

Utility Fund Capital Improvement Projects

Water Projects	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
System Strength & Reliability						
1 Pump Station at Water Treatment Plant	-	257,500	2,317,500	-	-	-
2 River Intake Relocation	-	-	-	189,000	1,698,000	-
Storage						
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	-	-
Distribution						
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	-
Miscellaneous System Improvements						
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	-	-	-	-
Support Facilities						
15 Field Crew Building	786,282	-	-	-	-	-
Total Water Projects	\$ 4,155,241	\$ 4,302,860	\$ 7,613,940	\$ 2,922,360	\$ 2,673,240	\$ -
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						

Utility Fund Capital Improvement Projects

Wastewater Projects	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Capacity Expansion						
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	-
Lift Station Removal						
4 Decommission Pfluger Ln (Pflugerville Pkwy) Lift Station	-	180,000	-	-	-	-
5 Decommission Highland Park Lift Station	-	27,000	153,000	-	-	-
Development Driven Improvements						
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	-	-
Support Facilities						
18 Field Crew Building	786,282	-	-	-	-	-
Total Wastewater Projects	\$ 8,534,707	\$ 32,357,002	\$ 38,188,920	\$ 18,937,860	\$ 7,520,660	\$ -

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

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Total Funding Sources - Water & Wastewater	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
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)	-
Projected fund balance remaining at year-end:	\$ 11,775,212	\$ 4,981,752	\$ 4,211,352	\$ 4,211,352	\$ 4,211,352	\$ 4,211,352
Bond funds remaining at year-end:	\$ 14,810,839	\$ -	\$ -	\$ -	\$ -	\$ -
Total Proposed Water and Wastewater CIP Expense	\$ 12,689,949	\$ 36,659,862	\$ 45,802,860	\$ 21,860,220	\$ 10,193,900	\$ -

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.