

## Utility Fund Capital Improvement Projects

Water Projects	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
<b>System Strength &amp; Reliability</b>						
1 Pump Station at Water Treatment Plant	-	257,500	2,317,500	-	-	-
2 River Intake Relocation	-	-	-	189,000	1,698,000	-
<b>Storage</b>						
3 Heatherwilde Elevated Storage (950 Pressure Plane)	2,766,806	-	-	-	-	-
4 Elevated Storage Tank (800 Pressure Plane)	-	824,000	2,163,000	2,163,000	-	-
<b>Distribution</b>						
5 Weiss Lane Transmission Main Phase 1B	157,153	-	-	-	-	-
6 Helios Way Water Line to Central Wastewater Treatment Plant	355,000	-	-	-	-	-
7 SH 45 Water Extension & Interconnect	90,000	783,400	-	-	-	-
8 South Weiss Transmission Main from Wilbarger Creek to SH130	-	584,960	3,071,040	-	-	-
9 Oxford Transmission Main Extension	-	-	-	109,760	576,240	-
<b>Miscellaneous System Improvements</b>						
10 City Well #6 Rehabilitation	-	853,000	-	-	-	-
11 Pecan Street Parkway Drive Interconnect	-	-	62,400	327,600	-	-
12 Portchester Castle Path/Stone Hill Pressure Plane Interconnection	-	-	-	57,000	-	-
13 Wells Branch Loop Main Extension	-	-	-	76,000	399,000	-
14 Manville Water Line (MUD 5 Agreement)	-	1,000,000	-	-	-	-
<b>Support Facilities</b>						
15 Field Crew Building	786,282	-	-	-	-	-
<b>Total Water Projects</b>	<b>\$ 4,155,241</b>	<b>\$ 4,302,860</b>	<b>\$ 7,613,940</b>	<b>\$ 2,922,360</b>	<b>\$ 2,673,240</b>	<b>\$ -</b>

**Funding sources- Water:**

Transfer from Fund balance	(3,129,241)	(3,859,860)	-	-	-	-
Existing Bond Funds	-	-	-	-	-	-
New Bond Funds	-	-	(6,613,940)	(2,854,360)	(1,998,240)	-
Water Impact Fees	(1,026,000)	(443,000)	(1,000,000)	(68,000)	(675,000)	-

Indicates project partially funded by Impact Fees

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## Utility Fund Capital Improvement Projects

Wastewater Projects	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
<b>Capacity Expansion</b>						
1 Central WWTP Capacity Expansion Phase 1	\$ 1,503,161	\$ 14,703,000	\$ 30,359,000	\$ -	\$ -	\$ -
2 New Sweden Package Treatment Plant	1,136,000	1,942,400	-	10,197,600	-	-
3 Central WWTP Capacity Expansion Phase 2	-	-	550,000	3,278,500	7,017,500	-
<b>Lift Station Removal</b>						
4 Decommision Pfluger Ln (Pflugerville Pkwy) Lift Station	-	180,000	-	-	-	-
5 Decommision Highland Park Lift Station	-	27,000	153,000	-	-	-
<b>Development Driven Improvements</b>						
6 Sorento Interceptor Phase 1	284,712	-	-	-	-	-
7 Carmel Interceptor Phase 1 (includes 1849 Park WW line)	548,994	-	-	-	-	-
8 SH 45/SH 130 Tunnel (extend service to north)	275,000	2,609,000	-	-	-	-
9 West SH 130 Interceptor Phase 1 & 2	\$ 4,000,000	10,000,000	2,000,000	-	-	-
10 Carmel Force Main Extension	-	1,200,000	700,000	-	-	-
11 Weiss Lane Lift Station Capacity Upgrade	-	48,000	252,000	-	-	-
12 Sorento Interceptor Phase 2	-	582,400	3,057,600	-	-	-
13 Highland Park & Pfluger Ln Interceptor Upsize	-	69,600	365,400	-	-	-
14 Highland Park & Pfluger Ln Interconnector Phase 2	-	116,160	609,840	-	-	-
15 Lakeside Interceptor Phase 1	-	-	142,080	745,920	-	-
16 Lakeside Interceptor Phase 2	-	-	-	95,840	503,160	-
17 New Sweden/Cottonwood Interceptor Phase 1	558	879,442	-	4,620,000	-	-
<b>Support Facilities</b>						
18 Field Crew Building	786,282	-	-	-	-	-
<b>Total Wastewater Projects</b>	<b>\$ 8,534,707</b>	<b>\$ 32,357,002</b>	<b>\$ 38,188,920</b>	<b>\$ 18,937,860</b>	<b>\$ 7,520,660</b>	<b>\$ -</b>

**Funding sources - Wastewater:**

Transfer from Fund balance	(1,895,546)	(2,933,600)	(770,400)	-	-	-
Existing Bond Funds	(3,839,161)	(14,810,839)	-	-	-	-
New Bond Funds	-	(12,170,563)	(33,918,520)	(18,937,860)	(7,520,660)	-
Wastewater (Central) Impact Fees	(2,800,000)	(2,442,000)	(3,500,000)	-	-	-

Indicates project partially funded by Impact Fees

## Utility Fund Capital Improvement Projects

<b>Total Funding Sources - Water &amp; Wastewater</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Transfer from Fund balance	\$ (5,024,788)	\$ (6,793,460)	\$ (770,400)	\$ -	\$ -	\$ -
Existing Bond Funds	(3,839,161)	(14,810,839)	-	-	-	-
New Bond Funds	-	(12,170,563)	(40,532,460)	(21,792,220)	(9,518,900)	-
Water and Wastewater (Central) Impact Fees	(3,826,000)	(2,885,000)	(4,500,000)	(68,000)	(675,000)	-
<b>Projected fund balance remaining at year-end:</b>	<b>\$ 11,775,212</b>	<b>\$ 4,981,752</b>	<b>\$ 4,211,352</b>	<b>\$ 4,211,352</b>	<b>\$ 4,211,352</b>	<b>\$ 4,211,352</b>
<b>Bond funds remaining at year-end:</b>	<b>\$ 14,810,839</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Total Proposed Water and Wastewater CIP Expense</b>	<b>\$ 12,689,949</b>	<b>\$ 36,659,862</b>	<b>\$ 45,802,860</b>	<b>\$ 21,860,220</b>	<b>\$ 10,193,900</b>	<b>\$ -</b>

**Notes**

All project information provided by the City Engineer in May 2018.

Water and Wastewater Master Plan Updates (2018/2019), and the 5-year Impact Fee and CIP Update (2019) are included in the utility operating budget.

Use of available fund balance will be considered prior to future bond issuances.