

## Utility Fund Capital Improvement Projects

Water Projects	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
<b>System Strength &amp; Reliability</b>						
1 Pfennig pump station improvements (2 pumps, storage, piping)	\$ 205,619	\$ -	\$ -	\$ -	\$ -	\$ -
2 Pump Station at Water Treatment Plant	-	250,000	2,250,000	-	-	-
3 River Intake Relocation	-	-	-	-	189,000	1,698,000
<b>Storage</b>						
4 Heatherwilde Elevated Storage (950 Pressure Plane)	4,212,481	1,703,000	-	-	-	-
5 Elevated Storage Tank (800 Pressure Plane)	-	1,000,000	2,875,000	2,875,000	-	-
<b>Distribution</b>						
6 NTCMUD#5 Projects 2	229,423	-	-	-	-	-
7 Weiss Lane Transmission Main Phase 1B	681,719	530,000	-	-	-	-
8 SH 45 Water Extension & Interconnect	-	848,000	-	-	-	-
9 South Weiss Transmission Main from Wilbarger Creek to SH130	-	-	500,000	3,156,000	-	-
10 Oxford Transmission Main Extension	-	-	-	-	68,600	617,400
<b>Miscellaneous System Improvements</b>						
11 City Well No 6 & 7 Repairs and Upgrades	53,605	827,686	-	-	-	-
12 Pecan Street Parkway Drive Interconnect	-	-	-	31,800	286,200	-
13 Portchester Castle Path/Stone Hill Pressure Plane Interconnection	-	-	-	-	57,000	-
14 Wells Branch Loop Main Extension	-	-	-	-	47,500	427,500
<b>Support Facilities</b>						
15 Field Crew Building	250,000	500,000	-	-	-	-
<b>Total Water Projects</b>	<b>\$ 5,632,847</b>	<b>\$ 5,658,686</b>	<b>\$ 5,625,000</b>	<b>\$ 6,062,800</b>	<b>\$ 648,300</b>	<b>\$ 2,742,900</b>
<b>Funding sources- Water:</b>						
Transfer from Fund balance	(303,605)	(4,733,686)	-	-	-	-
Existing Bond Funds	(3,579,242)	-	-	-	-	-
New Bond Funds	-	-	(5,625,000)	(4,762,800)	(648,300)	(2,067,900)
Water Impact Fees	(1,750,000)	(925,000)	-	(1,300,000)	-	(675,000)
Indicates project partially funded by Impact Fees						

## Utility Fund Capital Improvement Projects

Wastewater Projects	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
<b>Capacity Expansion</b>						
1 Central WWTP Capacity Expansion to 9.0 MGD	\$ 1,500,000	\$ 10,750,000	13,875,000	13,875,000	\$ -	\$ -
2 New Sweden Package Treatment Plant	480,000	700,000	-	3,600,000	-	-
<b>Lift Station Removal</b>						
3 Decommision Pfluger Ln (Pflugerville Pkwy) Lift Station	-	180,000	-	-	-	-
4 Decommision Highland Park Lift Station	-	-	27,000	153,000	-	-
<b>Development Driven Improvements</b>						
5 Sorento/Carmel lift station and force main	1,326,967	-	-	-	-	-
6 Sorento Interceptor	1,535,991	585,000	-	-	-	-
7 Lakeside Interceptor Phase 1	-	-	177,600	710,400	-	-
8 Lakeside Interceptor Phase 2	-	-	-	-	119,000	480,000
9 SH 45/SH 130 Tunnel (extend service to north)	200,000	2,600,000	-	-	-	-
10 Carmel Interceptor Phase 1	3,226,929	-	-	-	-	-
11 New Sweden/Cottonwood Interceptor Phase 1	-	335,000	305,000	3,360,000	-	-
12 West SH 130 Interceptor Phase 1 & 2	1,200,000	\$ 11,200,000	-	3,600,000	-	-
13 Highland Park & Pfluger Ln Interceptor Upsize	-	-	-	63,300	358,700	-
14 Highland Park & Pfluger Ln Interconnector Phase 2	-	-	-	105,600	598,400	-
<b>Support Facilities</b>						
15 Field Crew Building	250,000	500,000	-	-	-	-
16 Plant Site Expansion	450,000	-	-	-	-	-
<b>Total Wastewater Projects</b>	<b>\$ 10,169,887</b>	<b>\$ 26,850,000</b>	<b>\$ 14,384,600</b>	<b>\$ 25,467,300</b>	<b>\$ 1,076,100</b>	<b>\$ 480,000</b>

**Funding sources - Wastewater:**

Transfer from Fund balance	(2,380,000)	(4,200,000)	(332,000)	(153,000)	-	-
Existing Bond Funds	(4,962,920)	-	-	-	-	-
New Bond Funds	-	(18,650,000)	(14,052,600)	(25,314,300)	(1,076,100)	(480,000)
Wastewater (Central) Impact Fees	(2,826,967)	(4,000,000)	-	-	-	-

Indicates project partially funded by Impact Fees



## Utility Fund Capital Improvement Projects

Total Funding Sources - Water & Wastewater	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Transfer from Fund balance	\$ (2,683,605)	\$ (8,933,686)	\$ (332,000)	\$ (153,000)	\$ -	\$ -
Existing Bond Funds	(8,542,162)	-	-	-	-	-
New Bond Funds	-	(18,650,000)	(19,677,600)	(30,077,100)	(1,724,400)	(2,547,900)
Water and Wastewater (Central) Impact Fees	(4,576,967)	(4,925,000)	-	(1,300,000)	-	(675,000)
<b>Projected fund balance remaining at year-end:</b>	<b>\$ 13,173,566</b>	<b>\$ 4,239,880</b>	<b>\$ 3,907,880</b>	<b>\$ 3,754,880</b>	<b>\$ 3,754,880</b>	<b>\$ 3,754,880</b>
<b>Bond funds remaining at year-end:</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Total Proposed Water and Wastewater CIP Expense</b>	<b>\$ 15,802,734</b>	<b>\$ 32,508,686</b>	<b>\$ 20,009,600</b>	<b>\$ 31,530,100</b>	<b>\$ 1,724,400</b>	<b>\$ 3,222,900</b>

**Notes**

All project information provided by Capital Improvement Project Coordinator in May 2017.

Water and Wastewater Master Plan Updates (2017/2018), and the 5-year Impact Fee and CIP Update (2018) are included in the utility operating budget.

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