>	<b>53,889,930</b>
<b>Non-Operating Revenue</b>						
O3898351 Cap Con-Pvt-Swr Connectn	1,361,442	601,400	795,802	760,000	1,062,945	807,500
<b>Non-Operating Revenue Total</b>	<b>1,361,442</b>	<b>601,400</b>	<b>795,802</b>	<b>760,000</b>	<b>1,062,945</b>	<b>807,500</b>
<b>REPORT TOTAL</b>	<b>114,850,579</b>	<b>115,921,522</b>	<b>120,487,190</b>	<b>125,891,900</b>	<b>126,422,647</b>	<b>146,285,950</b>

Pinellas County  
**Standard Revenues by Center - Detail**  
Fund: FHWTR Water Funds  
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Title	FY17 Actual	FY18 Actual	FY19 Actual	FY20 Budget	FY20 Estimate	FY21 Total Request
<b>Intergovernmental Revenue</b>						
O3312002 Fed Grant-Public Safety-FEMA	0	0	0	219,330	118,351	0
<b>Intergovernmental Revenue Total</b>	0	0	0	219,330	118,351	0
<b>Charges for Services</b>						
O3433110 Water Sales-Retail	70,314,673	69,763,038	70,502,187	68,400,000	72,242,430	72,200,000
O3433120 Service Charges	777,443	887,715	985,245	902,500	993,551	997,500
O3433121 Water-Late Payment Fee	(3,192,855)	758,118	631,680	760,000	668,054	665,000
O3433122 Wholesale Water Meter SC	19,272	19,272	19,272	19,000	19,272	19,000
O3433123 Backflow Maint Fee - SAP	686,540	691,778	695,987	688,750	709,240	703,000
O3433124 Water Connection Fees-Interest	129	0	0	0	0	0
O3433130 Fireline Payments	190,609	194,541	197,410	190,000	205,298	199,500
O3433150 Contractual Billing Svc	397,266	402,602	399,758	399,000	410,680	408,500
O3433210 Wtr Sls-Whlse-Clearwater	7,593,320	6,947,940	6,341,022	5,890,000	5,941,975	5,985,000
O3433215 Wtr Sls-Whlse-Belleair	40	1,527	5,042	0	810	0
O3433220 Wtr Sls-Whlse-Tarpon Spgs	13,804	11,649	10,642	11,400	5,717	5,700
O3433230 Wtr Sls-Whlse-Safety Hrbr	2,250,130	2,164,639	2,053,415	2,090,000	1,569,957	1,710,000
O3433240 Wtr Sls-Whlse-Pinellas Pk	6,573,506	6,907,087	7,167,143	6,650,000	7,355,879	7,505,000
O3433260 Wtr Sls-Whlse-Dunedin	0	0	4	0	0	0
O3433270 Wtr Sls-Whlse-Oldsmar	16,910	12,827	7,729	11,870	2,577	4,750
O3433302 Water Conservation	496,312	462,909	430,523	475,000	462,415	475,000
O3433501 Wellhead Protection	625	625	375	610	300	570
O3433560 Overage & Shortage-water	33	14	0	0	0	0
O3490010 Chg For Sv-Bad Dbt Ex(DR)	(60,662)	(43,384)	37,696	0	0	0
<b>Charges for Services Total</b>	86,077,094	89,182,897	89,485,129	86,488,130	90,588,155	90,878,520
<b>Interest Earnings</b>						
O3611001 Interest On Investments	0	0	0	1,903,610	2,014,740	2,001,650
O3611210 Interest-Cash Pools	73,314	111,435	253,590	0	0	0
O3611700 Interest - LGIP & Public Funds Depository Accounts	130,633	335,905	456,400	0	0	0
O3611800 Interest-Securities	504,185	817,205	1,288,108	0	0	0
O3611991 Other Interest Earnings	55,884	86,656	125,902	12,060	9,985	9,500
O3613001 Net Inc/Dec In Fair Value	(174,775)	(326,041)	928,569	0	0	0
<b>Interest Earnings Total</b>	589,242	1,025,160	3,052,569	1,915,670	2,024,725	2,011,150
<b>Rents, Surplus and Refunds</b>						
O3621008 Rent-Bldg/Space	234,500	314,495	332,702	332,500	341,499	351,500
O3642200 Sale-Surplus County Land	0	605,800	450,000	0	0	0
O3644100 Sale- Surplus Equipment	387,868	181,182	128,765	99,750	15,923	99,750
O3644200 Ins Proceeds-Furn/Fxtr/Eq	58,969	34,702	29,118	9,970	12,621	9,970
O3650001 Sale-Forestry Operations	801,758	831,210	1,123,540	370,500	791,583	259,350
O3650002 Sale-Surplus Eq Under Cap	2,113	0	907	0	1,326	0
O3650003 Sale-Scrap	4,904	3,902	8,519	0	292	0
<b>Rents, Surplus and Refunds Total</b>	1,490,113	1,971,290	2,073,550	812,720	1,163,244	720,570
<b>Other Misc. Revenue</b>						
O3699213 ISI-CC Trans Rev-SAP	37,714	40,264	42,306	39,900	43,990	42,750
O3699311 Inter-Sales Tax Commissions	0	11	0	0	0	0
O3699350 Refund Of Prior Yrs Exp	(11,028)	484,806	(2,439)	0	0	0

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O3699990 Overage & Shortage	0	(25)	2	0	0	0
O3699991 Other Miscellaneous Revenue	56,607	67,065	52,809	19,950	24,888	28,500
<b>Other Misc. Revenue Total</b>	83,292	592,122	92,678	59,850	68,878	71,250
<b>Transfers from Other Funds</b>						
O3814031 Trans Fr Water R & O	21,867,380	18,330,060	25,993,310	14,397,940	14,397,940	32,070,890
O3814036 Trans Fr Water Impact Fee	300,000	150,000	0	0	0	0
<b>Transfers from Other Funds Total</b>	22,167,380	18,480,060	25,993,310	14,397,940	14,397,940	32,070,890
<b>Non-Operating Revenue</b>						
O3898331 Cap Con-Pvt-Wtr Back Flow	186,731	127,258	120,468	123,500	131,232	123,500
O3898332 Cap Con-Pvt-Wtr Connectn	450,511	410,180	424,109	427,500	428,747	427,500
O3898333 Cap Con -Pvt-Wtr Impact Fe	209,568	169,641	188,210	142,500	126,298	142,500
<b>Non-Operating Revenue Total</b>	846,810	707,079	732,787	693,500	686,277	693,500
<b>REPORT TOTAL</b>	111,253,931	111,958,608	121,430,023	104,587,140	109,047,570	126,445,880

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Pinellas County  
Fund Revenue & Expenditures Summary

Fund: FHWTR Water Funds

Program : Total Program

Version : Proposed Budget

	FY17 Actual	FY18 Actual	FY19 Actual	FY20 Budget	FY20 Estimate	FY21 Request	FY21 Adjusted
<b>RESOURCES</b>							
Beginning Fund Balance	69,038,159	76,870,927	91,706,633	91,120,790	102,319,320	99,692,720	99,692,720
<b>REVENUE</b>							
Intergovernmental Revenue	0	0	0	219,330	118,351	0	0
Charges for Services	86,077,094	89,182,897	89,485,129	86,488,130	90,588,155	95,661,600	90,878,520
Interest Earnings	589,242	1,025,160	3,052,569	1,915,670	2,024,725	2,117,000	2,011,150
Rents, Surplus and Refunds	1,490,113	1,971,290	2,073,550	812,720	1,163,244	758,500	720,570
Other Misc Revenue	83,292	592,122	92,678	59,850	68,878	75,000	71,250
Transfers from Other Funds	22,167,380	18,480,060	25,993,310	14,397,940	14,397,940	32,070,890	32,070,890
Non-Operating Revenue Sources	846,810	707,079	732,787	693,500	686,277	730,000	693,500
<b>TOTAL REVENUE</b>	<b>111,253,931</b>	<b>111,958,608</b>	<b>121,430,023</b>	<b>104,587,140</b>	<b>109,047,570</b>	<b>131,412,990</b>	<b>126,445,880</b>
<b>TOTAL REVENUES LESS TRANSFERS</b>	<b>89,086,551</b>	<b>93,478,548</b>	<b>95,436,713</b>	<b>90,189,200</b>	<b>94,649,630</b>	<b>99,342,100</b>	<b>94,374,990</b>
<b>TOTAL RESOURCES</b>	<b>180,292,090</b>	<b>188,829,535</b>	<b>213,136,656</b>	<b>195,707,930</b>	<b>211,366,890</b>	<b>231,105,710</b>	<b>226,138,600</b>
<b>REQUIREMENTS</b>							
<b>EXPENDITURES</b>							
Personal Services	12,610,876	13,454,423	14,070,627	17,391,290	16,627,041	17,640,474	17,640,860
Operating Expenses	52,664,751	55,445,897	58,734,359	62,477,820	60,631,399	60,156,461	60,157,040
Capital Outlay	15,971,632	9,713,727	11,932,067	25,701,330	19,845,784	22,539,855	22,539,860
Debt Service	6,524	28,795	86,973	177,100	172,000	150,000	150,000
Transfers to Other Funds	22,167,380	18,480,060	25,993,310	14,397,940	14,397,940	32,070,890	32,070,890
<b>TOTAL EXPENDITURES</b>	<b>103,421,163</b>	<b>97,122,902</b>	<b>110,817,336</b>	<b>120,145,480</b>	<b>111,674,164</b>	<b>132,557,680</b>	<b>132,558,650</b>
<b>TOTAL EXPENDITURES LESS TRANSFERS</b>	<b>81,253,783</b>	<b>78,642,842</b>	<b>84,824,026</b>	<b>105,747,540</b>	<b>97,276,224</b>	<b>100,486,790</b>	<b>100,487,760</b>
Reserves	0	0	0	75,562,450	0	93,579,950	93,579,950
<b>TOTAL REQUIREMENTS</b>	<b>103,421,163</b>	<b>97,122,902</b>	<b>110,817,336</b>	<b>195,707,930</b>	<b>111,674,164</b>	<b>226,137,630</b>	<b>226,138,600</b>
<b>REVENUES MINUS EXPENDITURES</b>	<b>7,832,768</b>	<b>14,835,706</b>	<b>10,612,687</b>	<b>(15,558,340)</b>	<b>(2,626,594)</b>	<b>(1,144,690)</b>	<b>(6,112,770)</b>
<b>RESOURCES MINUS REQUIREMENTS</b>	<b>76,870,927</b>	<b>91,706,633</b>	<b>102,319,320</b>	<b>0</b>	<b>99,692,726</b>	<b>4,968,080</b>	<b>0</b>

**SEWER FUNDS FORECAST**  
**Fund 4051, 4052, & 4053**

<b>FORECAST ASSUMPTIONS</b>	<b>FY21</b>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>FY25</b>	<b>FY26</b>
<b>REVENUES</b>						
Sewer Charges - Retail	9.7%	9.7%	9.7%	9.7%	3.2%	3.2%
Sewer Charges - Wholesale	9.7%	9.7%	9.7%	9.7%	3.2%	3.2%
Reclaimed - Retail	6.3%	5.9%	5.6%	5.0%	3.0%	3.0%
Reclaimed - Wholesale	6.3%	5.9%	5.6%	5.0%	3.0%	3.0%
Interest	2.3%	2.4%	2.5%	2.6%	2.6%	2.6%
Other revenues	2.2%	2.2%	2.2%	2.2%	2.2%	2.2%
<b>EXPENDITURES</b>						
Personal Services	3.2%	3.2%	3.2%	3.2%	3.2%	3.2%
Operating Expenses	2.2%	2.2%	2.2%	2.2%	2.2%	2.2%
Power	0.0%	2.2%	2.2%	2.2%	2.2%	2.2%
Chemicals	2.2%	2.2%	2.2%	2.2%	2.2%	2.2%
<b>PROJECTED ECONOMIC CONDITIONS/INDICATORS:</b>						
Consumer Price Index, % change	2.2%	2.2%	2.2%	2.2%	2.2%	2.2%
FL Per Capita Personal Income Growth	2.0%	1.7%	1.1%	0.9%	0.7%	0.7%

**SEWER FUNDS FORECAST**  
**Fund 4051, 4052, & 4053**

(in \$ thousands)			FORECAST						
	Actual FY19	Budget FY20	Estimated FY20	Estimated FY21	Estimated FY22	Estimated FY23	Estimated FY24	Estimated FY25	Estimated FY26
BEGINNING FUND BALANCE	69,580.3	52,411.9	69,908.7	52,650.8	29,121.6	11,992.8	2,656.6	870.2	14,318.9
REVENUES*									
Sewer Charges - Retail	62,232.5	67,488.0	66,115.2	70,860.5	77,741.1	85,289.7	93,571.3	96,575.0	99,675.0
Sewer Charges - Wholesale	9,879.0	8,982.4	10,800.4	10,687.5	11,725.3	12,863.8	14,112.9	14,565.9	15,033.4
Reclaimed - Retail	5,448.5	5,700.0	5,835.2	5,985.0	6,338.1	6,691.8	7,026.4	7,237.2	7,454.3
Reclaimed - Wholesale	366.3	361.5	537.3	508.3	538.2	568.3	596.7	614.6	633.0
Interest	1,519.2	1,428.3	1,292.9	1,333.3	698.9	299.8	69.1	22.6	372.3
Other Revenues	3,257.1	2,529.2	2,738.7	3,021.5	3,712.9	5,094.6	6,706.7	7,434.7	7,598.3
FEMA Reimbursement - IRMA	0.0	593.3	293.9	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL REVENUES	82,702.6	87,082.8	87,613.6	92,396.0	100,754.5	110,808.0	122,083.0	126,450.0	130,766.4
% vs prior year		5.3%	5.9%	5.5%	9.0%	10.0%	10.2%	3.6%	3.4%
TOTAL RESOURCES	152,282.8	139,494.6	157,522.2	145,046.8	129,876.1	122,800.7	124,739.6	127,320.2	145,085.3
EXPENDITURES									
Personal Services	17,405.4	19,437.4	18,894.4	20,594.9	21,249.5	21,925.2	22,622.9	23,343.3	24,087.1
Operating Expenses	14,159.4	20,487.6	15,923.7	16,718.9	17,086.8	17,462.7	17,846.8	18,239.5	18,640.7
Power	4,293.3	4,530.3	4,304.8	4,389.3	4,485.9	4,584.6	4,685.4	4,788.5	4,893.9
Chemicals	2,685.4	3,430.1	2,896.9	2,942.0	3,006.7	3,072.9	3,140.5	3,209.6	3,280.2
Hurricane Irma Expenses	185.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cost Allocation	7,074.2	7,059.1	7,059.1	7,218.3	7,377.1	7,539.4	7,705.2	7,874.7	8,048.0
Debt Service	14,635.9	14,641.5	14,641.5	14,623.8	14,973.4	14,934.9	14,903.2	14,995.2	14,995.2
Capital Equipment	2,878.2	3,114.0	2,647.0	1,865.2	2,174.8	2,174.8	2,174.8	2,174.8	2,174.8
Capital Improvements	19,056.7	39,745.5	38,504.0	47,572.8	47,529.2	48,449.8	50,790.4	38,375.6	15,305.3
TOTAL EXPENDITURES	82,374.1	112,445.4	104,871.5	115,925.2	117,883.3	120,144.2	123,869.3	113,001.3	91,425.3
% vs prior year		36.5%	27.3%	10.5%	1.7%	1.9%	3.1%	-8.8%	-19.1%
TOTAL ENDING FUND BALANCE	69,908.7	27,049.3	52,650.8	29,121.6	11,992.8	2,656.6	870.2	14,318.9	53,660.0
Ending balance as % of Revenue	84.5%	31.1%	60.1%	31.5%	11.9%	2.4%	0.7%	11.3%	41.0%
TOTAL REQUIREMENTS**	152,282.8	139,494.6	157,522.2	145,046.8	129,876.1	122,800.7	124,739.6	127,320.2	145,085.3
Debt Service Coverage	2.36	2.05	2.49	2.63	2.59	3.69	4.38	4.55	4.71
REVENUE minus EXPENDITURES (NOT cumulative)	328.4	(25,362.6)	(17,257.9)	(23,529.2)	(17,128.8)	(9,336.2)	(1,786.3)	13,448.7	39,341.1

Transfers between funds are excluded from revenues and expenditures.

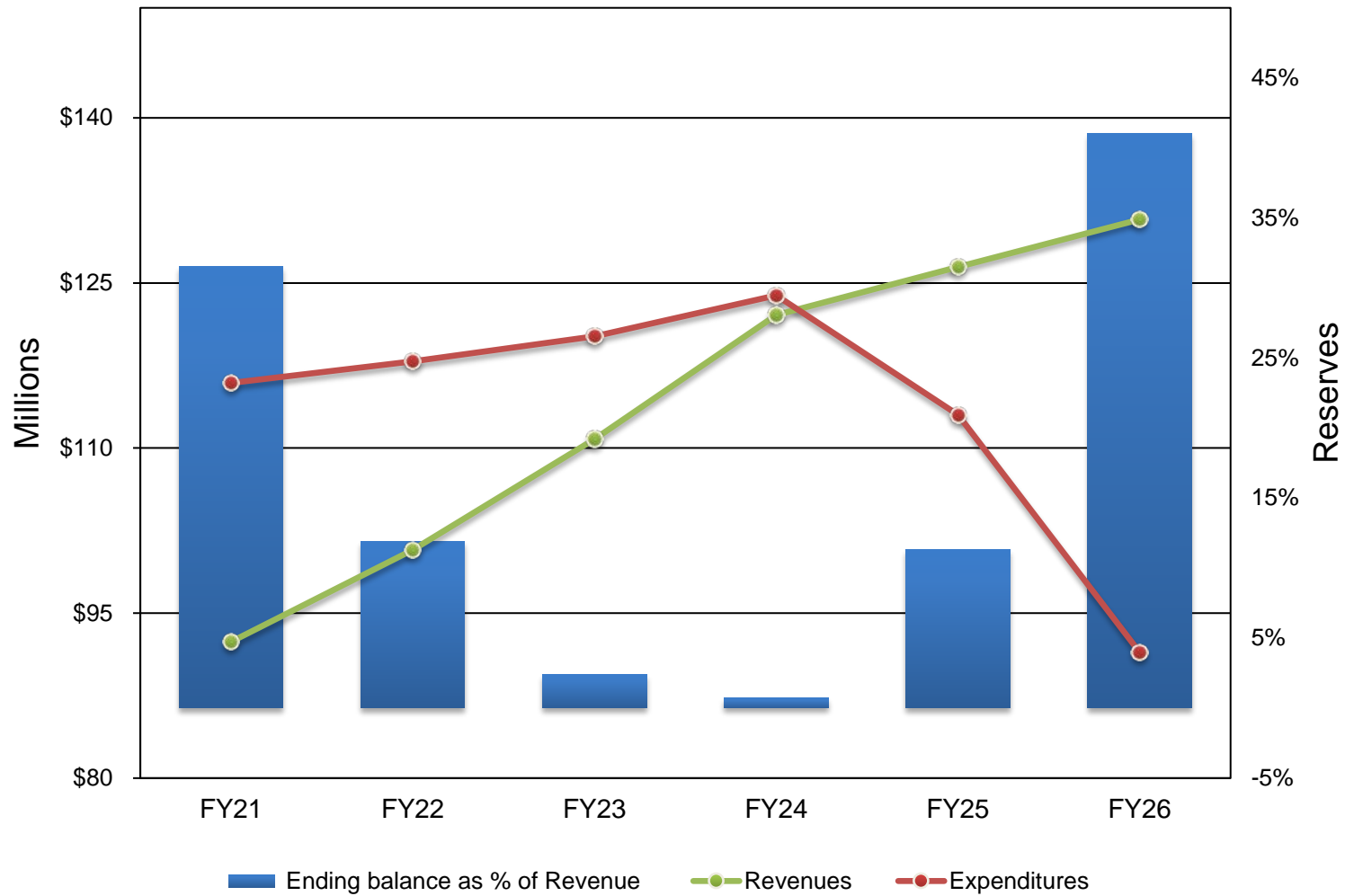
\*Revenues reflect the combined impact of changes in rate and/or levels of consumption.

\*\*Total Requirements do not include OPEB annual expense or OPEB cumulative liability as reflected in GAAP financial statements. These amounts are shown below.

OPEB annual expense	(455.4)	(455.4)	(455.4)	(455.4)	(455.4)	(455.4)	(455.4)	(455.4)	(455.4)
OPEB cumulative (long-term liability)	25,098.3	24,642.9	24,187.5	23,732.1	23,276.7	22,821.3	22,365.9	21,910.5	21,455.1



## Sewer Funds Forecast FY21 - FY26



**WATER FUNDS FORECAST**  
**Fund 4031, 4034, & 4036**

<b>FORECAST ASSUMPTIONS</b>	<b>FY21</b>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>FY25</b>	<b>FY26</b>
<b>REVENUES</b>						
Water Sales-Retail	1.2%	1.2%	1.2%	1.2%	1.2%	1.2%
Water Sales-Wholesale	1.2%	1.2%	1.2%	1.2%	1.2%	1.2%
Interest	2.3%	2.4%	2.5%	2.6%	2.6%	2.6%
Other revenues	2.2%	2.2%	2.2%	2.2%	2.2%	2.2%
<b>EXPENDITURES</b>						
Personal Services	3.2%	3.2%	3.2%	3.2%	3.2%	3.2%
Operating Expenses	2.2%	2.2%	2.2%	2.2%	2.2%	2.2%
Purchase of Water	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
Power	0.0%	2.2%	2.2%	2.2%	2.2%	2.2%
Chemicals	2.2%	2.2%	2.2%	2.2%	2.2%	2.2%
<b>PROJECTED ECONOMIC CONDITIONS/INDICATORS:</b>						
Consumer Price Index, % change	2.2%	2.2%	2.2%	2.2%	2.2%	2.2%
FL Per Capita Personal Income Growth	2.0%	1.7%	1.1%	0.9%	0.7%	0.7%

**WATER FUNDS FORECAST**  
**Fund 4031, 4034, & 4036**

(in \$ thousands)

(in \$ thousands)			FORECAST						
	Actual FY19	Budget FY20	Estimated FY20	Estimated FY21	Estimated FY22	Estimated FY23	Estimated FY24	Estimated FY25	Estimated FY26
BEGINNING FUND BALANCE	91,783.7	90,900.8	102,281.2	99,654.6	93,541.9	78,413.8	71,861.5	63,511.9	63,257.2
REVENUES*									
Water Sales - Retail	70,502.2	68,400.0	72,242.4	72,200.0	73,052.0	73,914.0	74,786.2	75,668.6	76,561.5
Water Sales - Wholesale	15,585.0	14,653.3	14,876.9	15,210.5	15,389.9	12,425.9	12,572.6	12,720.9	12,873.6
Interest	2,124.0	1,915.7	2,024.7	2,011.2	2,245.0	1,960.3	1,868.4	1,651.3	1,644.7
Other Revenues	7,225.5	5,000.9	5,387.2	4,953.4	5,062.4	5,173.7	5,287.6	5,403.9	5,522.8
FEMA Reimbursement - IRMA	0.0	219.3	118.4	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL REVENUES	95,436.7	90,189.2	94,649.6	94,375.0	95,749.3	93,474.0	94,514.7	95,444.7	96,602.5
% vs prior year		-5.5%	-0.8%	-0.3%	1.5%	-2.4%	1.1%	1.0%	1.2%
TOTAL RESOURCES	187,220.4	181,090.0	196,930.9	194,029.6	189,291.1	171,887.8	166,376.2	158,956.7	159,859.7
EXPENDITURES									
Personal Services	14,071.0	17,391.3	16,627.0	17,640.9	18,201.5	18,780.4	19,378.0	19,995.1	20,632.2
Operating Expenses	5,997.6	7,780.2	7,541.4	6,391.8	6,532.4	6,676.1	6,823.0	6,973.1	7,126.5
Purchase of Water	42,136.8	44,500.0	42,900.0	43,500.0	44,152.5	43,052.8	43,698.6	44,354.1	45,019.4
Power	857.6	908.0	900.9	900.9	920.7	941.0	961.7	982.8	1,004.5
Chemicals	751.0	793.5	793.0	793.0	810.4	828.3	846.5	865.1	884.2
Hurricane IRMA Expenses	28.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cost Allocation	9,077.7	8,496.1	8,496.1	8,571.4	8,759.9	8,952.6	9,149.6	9,350.9	9,556.6
Debt Service	87.0	177.1	172.0	150.0	153.3	156.7	160.1	163.6	167.2
Capital Equipment	1,725.0	2,150.9	2,021.9	300.9	1,138.0	1,138.0	1,138.0	1,138.0	1,138.0
Capital Improvements	10,207.0	23,550.5	17,823.9	22,239.0	30,208.4	19,500.4	20,708.8	11,876.8	13,525.0
TOTAL EXPENDITURES	84,939.2	105,747.5	97,276.2	100,487.8	110,877.3	100,026.3	102,864.3	95,699.5	99,053.6
% vs prior year		24.5%	14.5%	3.3%	10.3%	-9.8%	2.8%	-7.0%	3.5%
TOTAL ENDING FUND BALANCE	102,281.2	75,342.5	99,654.6	93,541.9	78,413.8	71,861.5	63,511.9	63,257.2	60,806.2
Ending balance as % of Revenue	107.2%	83.5%	105.3%	99.1%	81.9%	76.9%	67.2%	66.3%	62.9%
TOTAL REQUIREMENTS**	187,220.4	181,090.0	196,930.9	194,029.6	189,291.1	171,887.8	166,376.2	158,956.7	159,859.7
REVENUE minus EXPENDITURES (NOT cumulative)	10,497.5	(15,558.3)	(2,626.6)	(6,112.8)	(15,128.0)	(6,552.3)	(8,349.6)	(254.8)	(2,451.0)

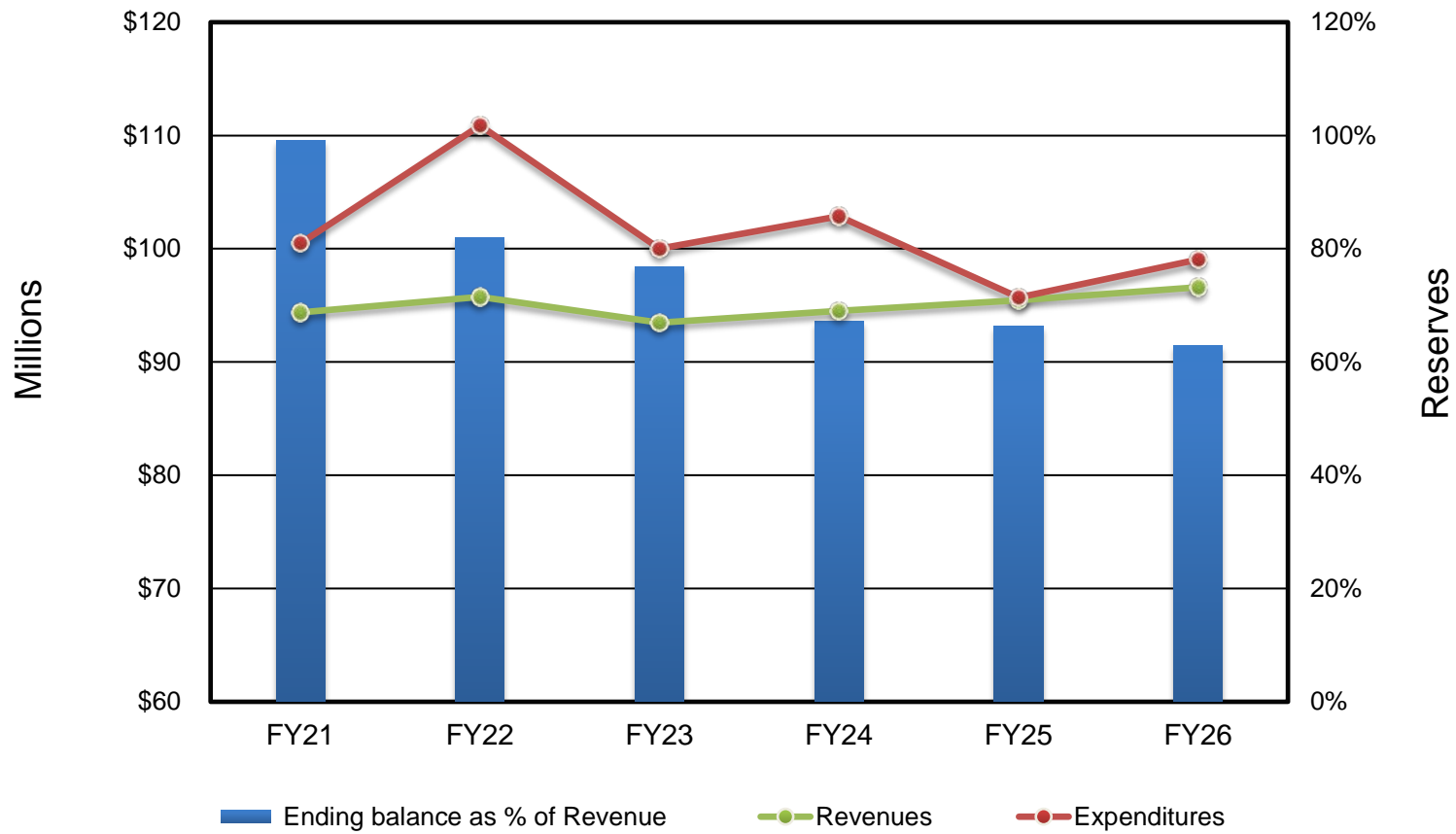
Transfers between funds are excluded from revenues and expenditures.

\*Revenues reflect the combined impact of projected changes in rates and/or levels of consumption.

\*\*Total Requirements do not include OPEB annual expense or OPEB cumulative liability as reflected in GAAP financial statements. These amounts are shown below.

OPEB annual expense	(147.0)	(147.0)	(147.0)	(147.0)	(147.0)	(147.0)	(147.0)	(147.0)	(147.0)
OPEB cumulative (long-term liability)	22,684.6	22,537.6	22,537.6	22,390.6	22,243.6	22,096.7	21,949.7	21,802.7	21,655.7

## Water Funds Forecast FY21 - FY26



## Sewer CIP

	FY20 Approved Budget		FY20 Estimate	FY21	FY22	FY23	FY24	FY25	FY26	Total
<b>South Cross Bayou Projects Total</b>	<b>5,568,000</b>	<b>-</b>	<b>8,437,500</b>	<b>17,540,600</b>	<b>9,794,600</b>	<b>15,828,200</b>	<b>18,608,400</b>	<b>8,700,000</b>	<b>500,000</b>	<b>79,409,300</b>
<b>002944A South Cross Bayou Grit Facility Improvements</b>	<b>3,741,300</b>		<b>5,619,000</b>	<b>14,070,000</b>	<b>6,451,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>26,140,000</b>
Upgrade, improve level of service and efficiency for removal of grit from wastewater.										
<b>000847A South Cross Bayou Wastewater Treatment Facility Upgrades and Replacement</b>	<b>500,000</b>		<b>1,400,000</b>	<b>525,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>4,425,000</b>
Annual program devoted to rehabilitating, upgrading, or installing new equipment at the South Cross Bayou Wastewater Treatment Facility.										
<b>002166A Centrifuge Upgrade</b>	<b>350,000</b>		<b>350,000</b>	<b>237,000</b>	<b>-</b>	<b>2,115,000</b>	<b>3,615,000</b>	<b>1,350,000</b>	<b>-</b>	<b>7,667,000</b>
Evaluate dewatering system and design and construct new upgraded system to replace the old equipment that has ended its useful lifecycle.										
<b>002937A South Cross Bayou Aeration Improvements</b>	<b>-</b>		<b>-</b>	<b>-</b>	<b>560,000</b>	<b>1,005,000</b>	<b>2,250,000</b>	<b>3,850,000</b>	<b>-</b>	<b>7,665,000</b>
Provide necessary improvements to the air header system. Improvements to include air flow meters, modulation valves and upgrade the micro air diffusers.										
<b>002938A South Cross Bayou Bio solids Process Train Improvements</b>	<b>27,500</b>		<b>27,500</b>	<b>156,600</b>	<b>282,600</b>	<b>3,131,200</b>	<b>3,037,400</b>	<b>-</b>	<b>-</b>	<b>6,635,300</b>
Provide necessary improvements to the bio solids process train to increase process productivity and capacity.										
<b>002941A South Cross Bayou High Service Pump Improvements</b>	<b>-</b>		<b>-</b>	<b>-</b>	<b>50,000</b>	<b>100,000</b>	<b>500,000</b>	<b>1,400,000</b>	<b>-</b>	<b>2,050,000</b>
New pumps for distribution needs at South Cross Bayou.										
<b>003407A South Cross Bayou Pavement Rehabilitation</b>	<b>-</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>750,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>750,000</b>
Milling and resurfacing of pavement at South Cross.										
<b>003408A South Cross Bayou Denitrification Filter Rehab</b>	<b>270,200</b>		<b>321,000</b>	<b>502,000</b>	<b>-</b>	<b>4,017,000</b>	<b>3,866,000</b>	<b>-</b>	<b>-</b>	<b>8,706,000</b>
Rehabilitate South Cross Bayou Denitrification filter to increase treatment.										
<b>003756A SCB Plant Lighting Upgrades</b>	<b>275,000</b>		<b>30,000</b>	<b>1,230,000</b>	<b>1,206,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,466,000</b>
Upgrade lighting system at County Wastewater Treatment facility. Upgrading lighting to LED technology realizes a significant energy savings. This project is also tied into safety of the County workforce.										
<b>002709A SCB Generator Building #1 Electrical Improvements</b>	<b>190,000</b>		<b>250,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>250,000</b>
Improvements to the electrical system in Generator Building #1. Existing electrical system is antiquated and past its useful service life.										
<b>004358A South Cross Bayou Digester Gas Flowmeter Installation</b>	<b>214,000</b>		<b>120,000</b>	<b>370,000</b>	<b>60,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>550,000</b>
Installation of individual flow meters in the digester gas lines including mechanical, electrical, Supervisory Control And Data Acquisition, and instrumentation work.										
<b>004359A South Cross Bayou North and South Train Primary Clarifier Improvements</b>	<b>-</b>		<b>-</b>	<b>-</b>	<b>135,000</b>	<b>510,000</b>	<b>1,020,000</b>	<b>-</b>	<b>-</b>	<b>1,665,000</b>
Hydrogen Sulfide has degraded the structural concrete and grating for both the North and South Train Primary Clarifiers.										
<b>003758A South Cross Bayou Influent Pump Station Improvements</b>	<b>-</b>		<b>-</b>	<b>-</b>	<b>200,000</b>	<b>200,000</b>	<b>1,300,000</b>	<b>1,300,000</b>	<b>-</b>	<b>3,000,000</b>
Improvements to the influent pump station, inclusive of pump replacement, variable frequency drive replacement, grinder removal, and wet well coatings.										
<b>003759A South Cross Bayou Operations and Control Building Improvements</b>	<b>-</b>		<b>-</b>	<b>150,000</b>	<b>150,000</b>	<b>1,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,300,000</b>
Expansion of the existing operations building.										
<b>004489A SCB Roofing replacements - Multiple Buildings</b>	<b>-</b>		<b>320,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>320,000</b>
Replacement of roofs at the Maintenance, EEC, Dechlorination and Generator Buildings at the South Cross Bayou Water Reclamation Facility.										
<b>004368A South Cross UV Disinfection System Replacement</b>	<b>-</b>		<b>-</b>	<b>300,000</b>	<b>200,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>-</b>	<b>-</b>	<b>5,500,000</b>
During the recent event, the Ultraviolet (UV) disinfection area was flooded, resulting in significant damage. This project will replace this system.										
<b>003766A SCB Force Main Sampling Skids</b>	<b>-</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20,000</b>	<b>300,000</b>	<b>-</b>	<b>320,000</b>
Design, build and install (2) identical portable skids that contain the necessary equipment to pull a 'real-time' sample from a sanitary sewer force main.										
<b>W.E. Dunn Wastewater Treatment Projects Total</b>	<b>3,400,000</b>	<b>-</b>	<b>3,430,000</b>	<b>5,450,000</b>	<b>11,455,000</b>	<b>8,251,000</b>	<b>13,770,000</b>	<b>9,864,000</b>	<b>600,000</b>	<b>52,820,000</b>
<b>000852A W.E. Dunn Wastewater Treatment Facility Upgrades and Repair and Replacement</b>	<b>800,000</b>		<b>515,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>3,515,000</b>
Annual program devoted to rehabilitating, upgrading, or installing new equipment at the W.E. Dunn Wastewater Treatment Facility.										
<b>003409A Dunn Electrical Upgrades</b>	<b>150,000</b>		<b>150,000</b>	<b>-</b>	<b>3,150,000</b>	<b>4,350,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,650,000</b>
New motor control centers and generators at the Dunn Facility.										
<b>003430A Dunn Sludge Press Upgrades</b>	<b>-</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>200,000</b>	<b>2,000,000</b>	<b>-</b>	<b>-</b>	<b>2,200,000</b>
Replace the existing sludge press at the Dunn Facility.										
<b>003431A Dunn Pond Liner and Reject Tank</b>	<b>-</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>	<b>450,000</b>	<b>-</b>	<b>-</b>	<b>500,000</b>

## Sewer CIP

	FY20 Approved Budget		FY20 Estimate	FY21	FY22	FY23	FT24	FY25	FY26	Total
Replace liner in both ponds (reclaimed storage and reject storage) and provide a new storage tank for reject water.										
003432A Dunn Odor Control System	-		-	-	-	-	-	-	100,000	100,000
Evaluate existing odor control system and provide new improved ability to maintain target odor removal.										
003433A Dunn Storage Building	-		375,000	-	-	-	-	-	-	375,000
Design and construct additional storage building to house and protect equipment.										
003438A Dunn Ditch Erosion	600,000		740,000	100,000	-	-	-	-	-	840,000
Design engineered ditch improvement to prevent ongoing erosion.										
003746A WED Grit Capture System Improvements	-		-	150,000	200,000	-	2,000,000	3,500,000	-	5,850,000
Make improvements to increase the grit collection from the wastewater flow at the WE Dunn Water Treatment facility.										
003747A WE Dunn Offsite Reclaim Pump Station Improvements	100,000		100,000	300,000	-	2,200,000	2,200,000	-	-	4,800,000
Full rehabilitation of the offsite reclaim pump station.										
003122B Dunn Filtration and Disinfection Improvements	1,500,000		1,300,000	3,500,000	6,600,000	-	-	-	-	11,400,000
Upgrade W.E. Dunn Water Reclamation Facility plant disinfection and filtration systems.										
003750A WE Dunn Internal Recycle Pump Station Rehabilitation	150,000		150,000	-	150,000	800,000	4,000,000	2,200,000	-	7,300,000
Modify the Internal recycle pump station to create better quality of treated wastewater.										
004361A WE Dunn Fall Protection Installation	-		-	-	-	101,000	895,000	531,000	-	1,527,000
Provide permanent fall protection systems at the WE Dunn wastewater treatment plant structures to allow plant staff safe access to work areas and tank structures.										
004362A WED Operations Building Modifications	-		-	-	-	50,000	175,000	238,000	-	463,000
This project will extend the laboratory and SCADA (Supervisory Control And Data Acquisition) rooms into the unused portion of the education portion of the building										
004365A Dunn Exploratory Well	100,000		100,000	900,000	855,000	-	1,550,000	2,895,000	-	6,300,000
Design and permit an Aquifer Storage Recovery system at the Dunn Plant.										
Wastewater Pump Station and Sewer Force Main Projects Total	24,411,300	-	21,219,700	19,279,000	17,265,300	15,544,300	10,429,000	12,760,300	10,760,300	107,257,900
002160A Pump Station 016/Park Blvd Force Main to South Cross Bayou Replacement	7,571,600		5,205,600	8,516,000	3,050,000	-	-	-	-	16,771,600
Install a parallel/redundant force main from Pump Station 016 to South Cross Bayou to replace Boca Ciega line or serve as a redundant line.										
000964A Sanitary Sewer Pump Station Rehabilitation & Improvements	2,000,000		2,531,000	2,374,000	2,110,300	2,110,300	2,115,000	2,110,300	2,110,300	15,461,200
Program devoted to rehabilitating or improving pump stations based on prioritized or emergency needs.										
001272C Sewer Repair FY19-21	415,000		110,000	-	-	-	-	-	-	110,000
Contractor for routine and emergency pipe repairs, installation, and replacements that are beyond the manpower and equipment capabilities of the General Maintenance Division.										
001814A Sanitary Sewer Manhole Rehab Project	500,000		-	-	-	500,000	500,000	500,000	500,000	2,000,000
Rehabilitation of manholes including infiltration grouting, manhole lining, rim and cover replacements.										
001814B Sanitary Sewer Manhole Rehabilitation FY17-FY19	225,000		362,100	-	-	-	-	-	-	362,100
Rehabilitation of manholes including infiltration grouting, manhole lining, rim and cover replacements.										
001933A Sanitary Sewer Cured In Place Pipe Lining	75,000		-	-	50,000	2,050,000	2,050,000	2,050,000	2,050,000	8,250,000
Annual program devoted to relining the sanitary sewer lines based on prioritized or emergency needs.										
001933C Annual Sewer Cured In Place Pipelining- Madeira beach, Gulfport, SE Lake Seminole, LS 075	-		400,000	-	-	-	-	-	-	400,000
Sewer rehab using cured-in-place pipelining for Madeira Beach, Gulfport, SE Lake Seminole and Lift Station 075.										
001933D Annual Sewer CIPP - Tarpon Springs, Palm Harbor, Curlew City	152,000		-	152,000	1,395,000	-	-	-	-	1,547,000
Rehabilitation of sewer lines using cured-in-place pipelining.										
001933E Annual Sewer CIPP - Bardmoor, Kenneth City	-		-	-	594,000	-	-	-	-	594,000
Rehabilitation of sewer lines using cured-in-place pipelining.										
001933F Annual Sewer CIPP - Belleair, Belleair Bluffs	71,000		10,000	-	1,089,000	-	-	-	-	1,099,000
Rehabilitation of gravity sewer mains using cured-in-place pipelining.										
001933G Annual Sewer CIPP - Ridgewood, Oakhurst, Belleair Beach, N. Lake Seminole	71,000		10,000	-	1,089,000	-	-	-	-	1,099,000
Rehabilitation of gravity sewer mains using cured-in-place pipelining.										
002747B Sewer Interceptor Rehabilitation- Bryan Dairy and 102nd Ave	138,000		425,000	-	-	-	-	-	-	425,000
Rehabilitation of sewer interceptor pipes and associated manholes.										
002747C Sewer Interceptor Rehabilitation 94th Ave to 86th Ave	505,500		1,800,000	500,000	-	-	-	-	-	2,300,000
Rehabilitation of sewer interceptor pipes and associated manholes at 94th Ave to 86th Ave.										
002747D Sewer Interceptor Rehabilitation from 86th Ave to Pump Station 069	787,800		-	-	-	-	-	-	-	-
Rehabilitation of sewer interceptor pipes and associated manholes from 86th Ave to Pump Station 069.										
002747E Sewer Interceptor Rehabilitation North Lake Seminole	700,400		570,000	-	-	-	-	-	-	570,000
Rehabilitation of sewer interceptor pipes and associated manholes at North Lake Seminole.										

## Sewer CIP

	FY20 Approved Budget	FY20 Estimate	FY21	FY22	FY23	FT24	FY25	FY26	Total
002747F Sanitary Sewer Interceptor Pipe Rehabilitation - Bee Pond Road	200,000	30,000	450,000	-	-	-	-	-	480,000
Rehabilitation of gravity sewer interceptor main pipes and manholes.									
002747G Sanitary Sewer Interceptor Pipe Rehabilitation - 109th St.	30,000	20,000	-	270,000	-	-	-	-	290,000
Rehabilitation of gravity sewer interceptor main pipes and manholes at 109th St.									
002747H Sanitary Sewer Interceptor Pipe Rehabilitation - 74th Ave	20,000	20,000	-	-	600,000	-	-	-	620,000
Rehabilitation of gravity sewer interceptor main pipes and manholes 74th Ave.									
002747I Sanitary Sewer Interceptor Pipe Rehabilitation - Lealman	30,000	20,000	-	270,000	-	-	-	-	290,000
Rehabilitation of gravity sewer interceptor main pipes and manholes Lealman.									
002747J Sanitary Sewer Interceptor Pipe Rehabilitation - Hamlin Blvd and 46th Ave	150,000	30,000	-	470,000	-	-	-	-	500,000
Rehabilitation of gravity sewer interceptor main pipes and manholes Hamlin Blvd and 46th Ave.									
002747K Sanitary Sewer Interceptor Pipe Rehabilitation - Seminole By-Pass Canal 10"	390,000	130,000	625,000	-	-	-	-	-	755,000
Rehabilitation of sewer interceptor main transversing under the Seminole By-Pass Canal									
002246C Annual Water/Reclaimed Water Pipeline Improvement and Emergency Contract	30,000	-	-	-	-	-	-	-	-
Annual Water/Reclaimed Water Pipeline Improvement and Emergency Contract									
002346B Indian Rocks Sewer CIPP - Phase 1	297,000	15,000	100,000	-	-	-	-	-	115,000
Rehabilitation of sewer lines using cured-in-place pipelining.									
002346C Indian Rocks Sewer CIPP - Phase 2	198,000	15,000	100,000	180,000	-	-	-	-	295,000
Rehabilitation of sewer lines using Cured-In-Place Pipelining.									
003123A Countywide Sewer Force Main Air Release Valve Replacement	500,000	-	500,000	500,000	500,000	500,000	-	-	2,000,000
Replacement of sewer forcemain air release valves.									
003123I Omaha Street Air Release Valves	-	-	65,000	185,000	-	-	-	-	250,000
New air release valves at Omaha Street.									
003123J ARV Hamlin Road and Nearby Design	120,000	100,000	555,000	-	-	-	-	-	655,000
New air release valves near existing assets' current locations built to new standards.									
003123L ARV Highland Ave	535,600	570,000	324,000	-	-	-	-	-	894,000
New air release valves near existing assets' current locations build to new standards on Highland Ave.									
003123M ARV Replacement - 54th Ave	611,000	126,000	749,000	-	-	-	-	-	875,000
Project will install new Air Release Valve assemblies.									
003124A Pump Station No. 190 Upgrades and Force Main Improvements	1,875,000	1,800,000	-	-	-	-	-	-	1,800,000
To upgrade Pump Station No. 190 and the associated force main system that serves the whole City of Indian Rocks Beach.									
002791C PS119 Basin Repairs	-	330,000	-	-	-	-	-	-	330,000
PS119 Basin Repairs									
002942A Pump Station 016 Odor Control Improvements	550,000	550,000	-	-	-	-	-	-	550,000
Upgrade and improve level of service of air quality for surrounding area.									
002992B Pump Station 122 Collection System and Bulkhead Wall Improvement	100,000	50,000	-	-	-	-	-	-	50,000
Pump Station 122 collection system and bulkhead wall improvement at Joe's Creek.									
003142A Pump Station No. 357 Upgrades and Force Main Improvements	449,000	450,000	-	-	-	-	-	-	450,000
To Upgrade Pump Station No. 357 and its Forcemain System that serves the whole City of Indian Rocks Beach									
003147A Pinellas Park Interceptor Collection System Improvements	-	-	200,000	500,000	-	-	4,000,000	3,000,000	7,700,000
Replace the existing 42 inch interceptor at 54 inch interceptor at 62nd Ave.									
003204H Sanitary Sewer Overflow Abatement CIP	200,000	-	-	-	-	-	-	-	-
Abatement of localized sanitary sewer overflow events.									
003204I Ridgewood Sewer Improvements	400,000	30,000	-	-	1,150,000	-	-	-	1,180,000
Replacement of gravity sewer mains to remove flow capacity restrictions and reduce sanitary sewer overflows at 82nd Ave.									
003204J SSO Abatement - 62nd St Sewer capacity Improvement	200,000	200,000	-	-	-	-	-	-	200,000
Replacement of gravity sewer mains to remove flow capacity restrictions and reduce sanitary sewer overflows at 62nd Street.									
003205A Pump Station 079 Improvements (North Redington Beach)	1,400,000	62,000	769,000	2,351,000	-	-	-	-	3,182,000
A new pump station will be designed and constructed to better facilitate flows from Redington Shores and North Redington Beach to the collection system.									
003206A Pump Station 018 Improvements (Seminole)	140,000	260,000	-	-	-	-	-	-	260,000
A new pump station and force main will be designed and constructed to better facilitate flows to the collection system in Seminole.									
003210H Forcemain and ARV Replacement - Klosterman Road and Disston	1,073,400	3,000,000	-	-	-	-	-	-	3,000,000
Project is the replacement of sections of 30" ductile iron sewer force main pipe that is found to be near failing. Project will also install new air release valve assemblies									
003239A Pump Station and Collection System Odor Control Equipment	-	405,000	200,000	450,000	300,000	350,000	100,000	100,000	1,905,000
Design and install of new sewer system pump stations and collection system odor control equipment.									

### Sewer CIP

	FY20 Approved Budget		FY20 Estimate	FY21	FY22	FY23	FT24	FY25	FY26	Total
003605A Gravity Sewer Ductal Iron Pipe Rehab Program throughout the County	400,000		-	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Gravity sewer ductal iron pipe rehab program throughout the County.										
003605B Gravity Sewer Ductile Iron Pipe Rehabilitation Lansbrook	300,000		500,000	-	-	-	-	-	-	500,000
Rehabilitate existing gravity sewer ductile iron pipe (DIP) lines in Lansbrook.										
003760A Force Main Capacity Improvements - East Lake Road	-		-	300,000	300,000	1,000,000	1,000,000	2,000,000	2,500,000	7,100,000
Proposed construction of approximately 3.6 miles of new 14" forcemain pipe along East Lake Road.										
003761A Force Main Capacity Improvements - Highland Lakes FM	-		-	150,000	-	4,000,000	2,000,000	1,500,000	-	7,650,000
Proposed construction of approximately 4.3 miles of new 24" forcemain near and through the Highland Lakes community area.										
003762A Pump Stations Generator Improvements	1,000,000		200,000	1,050,000	1,050,000	1,800,000	-	-	-	4,100,000
Provide back-up capability of County pump stations to pump sewer water.										
004360A Pump Station 016 Improvements	-		-	-	262,000	1,034,000	1,414,000	-	-	2,710,000
Remove and replace electrical gear inclusive of Variable Frequency Drives, Motor Control Center, Generator, Programmable Logic Controllers, Supervisory Control and Data Acquisition as well as pertinent instrumentation and controls.										
004369A 31st Street Sewer Line in Lealman Area	-		243,000	100,000	-	-	-	-	-	343,000
Create a public sewer line along 31st Street to support the properties along the corridor and failed and unpermitted clay laterals traverse private properties prohibiting corrective actions.										
004469A 7191 71st St N Gravity Main Emergency Replacement	-		640,000	-	-	-	-	-	-	640,000
Replace the 10 inch gravity sewer main from sewer manhole.										
004495A 72nd Terrace Gravity Sewer and 72nd Avenue Gravity Interceptor Upgrade	-		-	1,000,000	600,000	-	-	-	-	1,600,000
To replace the existing undersized 18 inch bottleneck sewer interceptor with a 24 inch or 30 inch sewer interceptor. Replace sewer gravity manholes and upgrade 6 inch gravity sewer to an 8 inch gravity sewer.										
Reclaimed Meter Project	600,000	-	18,000	100,000	2,820,000	2,820,000	2,820,000	-	-	8,578,000
003769A Reclaimed Water Meters	600,000		18,000	100,000	2,820,000	2,820,000	2,820,000	-	-	8,578,000
Purchase of reclaimed water meters.										
Relocation Projects Total	2,787,500	-	3,229,000	2,341,500	1,406,500	222,500	261,250	1,856,250	3,200,000	12,517,000
000183C Pinellas Trail & 54th Avenue North Utility Relocation for Drainage Improvements	100,000		350,000	-	-	-	-	-	-	350,000
Relocation of County Utilities Force Mains and reclaimed water transmission due to the Public Works Drainage Improvements at Pinellas Trail & 54th Ave										
000700B Westwinds Dr. Bridge Replacement	75,000		129,000	-	-	-	-	-	-	129,000
The relocation of a water line and force main in conjunction with the Westwinds Bridge replacement project.										
000702B Crosswinds Dr. Bridge Replacement	120,000		70,000	-	-	-	-	-	-	70,000
The relocation of a water main and gravity sewer in conjunction with the Oakwood Bridge replacement project.										
000831A Water, Sewer and Reclaimed Water Relocation Projects	100,000		100,000	100,000	100,000	100,000	100,000	100,000	100,000	700,000
Annual funding devoted to relocating water, sanitary sewer and/or reclaimed water lines due to Pinellas County Stormwater & Transportation related construction or modifications. Includes Pinellas County and municipal work.										
000791A FDOT Relocation Projects Miscellaneous	100,000		100,000	100,000	100,000	100,000	100,000	100,000	100,000	700,000
Annual funding devoted to relocating water, sanitary sewer and/or reclaimed water lines due to Florida Department of Transportation (FDOT) related road construction or modifications.										
001022B 102nd Avenue and Antilles Dr. Relocations	95,000		5,000	-	-	-	-	-	-	5,000
The project involves relocating a section of water main in conjunction with intersection and minor drainage improvements at 102nd Ave and Antilles Dr. It also includes manhole rim and cover adjustments.										
001035B Oakwood Dr. Bridge Replacement Utility Relocations	-		-	-	49,000	-	-	-	-	49,000
The relocation of water and force mains in conjunction with the Oakwood Bridge replacement improvements.										
001177C Utility Relocation Lakeshore Estates Roadway and Drainage Improvements from Freshwater Dr. to Cypress	247,500		130,000	-	-	-	-	-	-	130,000
The project involves adjustments of water lines and the reconstruction of sanitary sewer lines to accommodate roadway and drainage improvements in Lakeshore Estate.										
001177D Lakeshore Estates Road and Drainage Improvements Phase II Utilities Relocations	-		91,000	273,000	-	-	-	-	-	364,000
Replace existing cast iron water and sewer force mains within project area limits.										
001280B High Bluff Utility Relocation for Drainage Improvements	5,000		-	50,000	-	-	-	-	-	50,000
The relocation and improvements to the water lines and realigning of gravity sewer in conjunction with the High Bluff Drainage improvements.										



## Sewer CIP

	FY20 Approved Budget		FY20 Estimate	FY21	FY22	FY23	FY24	FY25	FY26	Total
<b>001817B Crystal Beach Water, Sewer and Reclaim Water Relocations Along Grace St., Seafford Ave., Disston St. and Florida Blvd.</b>	<b>350,000</b>		<b>225,000</b>	-	-	-	-	-	-	<b>225,000</b>
Water, sewer, and reclaim water relocations, improvements and adjustments as needed to facilitate the construction of a Public Works roadway and drainage improvements.										
<b>002232B Indian Rocks Road Sidewalk Improvements Phase 2B From Church Creek to 8th Avenue SW - Utilities Relocations</b>	<b>35,000</b>		-	-	-	-	-	-	-	-
The relocation of water mains and adjustments to sewer in conjunction with the Indian Rocks Road Sidewalk Phase 2B and minor drainage improvements.										
<b>003320C Ridge Rd. Water &amp; Sewer Relocations and Adjustments</b>	-		<b>39,000</b>	-	-	-	-	-	-	<b>39,000</b>
Relocation & adjustment of water mains/Replacement of VC sewer with PVC in association with PW proposed storm water improvement locations.										
<b>003748A Gulf Blvd. Relocations @ the Narrows</b>	<b>1,500,000</b>		<b>1,500,000</b>	-	-	-	-	-	-	<b>1,500,000</b>
Utility Work by Contractor Agreement for the relocation of water, sewer and reclaimed water lines in conjunction with the FDOT's additional drainage improvements along the Gulf Blvd. Narrows										
<b>003128B Indian Rocks Road Sidewalk Improvements Phase 2A From Wilcox Road to Church Creek - Utilities Relocations</b>	<b>5,000</b>		-	-	-	-	-	-	-	-
The relocation of water mains in conjunction with the Indian Rocks Road Sidewalk Phase 2A and minor drainage improvements.										
<b>004463A Crystal Island Utility Relocations</b>	-		<b>310,000</b>	<b>510,000</b>	-	-	-	-	-	<b>820,000</b>
Interlocal agreement for the relocation and replacement of water lines, sewer lines, reclaimed water lines, force mains, services, laterals, fire hydrants and AMR water meters as a result of the City of Madeira Beach road improvement projects.										
<b>004354A Pinellas Trail Loop North Segment Utility Relocations</b>	<b>55,000</b>		<b>125,000</b>	-	-	-	-	-	-	<b>125,000</b>
Relocation and adjustments to water, sewer and reclaim water infrastructure in association with construction of Pinellas County Trail Loop N. Segment. Zones A, B & C.										
<b>New Project Request- Marlin Drive Utility Relocation - City of Belleair Bluffs</b>	-		<b>5,000</b>	<b>251,000</b>	<b>10,000</b>					<b>266,000</b>
The City of Belleair Bluffs has a roadway and drainage improvement project at Marlin Drive from Belmar to . Existing water and sewer lines are in conflict with the City's proposed improvements and must be moved.										
<b>New Project Request - Starkey Road Utility Relocation Flame Vine to Bryan Dairy</b>	-		<b>50,000</b>	<b>1,050,000</b>	<b>1,125,000</b>					<b>2,225,000</b>
Pinellas County Public Works Department has a roadway and drainage improvement project along Starkey Road from Flame Vine Road to Bryan Dairy Road (Approximately 1.50 miles of proposed improvements). The existing water, sewer and reclaimed water transmission and distribution mains are in conflict with the Public Works proposed improvements and must be move and replace to avoid conflict to the proposed roadway and drainage improvement project. The pipe sizes of our utilities that needs to be replace and relocated ranges from 2" to 36".										
<b>New Project Request - US 19 from Timberlane Rd. to Lake St.</b>	-			<b>2,500</b>	<b>7,500</b>	<b>7,500</b>	<b>3,750</b>	<b>26,250</b>	<b>750,000</b>	<b>797,500</b>
The relocation of water, sewer and reclaimed water lines to facilitate the FDOT's roadway improvements along US 19 from Timberlane Rd. to Lake St.										
<b>New Project Request - US 19 from Nebraska Av to Timberlane Rd</b>	-			<b>2,500</b>	<b>7,500</b>	<b>7,500</b>	<b>28,750</b>	<b>877,500</b>	<b>1,250,000</b>	<b>2,173,750</b>
The relocation of water, sewer and reclaimed water lines to facilitate the FDOT's roadway improvements along US 19 from Nebraska A. to Timberline Rd										
<b>New Project Request - FDOT US19 From CR 95 to Pine Ridge Way S</b>	-			<b>2,500</b>	<b>7,500</b>	<b>7,500</b>	<b>28,750</b>	<b>752,500</b>	<b>1,000,000</b>	<b>1,798,750</b>
The relocation of water, sewer and reclaimed water lines to facilitate the FDOT's roadway improvements along US 19 from County Road 95 to Pine Ridge Way S.										
<b>Reclaimed Water Projects Total</b>	<b>1,100,000</b>	-	<b>1,100,000</b>	<b>1,250,000</b>	<b>1,300,000</b>	<b>2,600,000</b>	<b>4,450,000</b>	<b>4,950,000</b>	-	<b>15,650,000</b>
<b>002936B Corey Causeway Bridge 20 Inch Reclaimed Water Main Replacement</b>	<b>350,000</b>		<b>700,000</b>	-	-	-	-	-	-	<b>700,000</b>
Corey Causeway Bridge 20 inch reclaimed water repair										
<b>004363A Chesnut Park Managed Aquifer Recharge Project</b>	<b>100,000</b>		<b>100,000</b>	<b>1,100,000</b>	<b>1,150,000</b>	<b>1,700,000</b>	<b>1,450,000</b>	-	-	<b>5,500,000</b>
The project will utilize and refurbish the existing ASR injection well and the associated network of groundwater monitoring wells										
<b>004364A Chesnut Park Aquifer Storage and Recovery System Project</b>	<b>100,000</b>		<b>100,000</b>	<b>150,000</b>	<b>150,000</b>	<b>900,000</b>	<b>3,000,000</b>	<b>4,950,000</b>	-	<b>9,250,000</b>
The project will capture excess surface water that is currently being discharged to upper Tampa Bay from the Lake Tarpon outfall and utilize that surface water to recharge the Avon Park formation below the East Lake Well Field.										
<b>003207A McKay Creek Reclaimed Water Pump Station Tank Improvement</b>	<b>550,000</b>		<b>200,000</b>	-	-	-	-	-	-	<b>200,000</b>
Replace and upgrade influent tank filling valves and appurtenances to have better control of filling the reclaimed water tank.										
<b>SCADA and Facilities CIP Projects</b>	<b>1,878,650</b>	-	<b>1,069,800</b>	<b>1,611,700</b>	<b>3,487,750</b>	<b>3,183,750</b>	<b>451,700</b>	<b>245,000</b>	<b>245,000</b>	<b>10,294,700</b>

## Sewer CIP

	FY20 Approved Budget	FY20 Estimate	FY21	FY22	FY23	FY24	FY25	FY26	Total
<b>001057A General Upgrades to Supervisory Control and Data Acquisition (SCADA)</b>	600,000	501,000	557,000	425,000	425,000	170,000	125,000	125,000	2,328,000
Annual program to upgrade technology and equipment in support of the utility SCADA system.									
<b>002149A Logan Laboratory Improvements</b>	112,350	97,100	47,600	799,750	638,750	161,700	-	-	1,744,900
Hurricane-hardened Water & Sewer System Monitoring & Administration Building to replace the aging facility currently sharing the Logan Pump Station building.									
<b>003763A Utilities Facilities Security</b>	120,000	160,000	120,000	120,000	120,000	120,000	120,000	120,000	880,000
Security systems including cameras, gates, fences, locking mechanisms, etc.									
<b>003765A Quantum and Unity Upgrade</b>	9,600	9,600	268,000	1,543,000	2,000,000	-	-	-	3,820,600
Upgrade all Quantum Primary Logic controllers utility wide and have them run off of Unity software.									
<b>New Project Request - Building Hardening - General Maintenance Building South</b>	-	2,100	175,000	350,000					527,100
Upgrades shall be performed on the building to increase this load carrying capacity. Upgrades to include (but not limited to) adding window and storefront shutters, new hurricane resistance windows, securing roof trusses to the building walls and re-securing the buildings decking below the standing seam roof.									
<b>000744A Miscellaneous Improvements</b>	1,036,700	300,000	444,100	250,000	-	-	-	-	994,100
Annual program devoted to rehabilitating or upgrading Utility owned buildings or structures as prioritized or needed.									
<b>Total Sewer</b>	<b>39,745,450</b>	<b>38,504,000</b>	<b>47,572,800</b>	<b>47,529,150</b>	<b>48,449,750</b>	<b>50,790,350</b>	<b>38,375,550</b>	<b>15,305,300</b>	<b>286,526,900</b>

### Water CIP

	FY20 Approved Budget	FY20 Estimate	FY21	FY22	FY23	FT24	FY25	FY26	Total
Keller Project Total	252,000	150,000	540,000	882,000	-	-	-	-	1,572,000
004355A S. K. Keller Polyphosphate Building Process Upgrades	252,000	150,000	540,000	882,000	-	-	-	-	1,572,000
This project will involve an entire retrofit and rehabilitation of the Polyphosphate Building located at the S.K. Keller Water Plant									
Meter Project Total	6,500,000	655,000	500,000	12,846,700	12,846,700	12,846,700	-	-	39,695,100
001601A Water Meter Replacement	6,500,000	655,000	500,000	12,846,700	12,846,700	12,846,700	-	-	39,695,100
Water Meter Replacement.									
Water Pump Stations and Potable Water Projects Total	4,748,000	5,595,000	2,960,000	3,112,000	2,500,000	4,400,000	3,000,000	3,000,000	24,567,000
002150A Gulf Beach Pump Station Upgrades	-	-	-	300,000	500,000	2,400,000	-	-	3,200,000
Design and construction of an update of the facility including new pumping equipment and controls to meet future water system needs.									
002151A Capri Isle Pump Station Upgrades	3,450,000	4,670,000	1,600,000	-	-	-	-	-	6,270,000
Design and construction of an update of the facility including new pumping equipment and controls to meet future									
001525A Future Supply & Treatment Projects	-	-	-	-	2,000,000	2,000,000	3,000,000	3,000,000	10,000,000
Future improvements to water supply and treatment									
003226A McMullen Booth and SR580 Water Main Improvements	330,000	115,000	-	-	-	-	-	-	115,000
Provide design and construction for water main.									
003764A Water Ground Storage Tank Rehabilitation	300,000	300,000	300,000	300,000	-	-	-	-	900,000
Rehabilitation of 8-Water Ground Storage Tanks within the Pinellas County Utilities Water System. 2 - Rehabilitations will be done per year over 4 years.									
003768A Potable Water Meter Vault Rehabilitation	150,000	150,000	300,000	300,000	-	-	-	-	750,000
There is a total of 20 underground vaults in the water system. Inside these vaults are Pipelines, Ladders Flow meters that need to be rehabilitated									
004356A North Water Booster Station Variable Frequency Drive Modifications	268,000	100,000	760,000	2,212,000	-	-	-	-	3,072,000
Removal and replacement of existing medium voltage variable frequency drives, soft starts, instrumentation and control with associated Supervisory Control and Data Acquisition modifications.									
002246C Annual Water/Reclaimed Water Pipeline Improvement and Emergency Contract	250,000	-	-	-	-	-	-	-	260,000
Annual Water/Reclaimed Water Pipeline Improvement and Emergency Contract									
003770A Belcher Road 12" Water Main from Innisbrook Drive to Glen Eagles	-	260,000	-	-	-	-	-	-	260,000
Construct approximately 800 feet of 12" PVC water main along Belcher Road from Innisbrook Drive to Glen Eagles Parkway.									
Relocation Projects Total	10,671,400	10,174,200	16,889,700	10,932,500	2,667,500	2,783,800	8,568,750	10,225,000	62,241,450
000700B Westwinds Dr. Bridge Replacement	35,000	119,000	-	-	-	-	-	-	119,000
The relocation of a water line and force main in conjunction with the Westwinds Bridge replacement project.									
000702B Crosswinds Dr. Bridge Replacement	40,000	136,000	-	-	-	-	-	-	136,000
The relocation of a water main and gravity sewer in conjunction with the Oakwood Bridge replacement project.									
000791A FDOT Relocation Projects Miscellaneous	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	700,000
Annual funding devoted to relocating water, sanitary sewer and/or reclaimed water lines due to Florida Department of Transportation (FDOT) related road construction or modifications.									
000831A Water, Sewer and Reclaimed Water Relocation Projects	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,500,000
Annual funding devoted to relocating water, sanitary sewer and/or reclaimed water lines due to Pinellas County Stormwater & Transportation related construction or modifications. Includes Pinellas County and municipal work.									
001022B 102nd Avenue and Antilles Dr. Relocations	-	58,800	-	-	-	-	-	-	58,800
The project involves relocating a section of water main in conjunction with intersection and minor drainage improvements at 102nd Ave and Antilles Dr. It also includes manhole rim and cover adjustments.									



Water CIP

<b>004450A Dolphin Drive Utility Relocation for City of Belleair Bluffs Roadway Improvements</b>	-	150,000	120,000	-	-	-	-	-	270,000
The City of Belleair Bluffs has a roadway and drainage improvement project at Dolphin Drive. Existing water and sewer lines are in conflict with the City's proposed improvements and must be moved.									
<b>004463A Crystal Island Utility Relocations</b>	-	725,000	1,025,000	-	-	-	-	-	1,750,000
Interlocal agreement for the relocation and replacement of water lines, sewer lines, reclaimed water lines, force mains, services, laterals, fire hydrants and AMR water meters as a result of the City of Madeira Beach road improvement projects.									
<b>004474A Ridge Rd. Water &amp; Sewer Utility Relocations/Adjustments</b>	-	52,000	-	-	-	-	-	-	52,000
Relocation & adjustment of water mains/Replacement of VC sewer with PVC in association with PW proposed storm water improvement locations.									
<b>003562A Myrtle Ave Water Main Replacement</b>	141,000	-	148,000	-	-	-	-	-	148,000
Joint Project Agreement with the City of Clearwater for utility work associated with the South Myrtle Avenue Drainage Improvement Project									
<b>004071A Rosery Road Phase I Water Main Relocation from Pinellas Trail to Missouri Avenue</b>	1,675,000	1,600,000	1,055,000	-	-	-	-	-	2,655,000
Interlocal agreement with the City of Largo to relocate water main owned by Pinellas County that are in conflict with the City of Largo's proposed road and drainage improvement projects.									
<b>004353A Replacement of the 10 Inch Water Main Subaqueous Crossing along 27th Ave and N. Tessier Drive</b>	200,000	100,000	1,150,000	-	-	-	-	-	1,250,000
Replacement of the old existing 10 inch cast iron water main subaqueous crossing along 27th Ave and N. Tessier Drive. The existing 10" water main is very old, deteriorating and exposed to harsh saltwater environment.									
<b>004017A Water Main Improvements at Alt. U.S. 19 to Omaha St., Delaware Ave. to Nebraska Ave</b>	840,000	575,000	1,225,000	-	-	-	-	-	1,800,000
Pinellas County proposes to replace eight to ten blocks of residential water mains in the area of New York Ave and Alt19.									
<b>003748A Gulf Blvd. Relocations @ the Narrows</b>	3,945,400	3,945,400	-	-	-	-	-	-	3,945,400
Utility Work by Contractor Agreement for the relocation of water, sewer and reclaimed water lines in conjunction with the FDOT's additional drainage improvements along the Gulf Blvd. Narrows									
<b>New Project Request- Marlin Drive Utility Relocation - City of Belleair Bluffs</b>		30,000	309,000	90,000					429,000
The City of Belleair Bluffs has a roadway and drainage improvement project at Marlin Drive from Belmar to . Existing water and sewer lines are in conflict with the City's proposed improvements and must be moved.									
<b>New Project Request - Starkey Road Utility Relocation Flame Vine to Bryan Dairy</b>		150,000	3,150,000	3,375,000					6,675,000
Pinellas County Public Works Department has a roadway and drainage improvement project along Starkey Road from Flame Vine Road to Bryan Dairy Road (Approximately 1.50 miles of proposed improvements). The existing water, sewer and reclaimed water transmission and distribution mains are in conflict with the Public Works proposed improvements and must be move and replace to avoid conflict to the proposed roadway and drainage improvement project. The pipe sizes of our utilities that needs to be replace and relocated ranges from 2" to 36".									
<b>New Project Request - Pass A Grille Way 9th Ave to 22nd Ave Utility Relocation</b>		150,000	1,450,000	400,000					2,000,000
The City of St. Peach Beach is at one of the dead end networks in Pinellas County's (COUNTY) water supply system. There are numerous dead end distribution lines located in the side street alleyways. Several pipes are made of old and deteriorated cast iron that has passed its useful life. The objective of this project is to replace the majority of the distribution system pipe in the Pass-A-Grille Way and Gulf Way from 9th Avenue to 22nd Avenue. The project will include relocating the pipe to the main streets, replace the cast iron pipe, galvanized pipes, new service lines, new Automatic Meter Readers (AMR), additional fire hydrants for public safety and install a new 6-inch stub out line for beach showers along Gulf Way.									
<b>New Project Request - US 19 from Timberlane Rd. to Lake St.</b>			7,500	22,500	22,500	11,250	78,750	2,250,000	2,392,500
The relocation of water, sewer and reclaimed water lines to facilitate the FDOT's roadway improvements along US 19									
<b>New Project Request - US 19 from Nebraska Av to Timberlane Rd</b>			7,500	22,500	22,500	86,250	2,632,500	1,375,000	4,146,250
The relocation of water, sewer and reclaimed water lines to facilitate the FDOT's roadway improvements along US 19 from Nebraska A. to Timberline Rd									
<b>New Project Request - FDOT US19 From CR 95 to Pine Ridge Way S</b>			7,500	22,500	22,500	86,300	2,257,500	3,000,000	5,396,300
The relocation of water, sewer and reclaimed water lines to facilitate the FDOT's roadway improvements along US 19 from County Road 95 to Pine Ridge Way S.									
<b>SCADA and Facilities CIP Projects</b>	1,379,050	1,249,700	1,349,300	2,435,250	1,486,250	678,300	308,000	300,000	7,806,800
<b>000744A Miscellaneous Improvements</b>	617,400	607,500	420,400	-	-	-	-	-	1,027,900

Annual program devoted to rehabilitating or upgrading Utility owned buildings or structures as prioritized or needed.

Water CIP

<b>001057A General Upgrades to Supervisory Control and Data Acquisition (SCADA)</b>	<b>75,000</b>	<b>54,000</b>	<b>44,000</b>	<b>-</b>	<b>-</b>	<b>78,000</b>	<b>8,000</b>	<b>-</b>	<b>184,000</b>
Annual program to upgrade technology and equipment in support of the utility SCADA system.									
<b>001283A Replanting of Pine Seedlings @ Cross Bar Ranch</b>	<b>228,000</b>	<b>228,000</b>	<b>271,500</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>999,500</b>
Replanting of pine seedlings at Cross Bar Ranch after timber harvest. Work includes herbicide pretreatment, spot rake and pile burn, purchase of pine seedlings, scalp and planting, post herbicide treatment, post fertilization, and post mowing.									
<b>002149A Logan Laboratory Improvements</b>	<b>208,650</b>	<b>180,300</b>	<b>88,400</b>	<b>1,485,250</b>	<b>1,186,250</b>	<b>300,300</b>	<b>-</b>	<b>-</b>	<b>3,240,500</b>
Hurricane-hardened Water & Sewer System Monitoring & Administration Building to replace the aging facility currently sharing the Logan Pump Station building.									
<b>003763A Utilities Facilities Security</b>	<b>150,000</b>	<b>76,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>676,000</b>
Security systems including cameras, gates, fences, locking mechanisms, etc.									
<b>003767A Water Facilities Annual Improvements</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>700,000</b>
Annual R&R fund to make Capital Improvements for the Water System.									
<b>New Project Request -Building Hardening - General Maintenance Building South</b>		<b>3,900</b>	<b>325,000</b>	<b>650,000</b>					<b>978,900</b>
Upgrades shall be performed on the building to increase this load carrying capacity. Upgrades to include (but not limited to) adding window and storefront shutters, new hurricane resistance windows, securing roof trusses to the building walls and re-securing the buildings decking below the standing seam roof.									
<b>Water Total CIP</b>	<b>23,550,450</b>	<b>17,823,900</b>	<b>22,239,000</b>	<b>30,208,450</b>	<b>19,500,450</b>	<b>20,708,800</b>	<b>11,876,750</b>	<b>13,525,000</b>	<b>135,882,350</b>