

FY20 ADOPTED UTILITY BUDGET

TABLE OF CONTENTS

OPERATING SUMMARY

All Combined	9
Electric	11
Water.....	12
Wastewater	13
Utility Billing.....	14

REVENUE CALCULATIONS

Electric	17
Water/Wastewater	18

OPERATIONAL GRAPHS 20

DEPARTMENTAL SUMMARIES

OPERATIONAL SUMMARY 28

WATER/WASTEWATER

Administration (402)	31
Water Treatment Plant (404)	33
Maintenance (405)	35
Rehabilitation (406)	37
Engineering (427)	39
Wastewater Treatment Plant (454)	41
Water Non-Departmental (903)	43
Wastewater Non-Departmental (904)	44

FINANCE

Utility Billing.....	45
----------------------	----

ELECTRIC

Administration (422)	48
Distribution (424)	49
Production (425)	51
Warehouse (426)	52
Fiber (440)	53
Non-Departmental (902)	54

TABLE OF CONTENTS

CAPITAL IMPROVEMENT FUND SUMMARIES

<i>Electric Capital Fund (56)</i>	56
<i>Water Capital Fund (52)</i>	57
<i>Wastewater Capital Fund (54)</i>	58
<i>Wastewater Impact Fee Fund (41)</i>	59
<i>Water Impact Fee Fund (40)</i>	60

WATER/WASTEWATER CAPITAL PROGRAM

<i>Water</i>	61
<i>Wastewater</i>	63

DEBT SERVICE SCHEDULES

<i>Debt Service Fund Summary</i>	67
<i>Annual Debt Service</i>	68

SUPPLEMENTAL FUNDING PACKAGES.....72

TRANSFER CALCULATIONS77

FY20 Proposed Budget City Manager's Message

September 26, 2019

To: Board of Trustees of the Weatherford Municipal Utility System

In accordance with Article X, Section 4 of the Weatherford City Charter, the FY20 proposed budget is hereby submitted for review and consideration. The budget that follows will provide for operations and maintenance of the Weatherford Municipal Utility System from October 1, 2019, through September 30, 2020. It has been developed under the principles and guidance of sound budgeting practices. Said practices assure that revenues are realistically estimated to cover the cost of essential utility services while leaving a prudent amount of working capital for emergency or unforeseen circumstances.

Estimated revenues from the operation of the City's electric, water, and wastewater utility systems for FY20 are \$40.2 million, \$16.9 million, and \$6.9 million, respectively. This total of \$64 million in operating revenues is an increase of 11% from the FY19 adopted budget and reflects an expected increase in customer count in accordance with historical figures as well as higher purchased power costs, which pass through to the City's electric customers. As with previous fiscal years, the City's electric, water, and wastewater systems are all self-sustaining entities, able to meet their full operating costs with their separate utility charges.

Normal system working capital balances should be no less than 90 days of operating expenditures, as determined by the Municipal Utility Board. The budget submitted herein places the ending working capital balance for September 30, 2020, at \$11,394,419, or 132 days of operations. This balance includes the mandated ninety-day target reserve of \$7,780,140.

Also at the Utility Fund's disposal are the following reserves:

- Electric Vehicle and Substation Reserve of \$2,228,000 (including FY20 contributions)
- Lake Capital Reserve of approximately \$1,471,646 (including FY20 contributions)
- Tarrant Regional Water District Pumping Reserves of \$3,186,824 (including FY20 contributions)
- Water Vehicle Reserve of \$52,500 (including FY20 contributions)

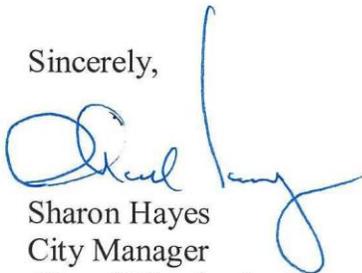
The total adopted budget for the Weatherford Municipal Utility is \$66.2 million, including \$3.2 million in various non-recurring expenses. These nonrecurring expenses include \$668,000 in operational needs such as software, vehicles and equipment, \$385,000 in General Fund administrative costs allocated to the Utility Fund, and over \$1 million being transferred to a capital projects fund to implement a new, City-wide ERP system. This document details the breakdown of the fund's operational departments, including organizational charts, mission statements, objectives, performance measures, and budget detail by expense category. Additionally, this budget also includes initiatives which will provide better services, more efficient operations, and improved morale among staff members. Among those are:

- Continued adjustments related to the use of lake lot license fees (100% of those fees will remain reserved in the following manner: \$200,000 for lake capital projects and the remainder for general capital expenses and/or debt service for the FY17 Texas Water Development Board bond issuance);
- Reserving approximately \$6.1 million and \$1.7 million in water and wastewater revenue from the most recent round of rate adjustments for cash-funding the utilities' capital improvement programs; and
- Needed maintenance to important water/wastewater systems.

The Weatherford Water and Wastewater Utilities concluded a three-year period of rate adjustments in FY17. Under Board direction, the incremental revenue from these adjustments is to be utilized for two primary purposes: new debt service and cash-funding the water/wastewater CIP. At the end of FY20, it is projected that the water utility will have generated a total of \$27.8 million and the wastewater utility will have generated \$7.1 million to cash fund their CIP. While stark consumption decreases in FY15 initially made it difficult to set dollars aside for these purposes, subsequent fiscal years have managed to set the Utilities' capital plans back on track. Currently, the City is undergoing a revised cost of service study to determine if further rate adjustments are necessary to keep the capital improvement plans on track. Because those discussions are ongoing and nothing has been approved to date, this document assumes no changes in the rates.

In conclusion, I wish to thank each department director and supervisor who spent many hours in the preparation of this budget. I especially wish to thank Deputy City Manager James Hotopp and Assistant City Manager Brad Burnett, who both provided invaluable assistance during this process. The Weatherford Municipal Utility has achieved remarkable things during last several years. With the leadership of the Municipal Utility Board, each utility is continuing to be self-sufficient, and the Utility Fund is closer to being set up for greater long-term success for our customers. Overall, this budget represents significant steps in the right direction toward providing outstanding services at the best possible cost.

Sincerely,



Sharon Hayes
City Manager
City of Weatherford
Weatherford, Texas

Utilities System Budget-in-Brief

The adopted FY20 budget matches \$64 million in operating revenues with \$66.2 million in total expenses. A breakdown of those revenues and expenses are as follows:

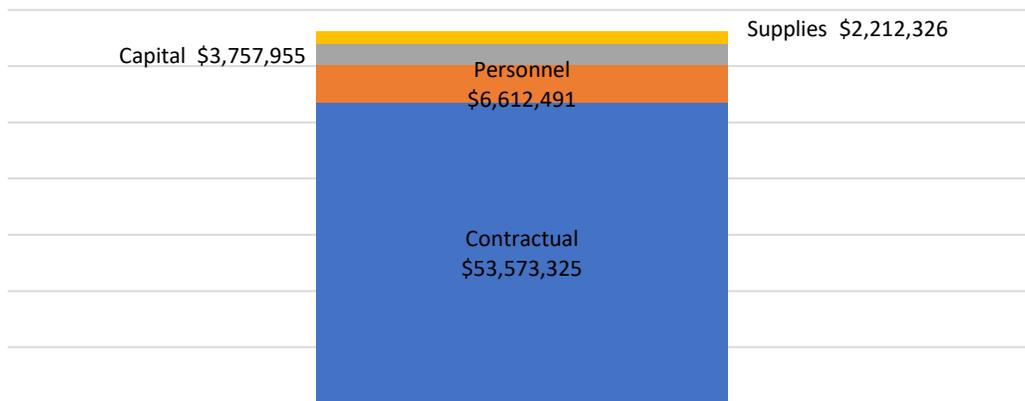
Electric Revenues		Water Revenues	
Service Charges	\$ 39,219,300	Service Charges	\$ 15,531,106
All Other Revenues	\$ 969,000	All Other Revenues	\$ 1,379,260
	\$ 40,188,300		\$ 16,910,366
Electric Expenses		Water Expenses	
Personnel	\$ 3,038,734	Personnel	\$ 1,894,781
Supplies	\$ 697,859	Supplies	\$ 1,008,229
Contractual	\$ 35,497,453	Contractual	\$ 13,482,818
Capital	\$ 2,846,650	Capital	\$ 518,641
	\$ 42,080,696		\$ 16,904,469
Planned use of Fund Balance	\$ (1,892,396)	Planned use of Fund Balance	\$ 5,897

Wastewater Revenues	
Service Charges	\$ 6,743,436
All Other Revenues	\$ 203,245
	\$ 6,946,681
Wastewater Expenses	
Personnel	\$ 1,678,976
Supplies	\$ 506,238
Contractual	\$ 4,593,054
Capital	\$ 392,664
	\$ 7,170,932
Planned use of Fund Balance	\$ (224,252)

Utilities System Budget-in-Brief

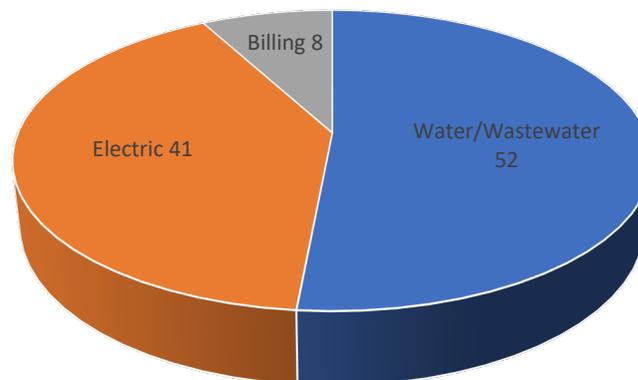
The majority of these expenses are in the contractual category, which includes the cost to purchase power (\$25,134,731) and transfers from the operating fund into the water and wastewater capital funds (\$6,101,908 and \$1,665,166, respectively). While large, long-term capital improvements are expensed from a different fund, some smaller, routine maintenance and rehabilitation expenses do come out of the operating fund (see the capital category, below).

Budget Breakdown



Though it may take a back seat to contractual costs, personnel costs remain one of the largest expenses for any operation. A brief graphic of Weatherford Utilities personnel is as follows:

Personnel Breakdown



Utility Fund Summaries

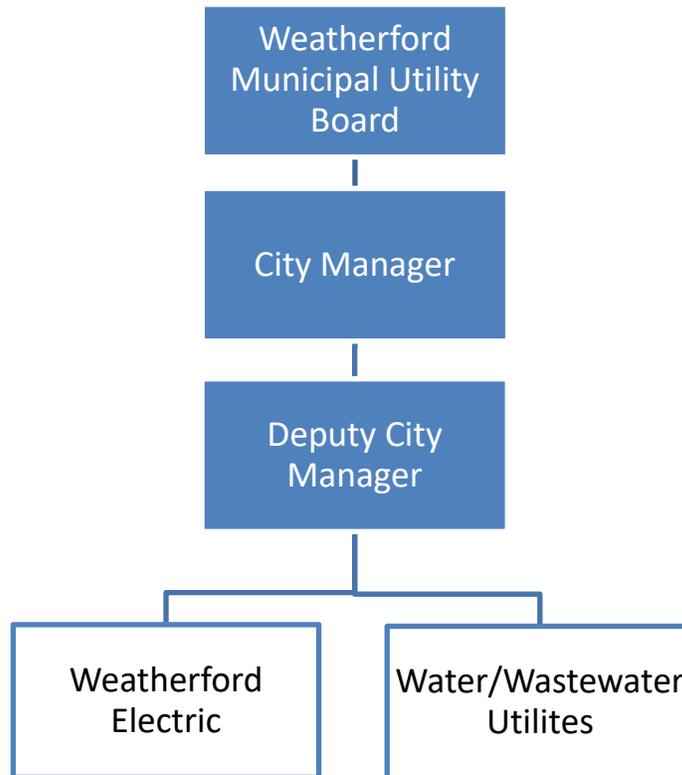
Municipal Utility Fund Summary

The Municipal Utility Fund has more budgeted expenditures than any other fund. Enterprise funds are accounting units that operate similarly to private business entities. The intent of the governing body is to finance the provision goods or services to the public on a continuing basis through user charges. Funding for utility system operations comes from monthly billing to customers for the utility services delivered.

In addition to the three utilities (Electric, Water, and Wastewater), this fund also includes operational costs for utility billing services which, as of FY16, are located in a separate fund. The utilities transfer in dollars to partially fund this service.

The governing board is responsible for providing oversight and recommending service rates such that ongoing operations, capital repair and expansion, and reserves are all maintained at an adequate level.

Organizational Chart



**City of Weatherford
FY20 Program of Services**

**Municipal Utility Fund Summary
FY20 Allocation of Administrative Functions**

Shared or administrative functions are allocated to each utility for the purpose of showing the total cost of operating each utility. These allocated functions include Customer Service.

Administrative Function	Solid Waste	Electric	Water	Wastewater
Customer Service	23.2%	33.4%	22.6%	20.8%

The Water & Wastewater Utilities are tightly connected, sharing resources and personnel. Some of the costs for these two utilities are located in the same cost center. In order to correctly account for the total cost of providing each utility, portions of those cost centers are allocated to either utility. The FY19 allocations for these cost centers is below.

Water/Wastewater Administration *Cost Center: 402*

Water is allocated 50% of the 100 accounts, 64% of the 200 accounts, and 50% of the 300 accounts.

Wastewater is allocated 50% of the 100 accounts, 36% of the 200 accounts, and 50% of the 300 accounts.

Water/Wastewater Maintenance *Cost Center: 405*

Water is allocated 50% of the 100 accounts, 55% of the 200 accounts, 51% of the 300 accounts, and 55% of the 400 accounts.

Wastewater is allocated 50% of the 100 accounts, 45% of the 200 accounts, 49% of the 300 accounts, and 45% of the 400 accounts.

Water/Wastewater Rehabilitation *Cost Center: 406*

Water is allocated 50% of the 100 accounts, 50% of the 200 accounts, 50% of the 300 accounts, and 51% of the 400 accounts.

Wastewater is allocated 50% of the 100 accounts, 50% of the 200 accounts, 50% of the 300 accounts, and 49% of the 400 accounts.

Engineering *Cost Center: 427*

Water is allocated 50% of the 100 accounts, 50% of the 200 accounts, and 50% of the 300 accounts.

Wastewater is allocated 50% of the 100 accounts, 50% of the 200 accounts, and 50% of the 300 accounts.

This page left blank.



**City of Weatherford
FY20 Program of Services**

Municipal Utility Fund Summary

Revenue and Expense Summary

	Actual FY17	Actual FY18	Adopted FY19	Projected FY19	Adopted FY20
Beginning Available Working Capital	15,178,246	10,550,081	14,260,108	14,260,108	12,260,829
Revenue					
Electric Utility					
Sale of Power	32,240,670	35,822,817	32,951,862	36,247,048	39,219,300
Interest & Other	934,037	815,750	903,605	1,300,404	969,000
<i>Subtotal Electric</i>	<u>33,174,707</u>	<u>36,638,567</u>	<u>33,855,467</u>	<u>37,547,452</u>	<u>40,188,300</u>
Water Utility					
Sale of Water - Retail	15,033,587	16,513,150	15,531,106	14,381,682	15,531,106
Sale of Water - Wholesale	111,287	282,807	125,000	240,813	158,192
Lake Lot Licenses	965,135	1,067,088	987,438	1,075,315	1,086,068
Water Taps	2,205	6,030	3,500	6,030	6,000
Interest & Other	290,975	265,912	128,464	161,704	129,000
<i>Subtotal Water</i>	<u>16,403,189</u>	<u>18,134,987</u>	<u>16,775,508</u>	<u>15,865,544</u>	<u>16,910,366</u>
Wastewater Utility					
Service Fees - Retail	6,563,609	7,015,669	6,643,779	6,643,779	6,743,436
Service Fees - Wholesale	135,697	135,872	135,000	145,000	135,000
Wastewater Tap Fees	-	8,060	1,200	8,625	8,000
Pre-Treatment Fees	30,605	29,962	30,000	40,000	35,000
Interest & Other	89,945	66,178	20,245	36,496	25,245
<i>Subtotal Wastewater</i>	<u>6,819,856</u>	<u>7,255,740</u>	<u>6,830,224</u>	<u>6,873,900</u>	<u>6,946,681</u>
Total Revenue	<u><u>56,397,751</u></u>	<u><u>62,029,294</u></u>	<u><u>57,461,199</u></u>	<u><u>60,286,897</u></u>	<u><u>64,045,347</u></u>
Expenses					
Electric					
Administration	236,252	287,205	245,567	233,808	261,200
Fiber	150,139	105,580	188,570	171,746	246,826
Distribution	5,887,667	5,511,730	6,928,555	6,855,217	7,375,181
Production	6,416	7,134	12,701	9,076	10,342
Warehouse	316,901	290,609	379,247	359,133	475,239
Non Departmental	26,608,831	28,151,464	27,073,808	29,406,276	33,711,908
<i>Subtotal Electric</i>	<u>33,206,206</u>	<u>34,353,722</u>	<u>34,828,448</u>	<u>37,035,256</u>	<u>42,080,696</u>
Water					
Administration	475,252	425,956	485,100	473,510	470,980
Water Treatment Plant	1,675,921	1,700,972	2,685,862	2,613,567	2,716,905
Water/WW Maintenance	1,176,706	1,310,663	1,244,306	1,219,418	1,268,244
Water/WW Rehabilitation	311,719	433,236	480,236	444,982	470,010
Engineering	217,583	203,254	219,752	217,936	276,886
Non Departmental	15,156,980	11,095,552	15,036,505	14,497,659	11,701,443
<i>Subtotal Water</i>	<u>19,014,160</u>	<u>15,169,633</u>	<u>20,151,760</u>	<u>19,467,071</u>	<u>16,904,469</u>
Wastewater					
Administration	456,994	412,321	430,139	418,548	456,999
Water/WW Maintenance	1,144,693	1,072,227	1,308,944	1,262,077	1,173,951
Water/WW Rehabilitation	383,509	399,487	469,236	433,717	459,010
Engineering	217,565	203,254	219,752	217,936	276,886
Wastewater Treatment Plant	941,332	973,712	956,574	956,351	1,015,737
Non Departmental	3,813,571	3,559,425	3,718,776	3,731,866	3,788,348
<i>Subtotal Wastewater</i>	<u>6,957,664</u>	<u>6,620,425</u>	<u>7,103,421</u>	<u>7,020,495</u>	<u>7,170,932</u>
Total Expenses	<u><u>59,178,031</u></u>	<u><u>56,143,780</u></u>	<u><u>62,083,630</u></u>	<u><u>63,522,821</u></u>	<u><u>66,156,097</u></u>

**City of Weatherford
FY20 Program of Services**

Municipal Utility Fund Summary

Revenue and Expense Summary

	Actual FY17	Actual FY18	Adopted FY19	Projected FY19	Adopted FY20
Revenue Over/(Under) Expenses	(2,780,280)	5,885,515	(4,622,431)	(3,235,925)	(2,110,750)
Reserve Contributions*					
Contribution to PCAF	(37,300)	(1,126,903)			
Contributions to Electric Reserves**	(1,000,000)	(238,000)			
Contributions to W/WW Vehicle Reserve**	-	-		(35,000)	
Contributions to Capital/Lake Lot Reserves**	(200,000)	(200,000)	-	-	-
Release of Lake Capital Reserves				1,271,646	
Contribution to TRWD Reserves**	(610,585)	(610,585)			
Ending Working Capital	<u>10,550,081</u>	<u>14,260,108</u>	<u>9,637,677</u>	<u>12,260,829</u>	<u>10,150,079</u>
Ending Days	136.46	182.91	123.62	157.27	117.25

Non-Operating Expenses	3,229,947
Non-Operating Revenues	646,456
Ongoing Revenues	63,398,891
Ongoing Expenses	<u>62,926,150</u>
Net Operating Gain/(Loss)	472,741

*Most of these costs are budgeted in the various non-departmental divisions in case they are needed within the current fiscal year. If they are remaining by year's end, the funds will drain into their respective reserves.

90 Day Target Reserve	(7,791,030)
Available Working Capital	2,359,049
One Day Cost (Ongoing Costs/365)	86,567

**These costs will potentially be needed for various reasons during the fiscal year. As such, they are only treated as "Contributions to Reserves" until after the fiscal year has been completed.

Total Working Days	117
Working Days, Less Vehicle Reserves	117
Target Reserve	90
Available Working Capital	27

**City of Weatherford
FY20 Program of Services**

**Municipal Utility Fund Summary
FY20 Operating Position - Electric Utility**

	Actual FY17	Actual FY18	Adopted FY19	Projected FY19	Adopted FY20
Revenue					
Electric Utility					
Sale of Power	32,240,670	35,822,817	32,951,862	36,247,048	39,219,300
Interest & Other	934,037	815,750	903,605	1,300,404	969,000
Total Revenue	33,174,707	36,638,567	33,855,467	37,547,452	40,188,300
Expenses					
Electric					
Administration	236,252	287,205	245,567	233,808	261,200
Fiber	150,139	105,580	188,570	171,746	246,826
Distribution	5,887,667	5,511,730	6,928,555	6,855,217	7,375,181
Production	6,416	7,134	12,701	9,076	10,342
Warehouse	316,901	290,609	379,247	359,133	475,239
Non Departmental	26,608,831	28,151,464	27,073,808	29,406,276	33,711,908
<i>Subtotal Electric</i>	<i>33,206,206</i>	<i>34,353,722</i>	<i>34,828,448</i>	<i>37,035,256</i>	<i>42,080,696</i>
Total Expenses	33,206,206	34,353,722	34,828,448	37,035,256	42,080,696
OTHER ITEMS					
Contribution to Capital/Reserves	(1,000,000)	(238,000)	-	-	-
Release of Reserved Fund Balance	-	-	-	-	-
Contribution to PCAF Reserve	(37,300)	(1,126,903)	-	-	-
Revenue Over/(Under) Expenses	(1,068,799)	919,943	(972,981)	512,197	(1,892,396)

One-Time Expenses	2,224,634
Non-Operating Revenues	-
Ongoing Revenues	40,188,300
Ongoing Expenses	39,856,061
Net Operating Gain/(Loss)	332,239

Days Cost	40,915
Est. Apportioned Working Capital	4,797,313
90-Day Reserve	3,682,337
Available	1,114,976

Net of the Electric Department's available balance, the following reserve dollars are also available:

Total Substation Reserve Dollars Available (through 2020)	1,278,000
Total Vehicle Reserve Dollars Available (through 2020)	950,000

City of Weatherford
FY20 Program of Services

Municipal Utility Fund Summary
FY20 Operating Position - Water Utility

	Actual FY17	Actual FY18	Adopted FY19	Projected FY19	Adopted FY20
Revenue					
Water Utility					
Sale of Water - Retail	15,033,587	16,513,150	15,531,106	14,381,682	15,531,106
Sale of Water - Wholesale	111,287	282,807	125,000	240,813	158,192
Lake Lot Licenses	965,135	1,067,088	987,438	1,075,315	1,086,068
Water Taps	2,205	6,030	3,500	6,030	6,000
Interest & Other	290,975	265,912	128,464	161,704	129,000
Total Revenue	16,403,189	18,134,987	16,775,508	15,865,544	16,910,366
Expenses					
Water					
Administration	475,252	425,956	485,100	473,510	470,980
Water Treatment Plant	1,675,921	1,700,972	2,685,862	2,613,567	2,716,905
Water/WW Maintenance	1,176,706	1,310,663	1,244,306	1,219,418	1,268,244
Water/WW Rehabilitation	311,719	433,236	480,236	444,982	470,010
Engineering	217,583	203,254	219,752	217,936	276,886
Non Departmental	15,156,980	11,095,552	15,036,505	14,497,659	11,701,443
<i>Subtotal Water</i>	<i>19,014,160</i>	<i>15,169,633</i>	<i>20,151,760</i>	<i>19,467,071</i>	<i>16,904,469</i>
Total Expenses	19,014,160	15,169,633	20,151,760	19,467,071	16,904,469
Revenue Over/(Under) Expenses	(2,610,972)	2,965,354	(3,376,252)	(3,601,527)	5,897
OTHER ITEMS					
Contribution TRWD Reserve	(610,585)	(610,585)	-	-	-
Contribution to Lake Capital Reserve	(200,000)	(200,000)	-	-	-
Contributions to W/WW Vehicle Reserve	-	-	-	(35,000)	-
Revenue Over/(Under) Expenses	(3,421,557)	2,154,769	(3,376,252)	(3,636,527)	5,897
Non-Operating Expenses					730,847
Non-Operating Revenues					646,456
Ongoing Revenues					16,263,910
Ongoing Expenses					16,173,622
Net Operating Gain/(Loss)					90,288
Days Cost					30,355
Est. Apportioned Working Capital					3,559,193
90 Day Reserve					2,731,977
Available					827,216
Net of the Water Department's available balance, the following reserve dollars are also available:					
Tarrant Regional Water District Reserve Available (through 2020)					3,186,824
Lake Capital Reserve Available (through 2020)					-
Vehicle Reserve Available (through 2020)					52,500

City of Weatherford
FY20 Program of Services

Municipal Utility Fund Summary
FY20 Operating Position - Wastewater Utility

	Actual FY17	Actual FY18	Adopted FY19	Projected FY19	Adopted FY20
Revenue					
Wastewater Utility					
Service Fees - Retail	6,563,609	7,015,669	6,643,779	6,643,779	6,743,436
Service Fees - Wholesale	135,697	135,872	135,000	145,000	135,000
Wastewater Tap Fees	-	8,060	1,200	8,625	8,000
Pre-Treatment Fees	30,605	29,962	30,000	40,000	35,000
Interest & Other	89,945	66,178	20,245	36,496	25,245
Total Revenue	6,819,856	7,255,740	6,830,224	6,873,900	6,946,681
Expenses					
Wastewater					
Administration	456,994	412,321	430,139	418,548	456,999
Water/WW Maintenance	1,144,693	1,072,227	1,308,944	1,262,077	1,173,951
Water/WW Rehabilitation	383,509	399,487	469,236	433,717	459,010
Engineering	217,565	203,254	219,752	217,936	276,886
Wastewater Treatment Plant	941,332	973,712	956,574	956,351	1,015,737
Non Departmental	3,813,571	3,559,425	3,718,776	3,731,866	3,788,348
<i>Subtotal Wastewater</i>	<i>6,957,664</i>	<i>6,620,425</i>	<i>7,103,421</i>	<i>7,020,495</i>	<i>7,170,932</i>
Total Expenses	6,957,664	6,620,425	7,103,421	7,020,495	7,170,932
Revenue Over/(Under) Expenses	(137,809)	635,315	(273,197)	(146,594)	(224,252)
				Non-Operating Expenses	274,466
				Non-Operating Revenues	-
				Ongoing Revenues	6,946,681
				Ongoing Expenses	6,896,467
				Net Operating Gain/(Loss)	50,214
				Days Cost	15,297
				Est. Apportioned Working Capital	1,793,621
				90 Day Reserve	1,376,753
				Available	416,868

City of Weatherford
FY20 Program of Services

Utility Billing Internal Service Fund Summary
FY20 Operating Position

	Actual FY17	Actual FY18	Adopted FY19	Projected FY19	Adopted FY20
Beginning Available Working Capital	57,434	152,557	294,312	294,312	246,775
Revenue					
Charge-backs					
Electric	561,073	494,880	430,386	430,386	354,655
Water	364,677	338,784	294,633	294,633	239,811
Wastewater	335,642	311,767	271,137	271,137	220,812
Solid Waste	40,154	110,000	110,000	82,500	245,659
Misc. Revenue	6,493	5,200	-	4,000	-
Total Revenue	<u>1,308,039</u>	<u>1,260,631</u>	<u>1,106,156</u>	<u>1,082,656</u>	<u>1,060,938</u>
Expenses					
Personnel	621,046	551,051	555,132	532,561	451,257
Supplies	27,188	21,655	13,425	11,155	13,425
Contractual	513,672	495,160	537,600	529,480	533,100
Capital Outlay	-	-	-	-	-
Transfer to GF	51,011	51,011	56,996	56,996	60,000
Total Expenses	<u>1,212,916</u>	<u>1,118,876</u>	<u>1,163,153</u>	<u>1,130,193</u>	<u>1,057,782</u>
Revenue Over/(Under) Expenses	<u>152,557</u>	<u>294,312</u>	<u>237,315</u>	<u>246,775</u>	<u>249,900</u>

City of Weatherford
FY20 Program of Services
Electric System Revenues

	Actual FY17	Actual FY18	Projected FY19	Adopted FY20
Revenues				
Electric Utility	32,240,670	35,822,817	36,247,048	39,219,300
Returned Check Charges	6,450	7,380	8,237	8,000
Interest Income	203,487	273,154	305,933	200,000
Net Change In Fair Value - Invest	(81,386)	(143,264)	124,890	-
Sale Of Fixed Assets	-	-	1,500	-
Sale Of Salvage	7,631	1,410	680	-
Pole Rental - Cable TV	108,605	105,996	110,820	110,000
Late Payment Fees	97,307	96,640	100,000	100,000
Temp Connects & Reconnects	58,420	54,940	50,159	60,000
Service Initiation Fees	95,985	93,160	80,139	90,000
Service Transfer Fees	7,280	6,220	6,136	6,000
Electric Miscellaneous	31,190	110,432	109,612	110,000
Contrib In Aid Of Construction	169,882	-	250,000	180,000
Proceeds from Insurance	67,909	30,879	374	-
Electric Fiber Lease Fee	161,276	151,924	151,924	105,000
Pole Attachment Make Ready	-	26,879	-	-
Total Revenue	33,174,707	36,638,567	37,547,452	40,188,300

Water System Revenues

	Actual FY17	Actual FY18	Projected FY19	Adopted FY20
Revenues				
Inspection Service Fee	67,557	20,371	26,835	20,000
Wholesale Water Sales	111,287	282,807	240,813	158,192
Water Utility	15,033,587	16,513,150	14,381,682	15,531,106
Raw Water Sales	-	-	-	-
TRWD Pumping Pass-Through	-	-	-	-
Water Taps	2,205	6,030	6,030	6,000
Water Connection Fee	41,605	46,120	61,567	45,000
Sale Of Fixed Assets	17,753	21,528	-	-
Sale Of Salvage	1,248	3,910	1,222	-
Lake Lot Leases	965,135	1,067,088	1,075,315	1,086,068
Maintenance Services	-	-	-	-
Lake Lot Transfers	11,250	11,250	8,067	9,000
Lake Concession Rental	13,282	17,156	15,143	15,000
Water Tower License Fee	45,370	18,750	29,363	30,000
Proceeds from Insurance	2,284	821	-	-
Shortages & Overages	(4,634)	(3,310)	(6,064)	-
Water Miscellaneous	95,259	129,315	25,571	10,000
Total Revenue	16,403,189	18,134,987	15,865,544	16,910,366

**City of Weatherford
FY20 Program of Services**

Wastewater System Revenues

	Actual FY17	Actual FY18	Projected FY19	Adopted FY20
Revenues				
Sewer Fees	6,563,609	7,015,669	6,643,779	6,743,436
Pre-Treatment Fees	30,605	29,962	40,000	35,000
Sewer Taps	-	8,060	8,625	8,000
Non System Wastewater Maint	-	-	-	-
Proceeds from Insurance	16,330	14,650	-	-
Inspection Service Fee	61,157	31,162	23,531	20,000
Contributions: Dedicated Assets	-	-	-	-
Non System Wastewater Svc Fee	135,697	135,872	145,000	135,000
Sewer Miscellaneous	458	12,062	161	5,245
Sale of Salvage	-	-	183	-
Contribution in Aid of Construction	-	8,303	-	-
Sale of Fixed Assets	12,000	-	12,622	-
Total Revenue	6,819,856	7,255,740	6,873,900	6,946,681
Total System Revenue	56,397,751	62,029,294	60,286,897	64,045,347

**City of Weatherford
FY20 Program of Services**

Electric Revenue Worksheet

The following calculations were utilized to project revenue for the Electric Utility in conjunction with an updated cost of service model provided by NewGen Consulting.

Base Rate (not including \$.015 of PP)	
Industrial	\$ 78,101
All Other	\$ 14,569,716
Subtotal*	<u>\$ 14,647,817</u>
Fuel & Purchase Power (includes \$.015 of PP)	
Industrial	\$ 3,153,995
All Other	\$ 21,417,489
Subtotal**	<u>\$ 24,571,483</u>
Total Revenues	
Industrial	\$ 3,232,096
All Others	\$ 35,987,205
Total Retail Sales Revenue	<u><u>\$ 39,219,300</u></u>

* Net operating capital available for the Electric Utility

** Proposed subtotal is budgeted in 11-2-902-373

**City of Weatherford
FY20 Program of Services**

Water Revenue Worksheet

The following calculations were utilized to project revenue for the Water Utility in conjunction with an updated cost of service model provided by NewGen.

Retail Water Sales Worksheet

Projected Consumption (2019)	1,162,913
Five-Year Average Consumption	1,249,254
FY20 Projected Water Consumption (000s gallons)	1,238,299
*FY20 Effective Rate per 1000 gallons (\$)	\$ 12.54
FY20 Total Projected Retail Revenue	\$ 15,531,102

Wastewater Revenue Worksheet

The following calculations were utilized to project revenue for the Water Utility in conjunction with an updated cost of service model provided by NewGen.

<u>Revenues</u>	<u>Sewer Fees</u> <u>FY2020 - Projected</u>
Oct 2020 \$	563,653
Nov 2020 \$	541,515
Dec 2020 \$	540,279
Jan 2021 \$	532,022
Feb 2021 \$	515,966
Mar 2021 \$	535,252
Apr 2021 \$	558,512
May 2021 \$	558,772
Jun 2021 \$	573,254
Jul 2021 \$	589,799
Aug 2021 \$	597,350
Sep 2021 \$	637,062
Total Projected FY20 \$	6,743,436

* Projected revenue

Note: WasteWater revenue tends to be relatively stable. All revenue growth is coming from anticipated growth in customers.

This page left blank.

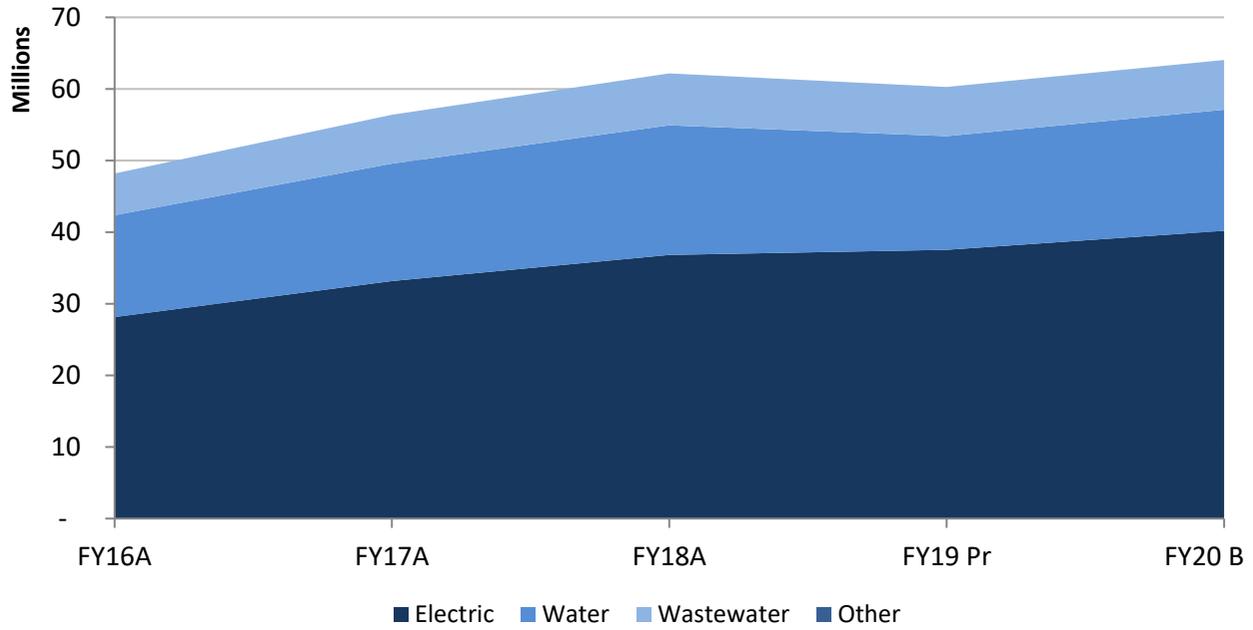


Statistical Charts & Graphs

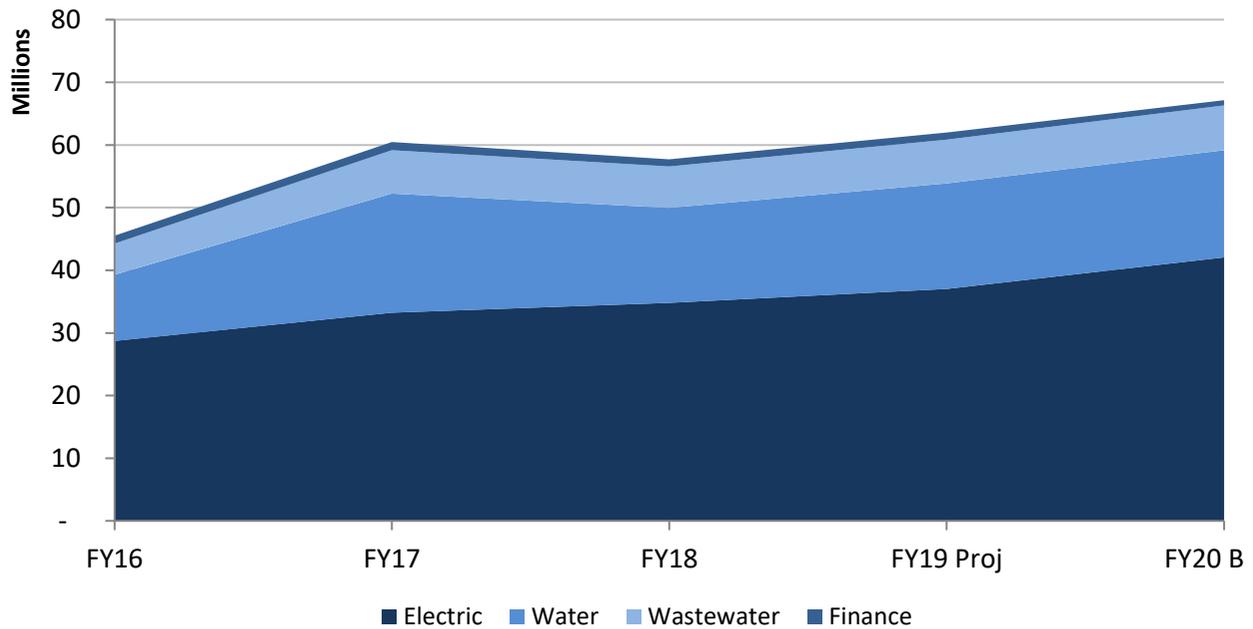
**City of Weatherford
FY20 Program of Services**

Utility Fund Charts & Graphs

Historical Fund Revenues by Utility



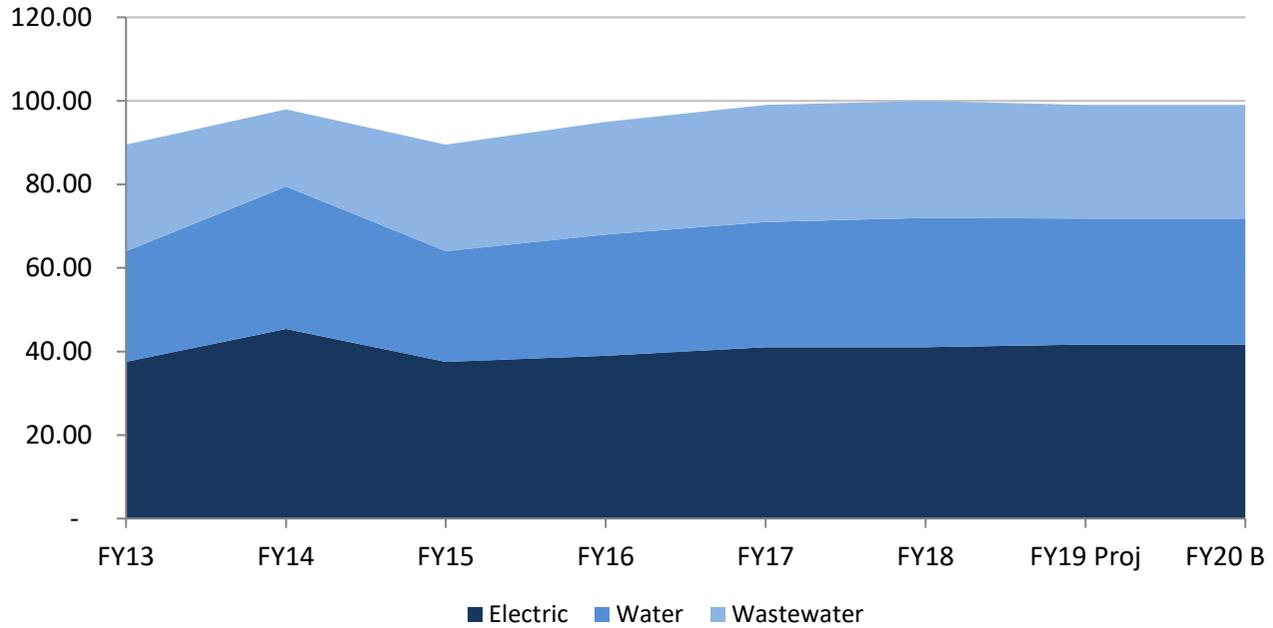
Historical Fund Expenses by Utility



**City of Weatherford
FY20 Program of Services**

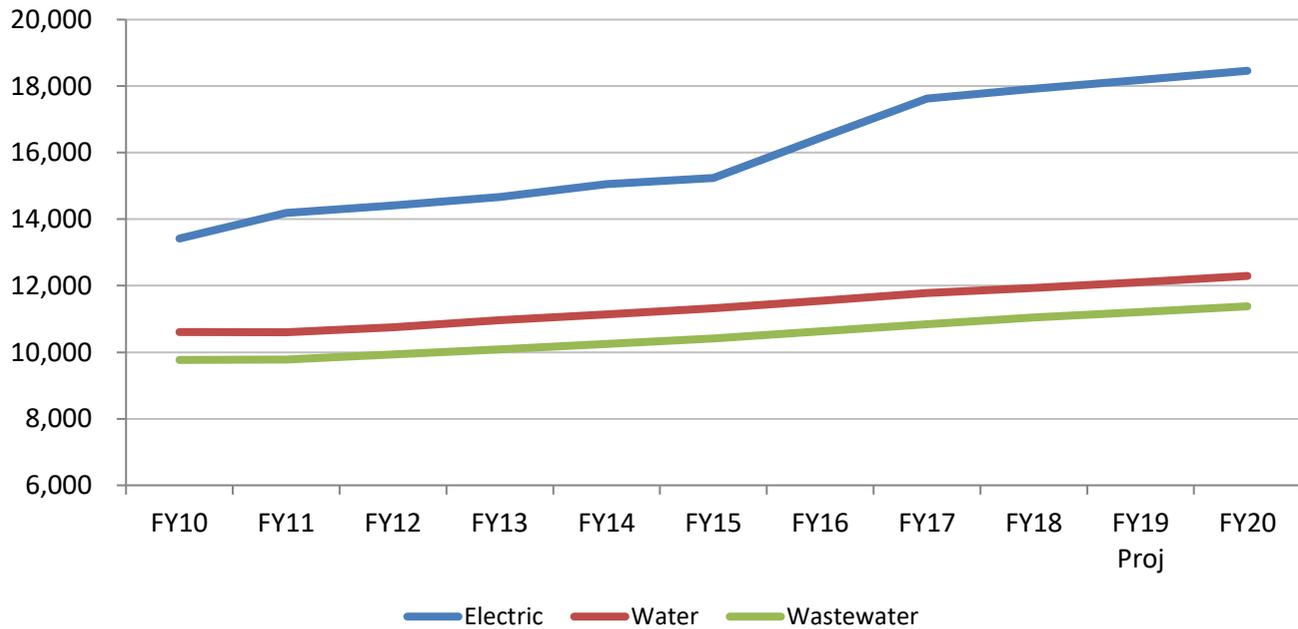
Utility Fund Charts & Graphs

Historical Personnel (FTE) by Utility



* Removal of Information Technology affects FY13 allocation & total position count

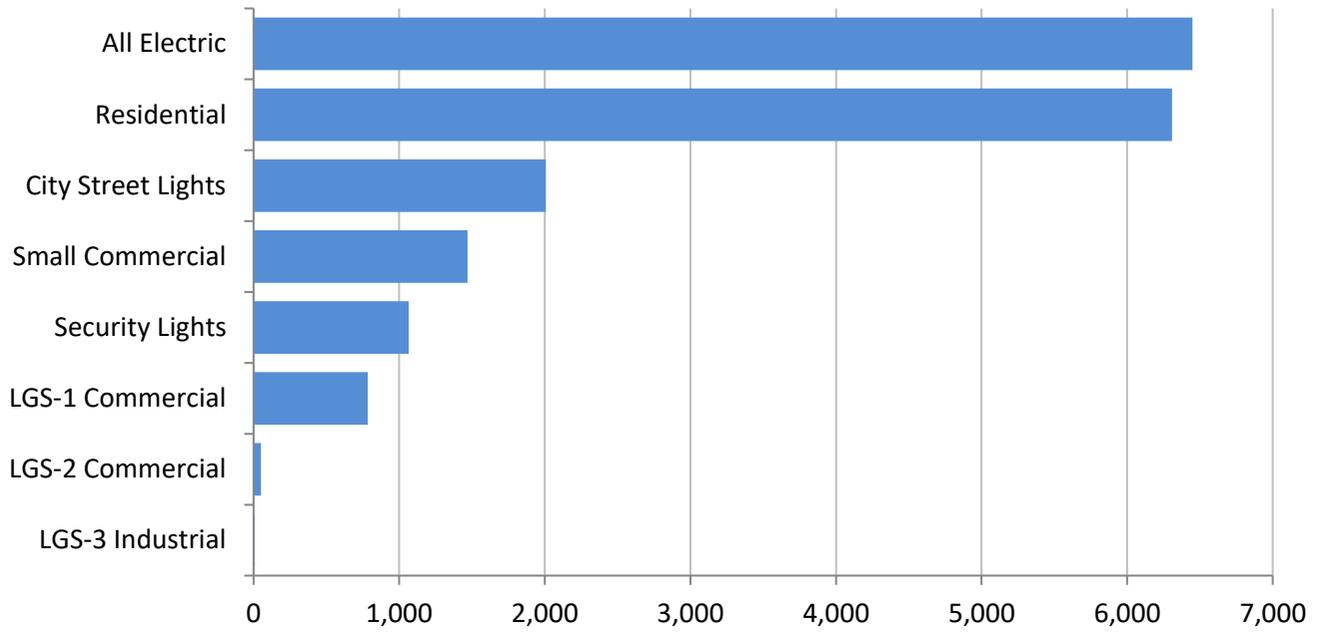
Historical Number of Customers by Utility



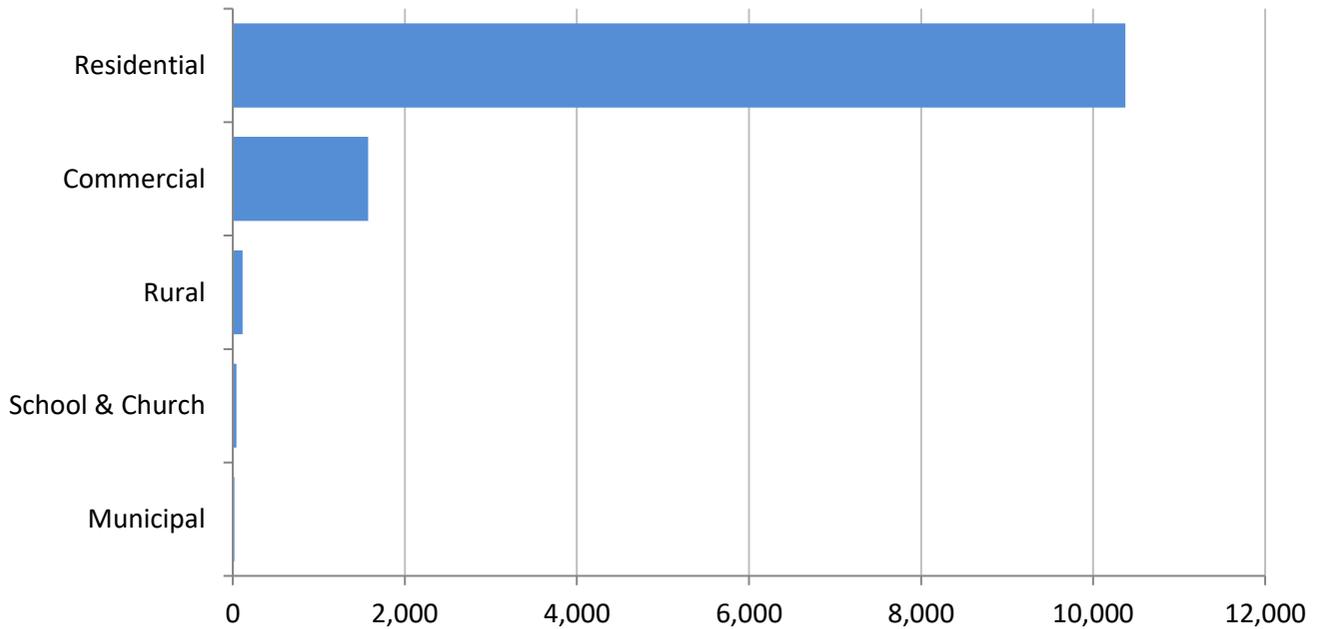
City of Weatherford
FY20 Program of Services

Utility Fund Charts & Graphs

FY19 Electric Customers by Class



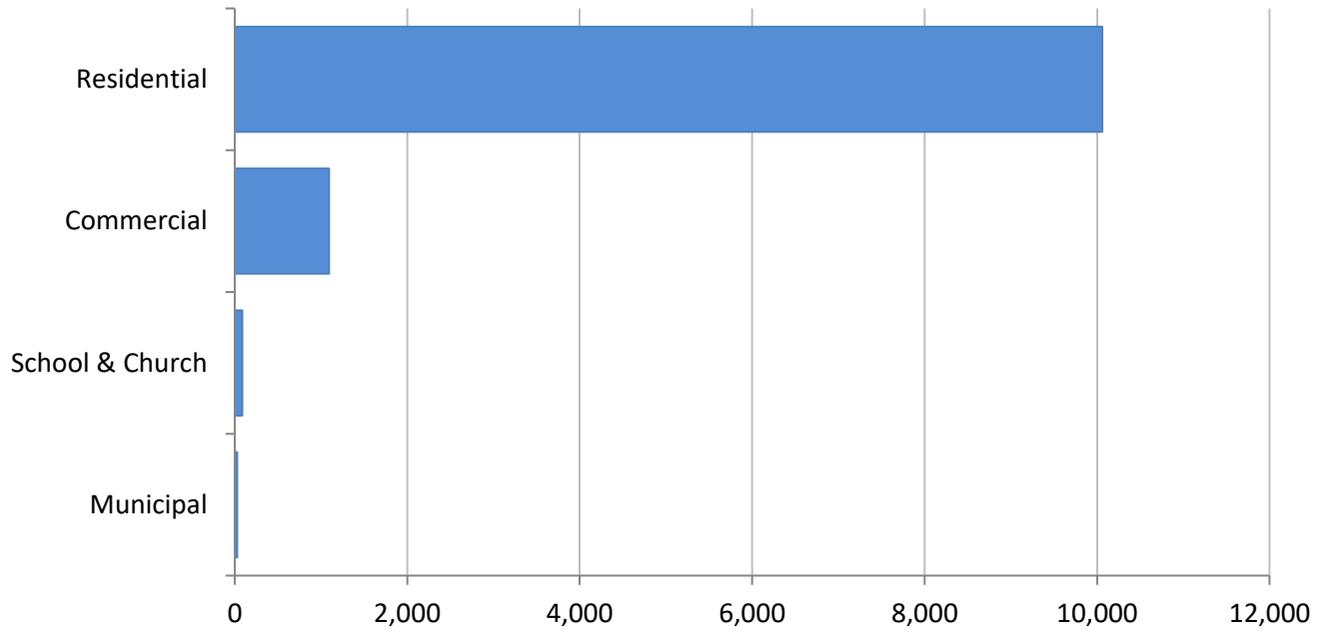
FY19 Water Retail Customers by Class



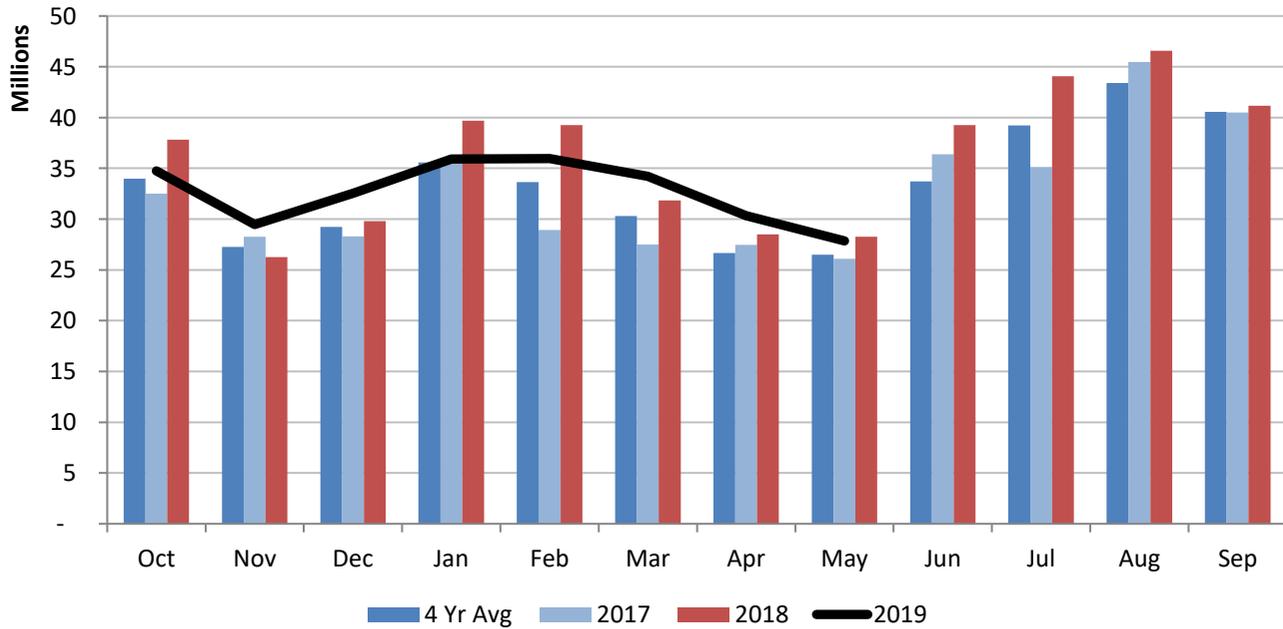
City of Weatherford
FY20 Program of Services

Utility Fund Charts & Graphs

FY19 Wastewater Customers by Class



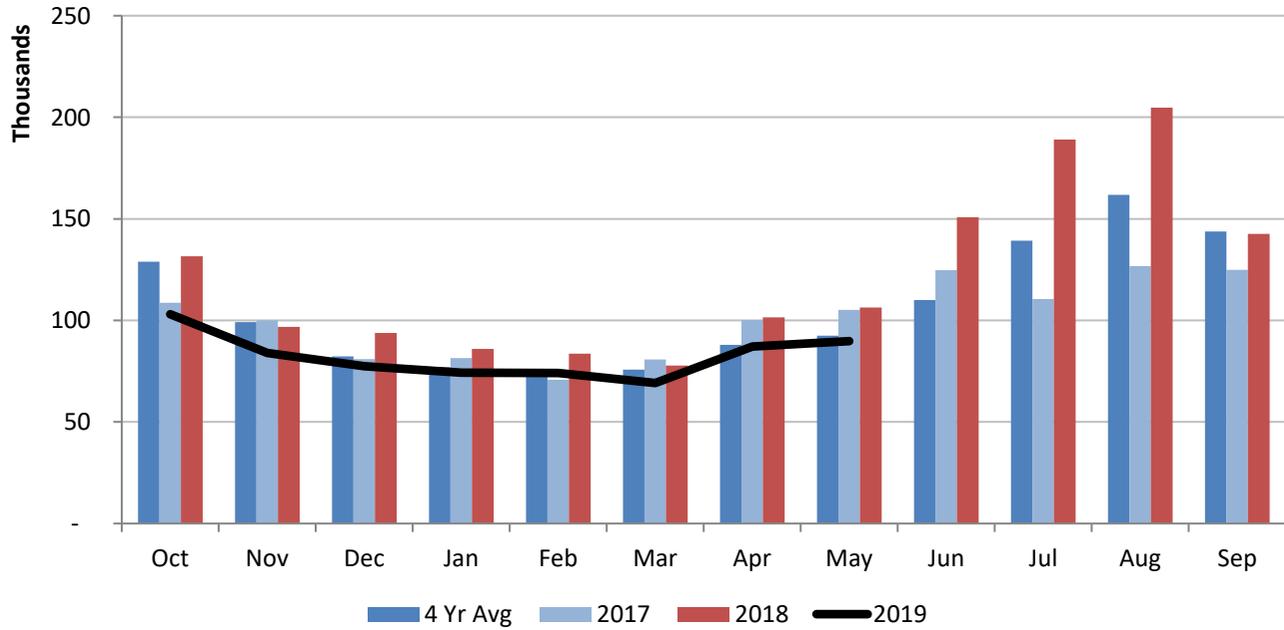
FY19 Electric Consumption vs Historical



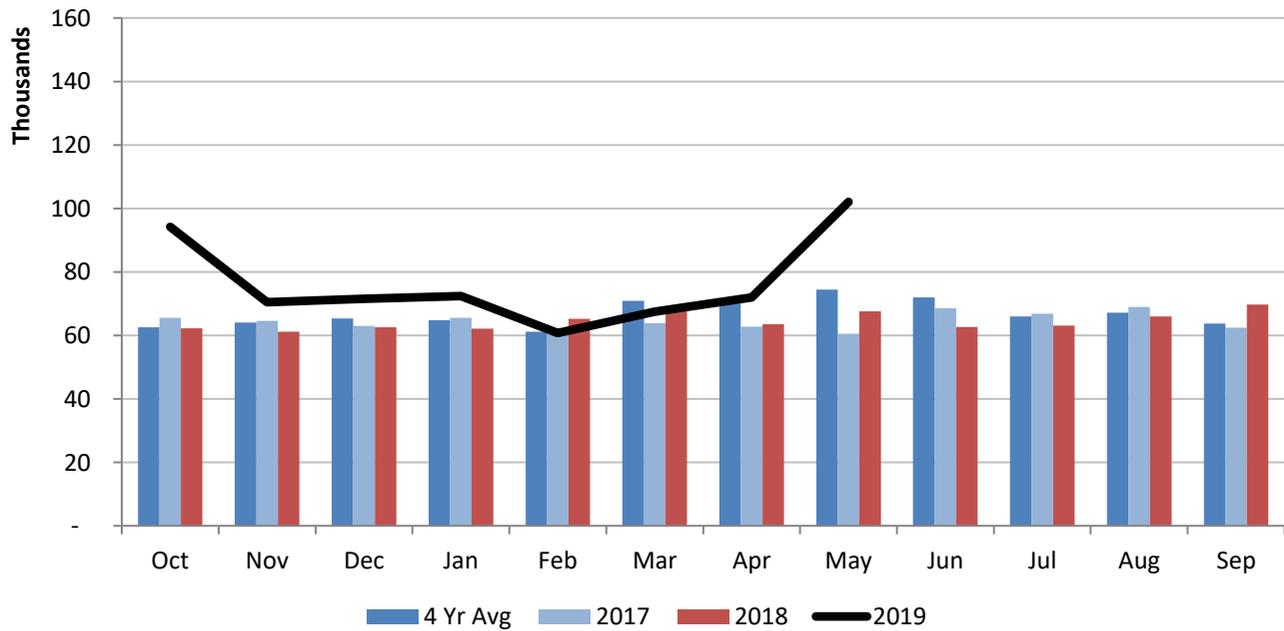
City of Weatherford
FY20 Program of Services

Utility Fund Charts & Graphs

FY19 Water Consumption vs Historical



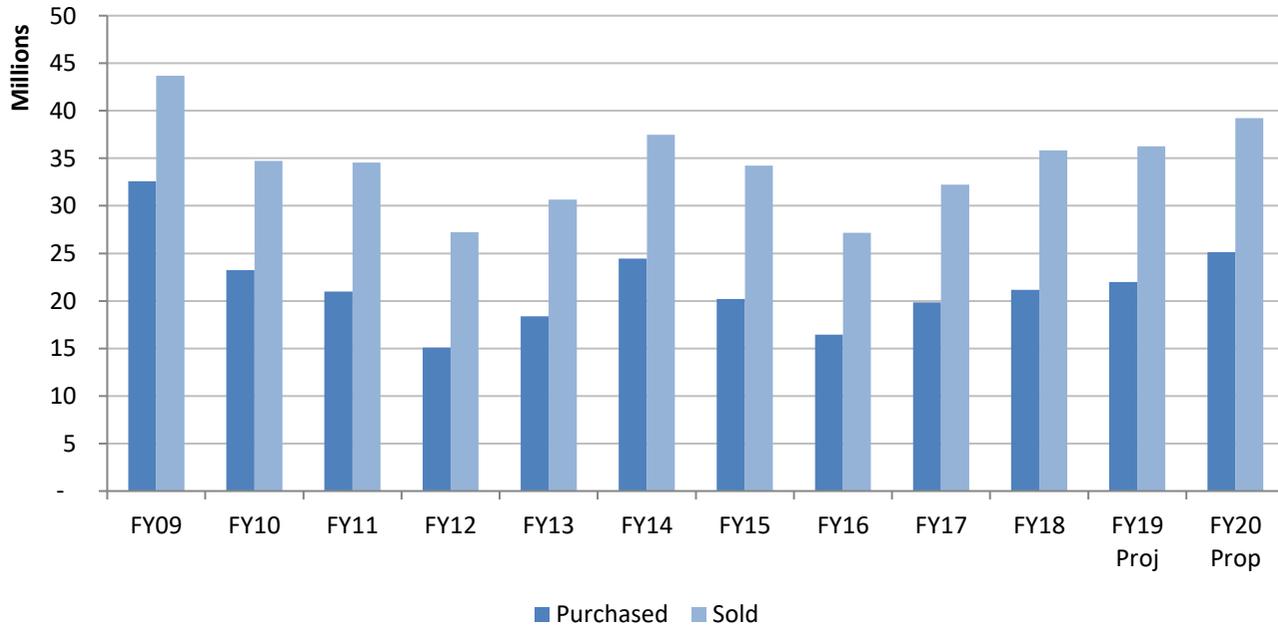
FY19 Wastewater Consumption vs Historical



City of Weatherford
FY20 Program of Services

Utility Fund Charts & Graphs

Historical Electric Sales Revenue vs Purchase Cost



The chart above shows the difference between the cost to purchase power and the revenue from power sold. The difference between these two items represents the bulk of the available operating revenue for the Electric Utility. Historically, these data have been shown in a manner that emphasized the percent margin between the costs and revenues. However, the percent margin is highly dependent upon a variety of items that do not affect revenue available for operations, most notably the price of gas.

The Weatherford Electric Utility has the ability to produce electricity for distribution, but it is often more cost effective to operate as a pass-through entity. As such, the electric rate is comprised primarily of two components: one portion represents the pass-through cost for purchasing power, and the other represents the operational costs of running and maintaining the utility.

The portion of the rate that acts as a pass-through fluctuates depending on the cost of purchasing power. When the purchase cost increases or decreases, the electric rate passes those costs or savings to the consumer. The other portion is used for operations of the utility, is set by the Municipal Utility Board, and largely remains constant throughout the year (although it may fluctuate slightly from month to month in order to stabilize the rate over the course of the year).

The most important variable that determines operating revenue is *actual* consumption of electricity versus *budgeted or expected* consumption. For that reason, this document emphasizes consumption and net operating revenue over percent margin.

Department Summaries

City of Weatherford
FY20 Program of Services

Operational Summary

Water/Wastewater

Division	Cost Center	Positions	FY20 Budget
Water/Wastewater Administration	402	9	\$ 927,979
Water Treatment Plant	404	8	\$ 2,716,905
Water/Wastewater Maintenance	405	21	\$ 2,442,195
Water/Wastewater Rehabilitation	406	6	\$ 929,021
Engineering	427	3	\$ 553,772
Wastewater Treatment Plant	454	5	\$ 1,015,737
Water Non-Departmental	903	0	\$ 11,701,443
Wastewater Non-Departmental	904	0	\$ 3,788,348
Total Water/Wastewater		52	\$ 24,075,401

Electric

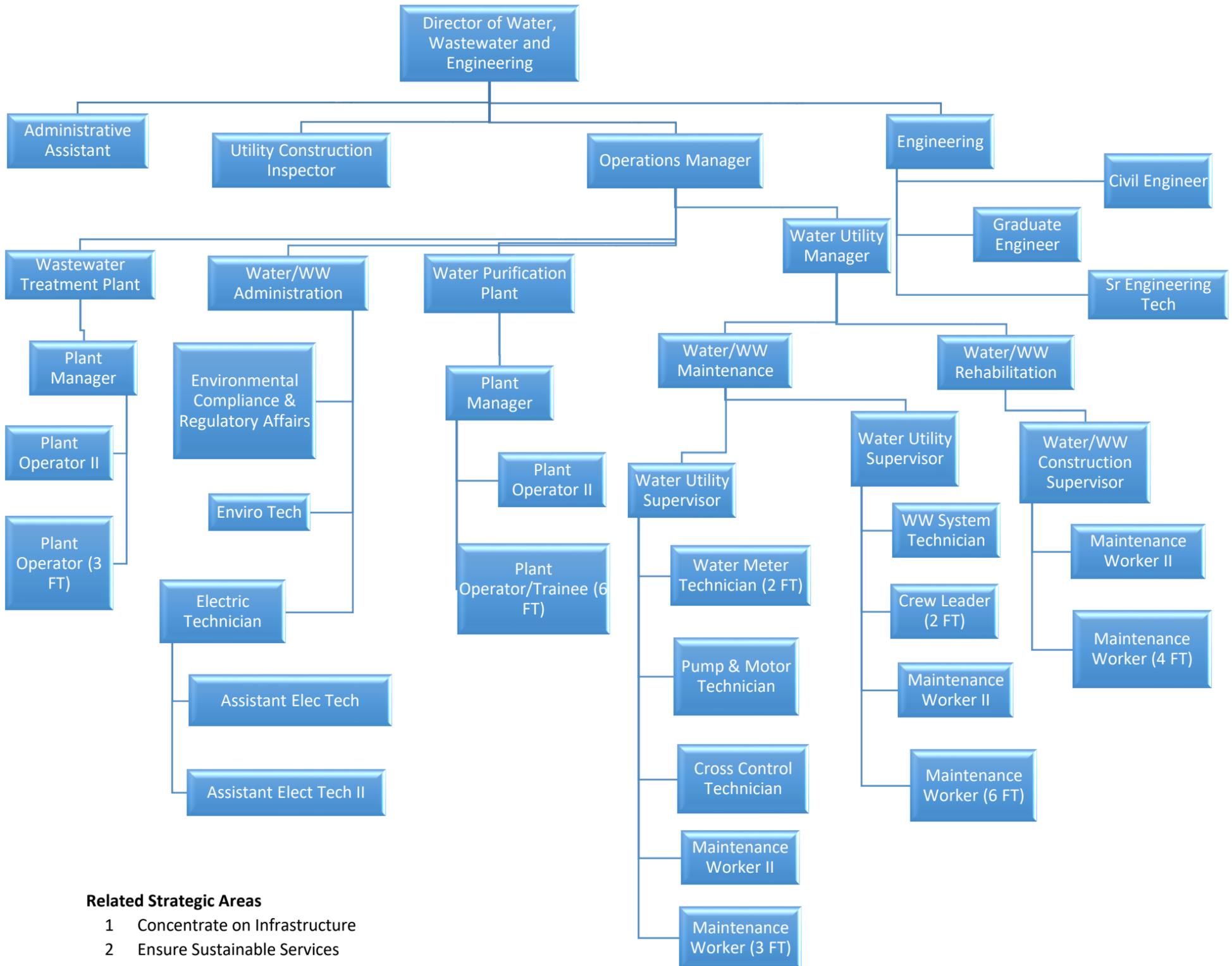
Division	Cost Center	Positions	FY20 Budget
Electric Administration	422	7	\$ 261,200
Electric Distribution	424	30	\$ 7,375,181
Electric Production	425	0	\$ 10,342
Electric Warehouse	426	3	\$ 475,239
Fiber	440	1	\$ 246,826
Electric Non-Departmental	902	0	\$ 33,711,908
Total Electric		41	\$ 42,080,696

Finance

Utility Billing	205	8	\$ 1,000,938
Total Utility Operations		101	\$ 67,157,035

Water/Wastewater

Weatherford Water/Wastewater Utility is a municipal utilities provider for the City of Weatherford. It manages the treatment and distribution of water, the treatment of wastewater, and the maintenance of all water/wastewater assets owned by the Utility. Operating divisions include Administration, Water Treatment Plant, Water/Wastewater Maintenance, Water/Wastewater Rehabilitation, Engineering, Wastewater Treatment Plant, and Non Departmental. It is administered by the Director of Water/Wastewater Utilities, and overseen by the Weatherford Municipal Utility Board.



Related Strategic Areas

- 1 Concentrate on Infrastructure
- 2 Ensure Sustainable Services

Specific Goals

- 1 Upgrade Infrastructure

The Water/Wastewater Department exists to wholly manage the deliverance of water to City of Weatherford Customers as well as treat wastewater delivered to the system. Aging infrastructure and an increase in development has led to a need for rapid repair and expansion of infrastructure. All divisions of Water/Wastewater are dedicated to this strategic area.

This page left blank.



Water/Wastewater

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Water/Wastewater
Division Administration

Purpose and Description of the Division

The Water/Wastewater Administration division is responsible for the supervision of all water and wastewater employees and the functions of these systems. This includes the management of the Electricians, Water Treatment Plant, the distribution system, the wastewater collection system and the Wastewater Treatment Plant, as well as the operation, construction, maintenance, and inspection of these systems. This division also coordinates all construction projects on a day-to-day basis, oversees contractors, and ensures that all requirements of the EPA, TCEQ, and Texas Health Department are met. This division oversees collection and analysis of water samples collected from the distribution system to ensure the quality of the city's drinking water, and also operates and maintains a superior Pretreatment Program for industrial and domestic discharges to the wastewater system.

General Departmental Goals

- 1 To ensure that customers are provided with a safe supply of drinking water.
- 2 To ensure that wastewater is properly treated prior to discharge into the environment.
- 3 To ensure that the distribution and collection systems operate in a proper manner to provide customers with an acceptable level of service.
- 4 To ensure customers are educated on both current and future water conservations.
- 5 To ensure the City maintains a good relationship with industries, so that the City and the industries meet both TCEQ and EPA guidelines.

FY18 or FY19 Noteworthy Accomplishments

- 1 Assisted with design of the wastewater treatment plant SCADA Project.
- 2 Provided support to departments for TCEQ rules and regulations compliance.
- 3 Inspected the construction of the 30" Dubellette water transmission pipeline.
- 4 Inspected the utility construction of 8 various new subdivisions.

Current Objectives

- 1 Oversee the construction of the wastewater treatment plant SCADA project.
- 2 Inspect the rehab of the water and wastewater lines on N. Main from Front St. to 8th St.
- 3 Inspect the rehab of water and wastewater lines on N.Rusk St.
- 4 Design and distribute informational brochures to better inform customers and promote the stronger communities program.

Performance Dashboard

Workload Measures	FY15	FY16	FY17	FY18
1 Water Quality Tests Performed (#)	4,836	4,986	3,284	2,548
2 Utility Projects Inspected (daily average)		5	6	6
3 Pretreatment Programs managed (#)	8	8	8	8
4 Electric/SCADA Projects/ Workorders Completed (#)		109	119	56

Key Result Indicators	FY15	FY16	FY17	FY18
1 Percentage of water quality samples passed	99%	100%	100%	100%
2 Number of Utility Construction inspections performed	2,500	2,750	2,880	3,120
3 Pretreatment Violations Issued	4	7	1	1

Water/Wastewater

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Water/Wastewater
Division Administration

Position Summary	FY17	FY18	FY19	FY20
Assistant Director W/WW (Full Time)	1	0	0	0
Electric Technician (Full Time)	1	1	1	1
Operations Manager W/WW (Full Time)	1	1	1	1
W/WW Utility Const Inspector (Full Time)	1	1	1	1
Environmental Tech (Full Time)	1	1	1	1
Assist. Elect Tech II (Full Time)	1	1	1	1
Executive Assistant (Full Time)	1	1	1	1
Regulatory Affairs (Full Time)	1	1	1	1
Dir. Of W/WW & Eng (Full Time)	1	1	1	1
Assist. Elect Tech (Full Time)	1	1	1	1
Total	10	9	9	9

Budget Summary	FY17	FY18	FY19 Budg	FY19 Prj	FY20 Adopted
Personnel	\$ 864,794	\$ 781,843	\$ 795,754	\$ 778,534	\$ 795,230
Supplies	\$ 43,498	\$ 34,745	\$ 48,950	\$ 45,793	\$ 49,930
Contractual	\$ 23,954	\$ 21,688	\$ 30,535	\$ 27,731	\$ 39,328
Capital	\$ -	\$ -	\$ 40,000	\$ 40,000	\$ 43,491
Total	\$ 932,246	\$ 838,277	\$ 915,239	\$ 892,058	\$ 927,979

Significant Budget Changes

During FY17, the Director of Water/WW was reallocated into this Department.

	Ongoing	One-Time	Total
Welcome Packet	\$ 2,500	\$ 3,500	\$ 6,000
3/4 ton truck with Utility Bed - Replacing 2003 Van		\$ 43,491	\$ 43,491
	\$ 2,500	\$ 46,991	\$ 49,491

Water/Wastewater

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Water/Wastewater
Division Water Treatment Plant

Purpose and Description of the Division

The Weatherford Water Purification/Treatment Plant (WTP) is responsible for safely treating water and delivering under sufficient pressure an adequate supply of water for the City of Weatherford customers. This includes meeting all current and proposed state and federal regulations and preparing appropriate reports. The WTP performs over 200 laboratory analysis a day by state certified operators to maintain or exceed any and all federal and state requirements. The WTP delivered 1,599,240,000 gallons of treated water to the public in 2018.

General Departmental Goals

- 1 Provide quality water to our consumers.
- 2 Meet and exceed EPA and TCEQ guidelines.
- 3 Maintain the plant to prevent interruptions of service.
- 4 Provide a productive and safe work environment.

FY18 or FY19 Noteworthy Accomplishments

- 1 Purchase a HACH DR6000 for laboratory analysis
- 2 Purchase and install a Raw Water RTU with fiber
- 3 Purchase and install Emergency Chlorine Shut-Off Valves
- 4 Started the Taste and Odor/Pre-Treatment project
- 5 Complete 2 years of the LT-2 testing

Current Objectives

Target Completion Date

1	Bulk Chemical Storage Tank Replacement	4/1/2020
2	Replace 125hp Pump and Motor	5/1/2020
3	Replace 400hp Pump and Motor	5/1/2020
4	Replace chemical Leak Detection	1/1/2020
5	Replace on-line chlorine analyzers	2/1/2020

Performance Dashboard

Workload Measures	FY15	FY16	FY17	FY18
1 Treated water	1,761,581MG	1,831,398MG	1,419,888MG	1,599,240MG
2 Treatment cost per 1,000 gallons	\$1.00	\$1.10	\$1.16	\$1.05
3 Fines to the city by TCEQ	0	0	0	0

Water/Wastewater

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Water/Wastewater
Division Water Treatment Plant

Position Summary	FY17	FY18	FY19	FY20
Water Plant Operator II (Full Time)	2	2	2	1
Water Plant Manager (Full Time)	1	1	1	1
Water Plant Operator/Trainee (Full Time)	2	2	2	1
Water Plant Operator (Full Time)	2	3	3	5
Total	7	8	8	8

Budget Summary	FY17	FY18	FY19 Budg	FY19 Prj	FY20 Adopted
Personnel	\$ 536,068	\$ 479,827	\$ 568,693	\$ 513,527	\$ 559,910
Supplies	\$ 412,491	\$ 470,984	\$ 612,060	\$ 542,129	\$ 624,060
Contractual	\$ 582,280	\$ 624,842	\$ 1,457,109	\$ 1,470,517	\$ 1,449,936
Capital	\$ 145,082	\$ 125,319	\$ 48,000	\$ 87,394	\$ 83,000
Total	\$ 1,675,921	\$ 1,700,972	\$ 2,685,862	\$ 2,613,567	\$ 2,716,905

Supplemental Funding Item	Ongoing	One-Time
400hp High Service Pump Replacement		\$ 83,000
COSI - Clean tanks/Inspections	\$ 10,000	
	\$ 10,000	\$ 83,000

Water/Wastewater

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Water/Wastewater
Division Water/WW Maintenance

Purpose and Description of the Division

The Water/Wastewater Maintenance division is responsible for the maintenance of 287 miles of water lines, 213 miles of wastewater lines, 1,666 fire hydrants, 24 lift stations, and over 400 grinder pumps. This division includes a pump and motor maintenance crew which is responsible for the preventative maintenance and repairs of the lift stations, raw water pump station, 7 distribution pump stations, the water and wastewater treatment plants. It also includes a water meter shop which is responsible for the installation, repair, and testing of over 12,000 water meters.

General Departmental Goals

- 1 Reduce sewer stop ups, back ups, and overflows in the collection system.
- 2 Maintain water and wastewater systems to improve reliability.
- 3 Clean, inspect, and camera sewer mains to evaluate condition and plan repairs.
- 4 To continue to use the AMR system to it's full capacity to detect customer leaks in a timely manner
- 5 Reduce water loss to reduce city cost.

FY18 or FY19 Noteworthy Accomplishments

- 1 Implement a customer notification program to detect customer leaks.
- 2 Rebuilt fences at LS# 5 and LS#7.
- 3 Cleaned and painted all piping and pumps at West Lake Booster station and College pump station
- 4 Completed the AMR meter swap program
- 5 Replaced 202 water meters, 6 water valves, 40 water services, 52 water mains, 73 fire hydrants, 10 wastewater services, 12 wastewater mains and 109 manholes and cleanouts

Current Objectives

	Target Completion Date
1 Clean, inspect, and camera 16 miles of wastewater main per year	9/30/2020
2 Repair wastewater mains in designated sewer sheds	9/30/2020
3 Monitor AMR system for incoming alarms and early leak detection	9/30/2020
4 Perform preventative maintenance on key system infrastructure	9/30/2020
5 Install taps and get pressures on all lift station discharge lines	9/30/2020

Performance Dashboard

Workload Measures		FY15	FY16	FY17	FY18
1	Number of water main breaks	40	55	52	52
2	Number of system overflows	8	4	2	4
3	Number of system stop-ups	113	137	111	115

Key Result Indicators		FY15	FY16	FY17	FY18
1	Meter Change out	218	3060	5125	202
2	Comprehensive sewer shed inspection/cleaning	105,646	88,837	74,431	110,455
3	% of Scheduled maintenance completed on time	100%	100%	100%	100%

Budgetary Issues

As the Water/Wastewater system ages and the frequency of problems increase, and as it expands the funding and staffing for this division will need to be increased to properly address these issues.

Water/Wastewater

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Water/Wastewater
Division Water/WW Maintenance

Position Summary	FY17	FY18	FY19	FY20
Maintenance Worker III (Full Time)	1	1	0	0
Water Utility Supervisor (Full Time)	2	2	2	2
Water Utility Manager (Full Time)	1	1	1	1
Water Meter Tech (Full Time)	1	1	1	1
Maintenance Worker I (Full Time)	9	9	9	10
Pump & Motor Tech (Full Time)	1	1	1	1
Light Equipment Operator (Full Time)	2	2	0	0
Cross Connect Control Tech (Full Time)	0	1	1	1
Crew Leader (Full Time)	0	0	2	2
Meter Tech (Full Time)**	0	0	1	1
Maintenance Worker II (Full Time)	1	1	2	1
WW System Tech (Full Time)	1	1	1	1
Total	19	20	21	21

** Meter Tech was moved from 205 - Utility Billing

Budget Summary	FY17	FY18	FY19 Budg	FY19 Prj	FY20 Adopted
Personnel	\$ 1,162,128	\$ 1,175,309	\$ 1,281,795	\$ 1,139,222	\$ 1,238,181
Supplies	\$ 525,640	\$ 624,143	\$ 488,202	\$ 569,646	\$ 561,202
Contractual	\$ 369,674	\$ 331,281	\$ 345,626	\$ 334,999	\$ 319,641
Capital	\$ 263,956	\$ 252,158	\$ 437,627	\$ 437,627	\$ 323,171
Total	\$ 2,321,398	\$ 2,382,890	\$ 2,553,250	\$ 2,481,495	\$ 2,442,195

Supplemental Funding Item	Ongoing	One-Time
Camera Cable	\$ -	\$ 7,773
Lift Station #17 Backup Pump	\$ -	\$ 30,750
Trench Roller	\$ -	\$ 30,643
Unit 2336 Replacement	\$ -	\$ 39,148
COSI - Vehicle/Equipment Parts	\$ 33,600	\$ -
COSI - Misc Supplies	\$ 5,000	\$ -
COSI - Water Mains	\$ 15,400	\$ -
COSI - Water Services	\$ 6,500	\$ -
COSI - Sanitary Sewers	\$ 6,500	\$ -
COSI - Valves & Hydrants	\$ 6,500	\$ -
COSI - Professional Services	\$ 15,000	\$ -
	\$ -	\$ 108,314

Water/Wastewater

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Water/Wastewater
Division Water/WW Rehabilitation

Purpose and Description of the Division

The Water/Wastewater Rehabilitation division is responsible for the replacement of infrastructure in the water distribution and wastewater collection systems to improve the service and conveyance, for the customers of Weatherford Utilities in a cost efficient manner.

General Departmental Goals

- 1 Upgrade/replace aging infrastructure in the water distribution and wastewater collection system.
- 2 Minimize sanitary system overflows by replacing deteriorating and undersized mains.
- 3 Minimize I & I (Inflow & Infiltration) in the collection system.
- 4 Minimize water loss in the distribution system and improve fire protection.

FY18 or FY19 Noteworthy Accomplishments

- 1 Completed 4 waste water projects in FY 18
- 2 Completed 3 water line projects in FY 18
- 3 Completed LS#6 drainage project
- 4 Completed removing LS#2

Current Objectives

- 1 Replace all water and sewer in the 500-700 blocks of N Rusk
- 2 Replace all water and sewer in the 200-300 block of Edna
- 3 Replace all water and sewer in the 100-200 blocks of E Akard
- 4 Replace all water and sewer in the 500-800 block of Sloan

Target Completion Date

4/19/2019
 6/19/2019
 9/30/2019
 9/30/2019

Performance Dashboard

Workload Measures

	FY15	FY16	FY17	FY18
1 Footage of wastewater mains replaced	5,268	2,552	4,981	2,802
2 Footage of water mains replaced	1,530	3,822	3,296	3,130

Key Result Indicators

	FY15	FY16	FY17	FY18
1 Cost per foot of wastewater main replacements	\$69.81	\$83	\$75	\$88
2 Cost per foot of water main replacements	\$126.74	\$104.38	\$80.00	\$87.00

Budgetary Issues

Aging infrastructure in the water utility system allows failures and requires replacement to stay within state guidelines.

Water/Wastewater

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Water/Wastewater
Division Water/WW Rehabilitation

Position Summary	FY17	FY18	FY19	FY20
Construction Crew Leader (Full Time)	1	1	1	1
W/WW Construction Maint II (Full Time)	1	1	1	1
Maintenance Worker I (Full Time)	4	4	4	4
Total	6	6	6	6

Budget Summary	FY17	FY18	FY19 Budg	FY19 Prj	FY20 Adopted
Personnel	\$ 281,148	\$ 283,452	\$ 325,966	\$ 255,628	\$ 329,554
Supplies	\$ 87,940	\$ 98,324	\$ 78,550	\$ 74,819	\$ 78,550
Contractual	\$ 37,753	\$ 35,745	\$ 48,002	\$ 37,310	\$ 59,274
Capital	\$ 288,387	\$ 415,203	\$ 496,954	\$ 510,943	\$ 461,643
Total	\$ 695,228	\$ 832,724	\$ 949,472	\$ 878,699	\$ 929,021

Water/Wastewater

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Water/Wastewater
Division Engineering

Purpose and Description of the Division

The Engineering Division is responsible for providing engineering support to the Weatherford Municipal Utility System, Floodplain Management and other departments within the City. The Division also provides the comprehensive system planning, engineering design, design review, and implementation systems in accordance with local, state, and federal rules and laws and good engineering practices. The Division also provides representation for all predevelopment, development, and preconstruction meetings.

General Departmental Goals

- 1 Provide quality customer service to all internal and external customers.
- 2 Provide engineering design and assistance for utility and public works projects.
- 3 Provide timely review of all developer initiated projects.
- 4 Help monitor and provide assistance for the operation and maintenance of the City's water and wastewater facilities.
- 5 Manage water and wastewater capital improvement projects.

FY18 or FY19 Noteworthy Accomplishments

- 1 Managed capital improvement projects estimated over \$30,000,000
- 2 Updated three year Water/Wastewater Rehabilitation Plan
- 3 Completed over 1351 development reviews
- 4

Current Objectives

Target Completion Date

- | | | |
|---|--|-----------|
| 1 | Manage project for an elevated storage tank in the Miller pressure plane | 3/1/2020 |
| 2 | Assist in updating Subdivision Ordinance | 12/1/2019 |
| 3 | Complete reclaimed water project | TBD |
| 4 | Manage project to rehabilitate Lift Station 12 | TBD |

Performance Dashboard

Workload Measures

	FY15	FY16	FY17	FY18
1 Developer Reviews	649	802	869	1351
2 Cost of Capital projects managed	\$ 25,839,709	\$ 31,774,746	\$ 33,232,000	\$ 32,105,000
3 In-house engineering designs completed	8	9	10	14

Key Result Indicators

	FY15	FY16	FY17	FY18
1 Percent increase in Developer Review	19.30%	23.57%	8.35%	55.47%
2 Percent increase in Cost of Capital projects managed	83.80%	22.97%	4.59%	-3.39%
3 Percent increase in In-house engineering designs completed	166.67%	12.50%	11.11%	40.00%
4				

Water/Wastewater

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Water/Wastewater
Division Engineering

Position Summary	FY17	FY18	FY19	FY20
Senior Engineering Tech (Full Time)	1	1	1	1
Civil Engineer (Full Time)	1	1	1	1
Graduate Engineer (Full Time)	1	1	1	1
Total	3	3	3	3

Budget Summary	FY17	FY18	FY19 Budg	FY19 Prj	FY20 Adopted
Personnel	\$ 283,434	\$ 290,808	\$ 289,552	\$ 287,097	\$ 306,778
Supplies	\$ 3,069	\$ 1,781	\$ 6,375	\$ 6,290	\$ 6,375
Contractual	\$ 148,663	\$ 87,496	\$ 143,576	\$ 142,484	\$ 240,619
Capital	\$ -	\$ 26,422	\$ -	\$ -	\$ -
Total	\$ 435,166	\$ 406,507	\$ 439,503	\$ 435,871	\$ 553,772

Supplemental Funding Item	Ongoing	One-Time
Consultant Contract for Review of Develop and CIP Project Mngmt	\$ 100,000	
	\$ 100,000	\$ -

Water/Wastewater

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Water/Wastewater
Division Wastewater Treatment Plant

Purpose and Description of the Division

The Wastewater Treatment Plant is responsible for the treatment of wastewater collected from residences, businesses, and industries. Treatment includes the removal of suspended solids and organic contaminants as well as an ultra-violet disinfection process in order to meet Texas Commission on Environmental Quality discharge standards. Chemical and biological tests are performed by state certified plant personnel and contract laboratories to assure compliance with discharge permit limits.

General Departmental Goals

- 1 Protect the environment by adequately treating all wastewater received into the plant.
- 2 Remain in compliance with all TCEQ/EPA requirements
- 3 Maintain a safe working environment

FY18 or FY19 Noteworthy Accomplishments

- 1 Replaced 3 gearboxes on the Orbal treatment unit
- 2 Replaced old plant RAS pump
- 3 Replaced various pumps in the sandfilters
- 4 Installed a U.V hoist at the U.V. structure

Current Objectives

Target Completion Date

- | Current Objectives | Target Completion Date |
|---|------------------------|
| 1 Remodel the old plant Admin for our pretreatment program. | 12/1/2020 |
| 2 Complete the SCADA upgrade | 12/1/2020 |
| 3 Add sand to the sandfilters | TBD |
| 4 Replace 1 relift pump at the old plant | 11/1/2020 |
| 5 Maintain and follow preventative maintenance schedule for key equipment | TBD |

Performance Dashboard

Workload Measures	FY15	FY16	FY17	FY18
1 Treated wastewater	801 mg	926mg	773mg	774mg
2 Treatment cost per 1,000 gallons	1.15	0.91	1.19	1.22
3 Fines to the city by TCEQ	0	0	0	0

Position Summary	FY17	FY18	FY19	FY20
WW Plant Manager (Full Time)	1	1	1	1
WW Plant Operator I/II (Full Time)	4	4	4	4
Total	5	5	5	5

Budget Summary	FY17	FY18	FY19 Budg	FY19 Prj	FY20 Adopted
Personnel	\$ 334,836	\$ 329,817	\$ 349,437	\$ 342,501	\$ 344,105
Supplies	\$ 135,244	\$ 182,630	\$ 164,190	\$ 165,020	\$ 194,350
Contractual	\$ 393,460	\$ 442,874	\$ 401,382	\$ 391,264	\$ 477,283
Capital	\$ 77,791	\$ 18,390	\$ 41,565	\$ 57,566	\$ -
Total	\$ 941,332	\$ 973,712	\$ 956,574	\$ 956,351	\$ 1,015,737

Supplemental Funding Item	Ongoing	One-Time
Sludge Hauling		\$ 34,717
COSI - Equipment Parts	\$ 11,000	
COSI - Pumps and Controls	\$ 10,000	
COSI - Plant Equipment Maintenance	\$ 1,100	

41 \$ - \$ 22,100 \$ 34,717

This page left blank.



Water/Wastewater

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Water/Wastewater
Division Water Non-Departmental

Purpose and Description of the Division

Water Non-Departmental Division is a function of the financial administration of the Utility. It houses transfers to other funds, administrative overhead costs, including Utility Billing, Finance, and Human Resources, principle and interest payments for debt service, and other general expenses for the Water Utility.

Budget Summary	FY17	FY18	FY19 Budg	FY19 Prj	FY20 Adopted
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies	\$ -	\$ -	\$ -	\$ -	\$ -
Contractual	\$ 15,156,980	\$ 11,095,552	\$ 12,177,359	\$ 11,826,013	\$ 11,701,443
Capital	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 15,156,980	\$ 11,095,552	\$ 12,177,359	\$ 11,826,013	\$ 11,701,443

Water/Wastewater

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Water/Wastewater
Division Wastewater Non-Departmental

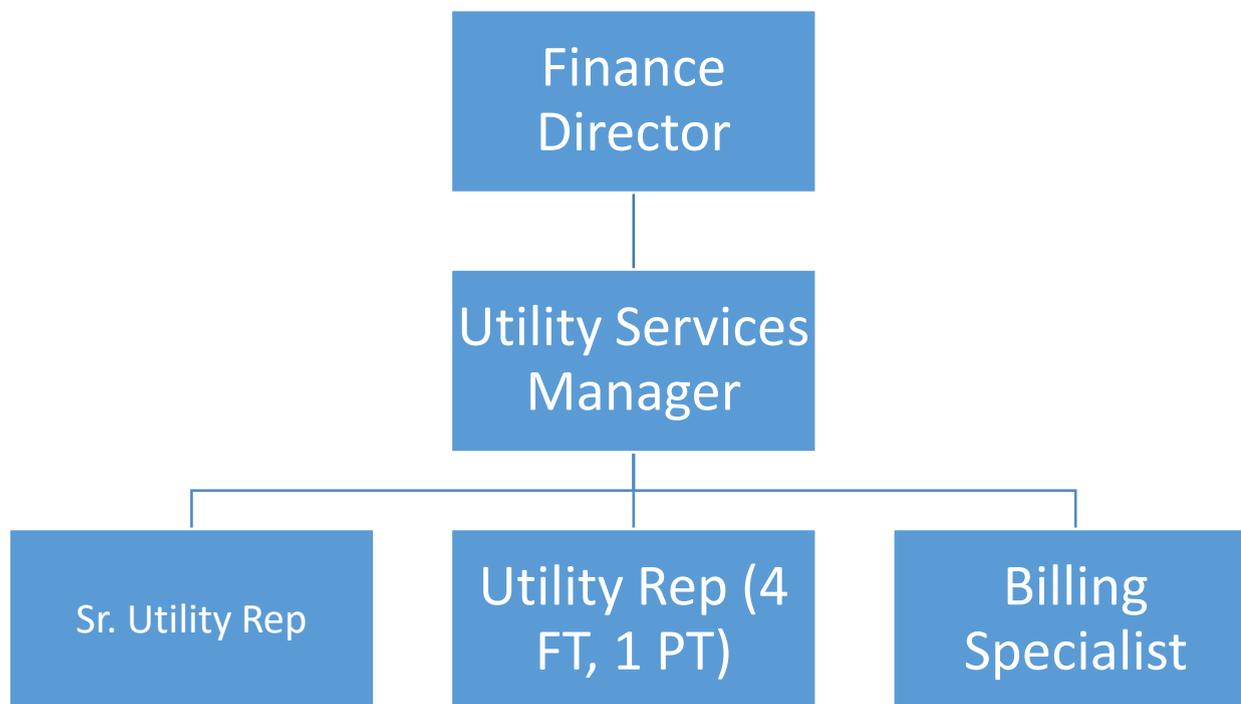
Purpose and Description of the Division

Wastewater Non-Departmental Division is a function of the financial administration of the Utility. It houses transfers to other funds, administrative overhead costs, including Utility Billing, Finance, and Human Resources, principle and interest payments for debt service, and other general expenses for the Wastewater Utility.

Budget Summary	FY17	FY18	FY19 Budg	FY19 Prj	FY20 Adopted
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies	\$ -	\$ -	\$ -	\$ -	\$ -
Contractual	\$ 3,813,571	\$ 3,559,425	\$ 3,731,276	\$ 3,731,866	\$ 3,788,348
Capital	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 3,813,571	\$ 3,559,425	\$ 3,731,276	\$ 3,731,866	\$ 3,788,348

Utility Billing

Managed by the Finance Director, the Utility Billing Department is responsible for the reading and billing of approximately 26,000 electric and water meters and timely and accurate billing of approximately 15,500 accounts each month. Of the utility accounts billed, approximately 800 each month require some degree of collection action. The Utility Billing Department issues approximately 12,000 work orders annually, not only for customer requested services (connects, disconnects, transfers, etc.), but repair/replacement of electric and water meters, water and sewer taps.



Related Strategic Areas

- 1 Communication w/ Citizens
- 2 Ensure Sustainable Services
- 3 Concentrate on Infrastructure

Specific Goals

- 2 Upgrade Infrastructure
- 6 Explore new revenue opportunities

General Departmental Goals

- 1 We will work as a team to establish and maintain a positive relationship with our customers through communication, resourcefulness and dedication.
- 2 To prepare and process accurate and concise utility bills to approximately 16,500 customers.
- 3 Respond to customer inquiries and issues timely and fairly with intentions of satisfying and educating each customer.
- 4 Use technology resources to help increase the efficiency of our department.

FY18 or FY19 Noteworthy Accomplishments

- 1 Continue to decrease collection amounts
- 2 Minimized collections to 3 times a month
- 3 Implemented phone notification system to reduce collections each month.
- 4 Purchased a remit plus mail machine to increase the efficiency of how we process mail.
- 5 Implemented CityWorks to reduce the amount of paper printed for work orders.

Utility Billing

Service Type External
Service Area Organizational Management
Fund Utility Billing
Department Finance
Division Utility Billing

Current Objectives

- 1 Improve efficiency on accounts that require collections and reduce the amount of cutoffs monthly.
- 2 Implement customer dashboard to allow customer access to view usage.
- 3 Promote and market alternative ways to communicate to reduce walk in traffic.
- 4 Transition to Munis to promote better workflow.

Performance Dashboard

Workload Measures		FY15	FY16	FY17	FY18
1	Collections	6,000	2,761	1,898	1,758
2	Work Orders	14,440	15,263	15,348	16,524
3	Phone calls	64,000	72,570	69,941	133,000

Key Result Indicators

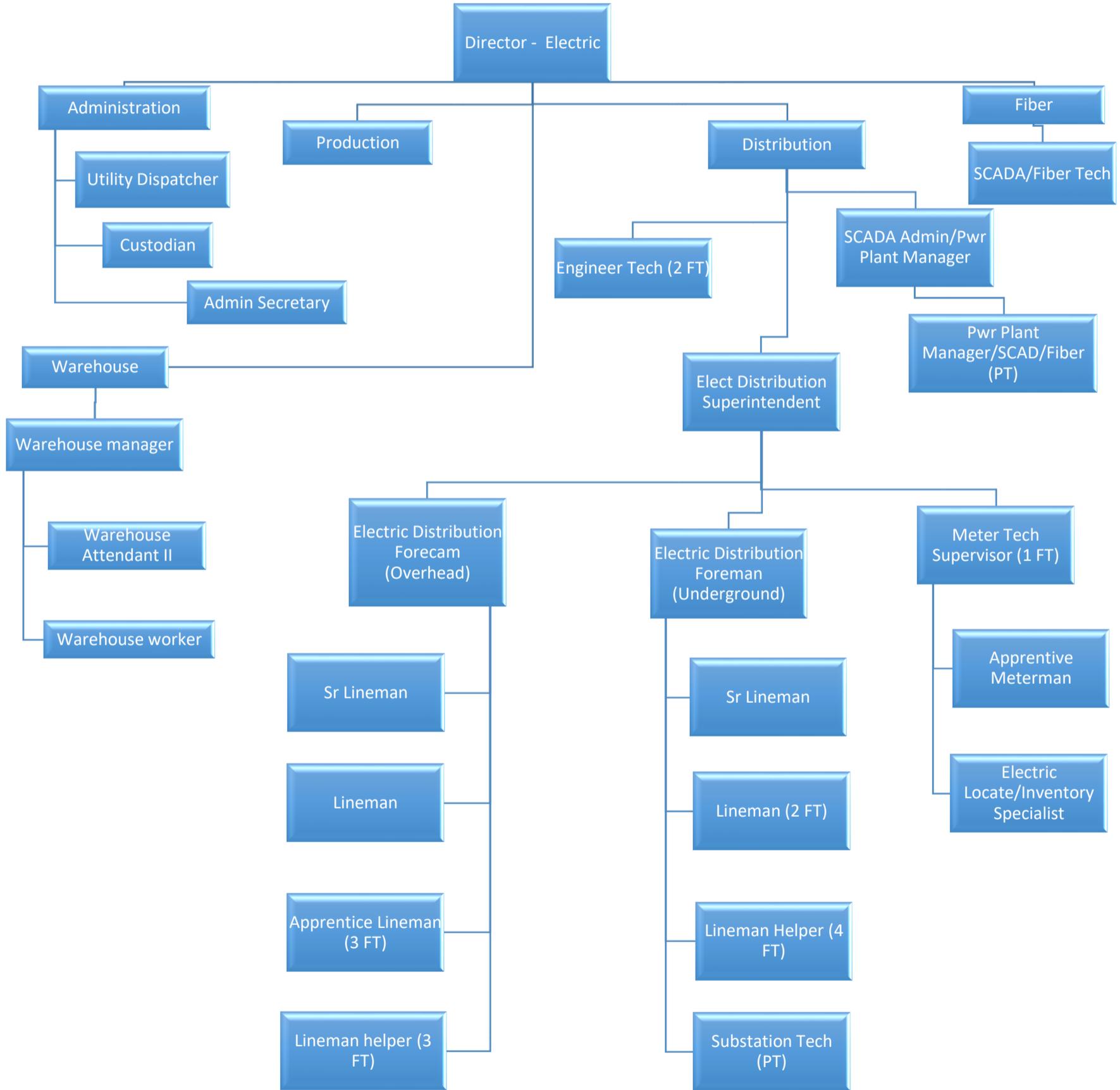
- 1 The IVR/online portal has processed over 88k payments which reduces phone calls for our department.
- 2 We have over 3k applications that have been processed electronically which reduces walk in traffic.
- 3 We are using PublicData software for new accounts and have searched over 2000 customers to reduce printing efforts.
- 4 We have over 15k customers that receive electronic billing which reduces cost of paper and postage.

Position Summary	FY17	FY18	FY19	FY20
Meter Services Supervisor (Full Time)	1	1	0	0
Billing Specialist (Full Time)	1	1	1	1
Meter Service Rep (Full Time)	1	1	0	0
Meter Reader (Full Time)	3	3	0	0
Customer Service Rep (Full Time)	4	4	4	4
Customer Service Rep (Part-Time)	0	0	1	1
Customer Service Manager (Full Time)	1	1	1	1
Sr. Customer Service Rep (Full Time)	1	1	1	1
Total	12	12	8	8

Budget Summary	FY17	FY18	FY19 Budg	FY19 Prj	FY20 Adopted
Personnel	\$ 621,046	\$ 551,051	\$ 555,132	\$ 556,738	\$ 454,413
Supplies	\$ 27,188	\$ 21,655	\$ 13,425	\$ 15,795	\$ 13,425
Contractual	\$ 513,672	\$ 489,175	\$ 537,600	\$ 532,852	\$ 533,100
Capital	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 1,161,905	\$ 1,061,881	\$ 1,106,157	\$ 1,105,386	\$ 1,000,938

Electric Department

Weatherford Electric is a municipal electric provider for the City of Weatherford. It manages the distribution and production of electricity, as well as the maintenance of all electric assets owned by the utility. Operating divisions include Administration, Distribution, Production, and Warehouse. It is administered by the Director of Electric Utilities, and overseen by the Weatherford Municipal Utility Board.



Electric Department

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Electric Department
Division Administration

Related Strategic Areas

- 1 Concentrate on Infrastructure
- 2 Ensure Sustainable Services

Specific Goals

- 2 Upgrade Infrastructure

The Electric Department exists to wholly manage the deliverance of electricity to City of Weatherford Customers. Aging infrastructure and an increase in development has led to a need for rapid repair and expansion of infrastructure. All divisions of the Electric Department are dedicated to this strategic area.

Purpose and Description of the Division

Electric Administration is responsible for the overall management and administration of water and wastewater treatment plants, water distribution and wastewater collection system, electric distribution and power generation, and other ancillary services.

Position Summary	FY17	FY18	FY19	FY20
Utility Board Member (Part Time)	4	4	4	4
Custodian (Full Time)	1	1	1	1
Utility Dispatcher (Full Time)	1	1	1	1
Administrative Assistant (Full Time)	1	1	1	1
Total	7	7	7	7

Budget Summary	FY17		FY18		FY19 Budg		FY19 Prj		FY20 Adopted	
Personnel	\$	191,471	\$	183,050	\$	191,205	\$	180,277	\$	201,557
Supplies	\$	10,868	\$	17,648	\$	16,275	\$	19,538	\$	16,475
Contractual	\$	33,914	\$	36,657	\$	38,087	\$	33,993	\$	43,168
Capital	\$	-	\$	49,850	\$	-	\$	-	\$	-
Total	\$	236,252	\$	287,205	\$	245,567	\$	233,808	\$	261,200

Electric Department

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Electric Department
Division Distribution

Purpose and Description of the Division

The function of the Electric Distribution Division is to provide electricity to residential, commercial, and industrial customers. The Electric Distribution Division is charged with constructing, operating, and maintaining the electric system to ensure that its customers are provided the highest quality service at the most economical cost.

General Departmental Goals

- 1 Provide electricity at the most economical cost to our customers.
- 2 Provide reliable electric service with minimal outages.
- 3 Construct all new infrastructure and maintain existing infrastructure according to industry standards to ensure the long-term reliability of the electric system.

FY18 or FY19 Noteworthy Accomplishments

- 1 Completed installation of advanced metering system.
- 2 Rebuilt the underground primary electric systems in sections of Oak Wook, Oak Wood North, and Valley Trails additions.
- 3 Replaced HID lighting fixtures with LED fixtures. Currently, 52% of lights have been replaced.

Current Objectives

- 1 Continue replacement of HID lighting with LED fixtures.
- 2 Design and install distribution feeder on the southside of I-20 from Ric Williamson to Old Dennis Road
- 3 Design and install distribution feeder on Whitesettlement Road from Lake Weatherford Substation to Oakridge.
- 4 Implement a customer portal for viewing of electric consumption.

Performance Dashboard

Workload Measures		FY15	FY16	FY17	FY18
1	Electric System Peak (Summer) (MW)	93.0	96.1	93.2	100.7
2	Electric System Peak (Winter) (MW)	93.6	75.1	101.3	113.9
3	Power Purchased (MWh)	410,584	397,820	404,395	440,641
4	Electric Customers	14,388	14,548	14,798	14,956

Key Result Indicators		FY15	FY16	FY17	FY18
1	Average Monthly Residential Rate (¢/kWh)	9.6	7.8	9.1	9.4
2	Average Customer Outage Time (minutes)	61	107	122	81
3	Average System Outage Time	16	22	76	38

Electric Department

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Electric Department
Division Distribution

Position Summary	FY17	FY18	FY19	FY20
Apprentice Lineman (Full Time)	2	2	3	3
Director of Electric Utilities (Full Time)	1	1	1	1
Electric Distribution Foreman (Full Time)	2	2	2	1
Electric Apprentice Meterman (Full Time)	1	1	2	1
Electric Distribution Superintendent (Full Time)	1	1	1	1
Meter Technician (Full Time)	0	0	0	1
Electric Locate/Inventory Specialist (Full Time)	1	1	0	1
Electrical Engineer (Full Time)	1	0	1	1
Electrical Engineer Tech (Full Time)	1	2	2	2
Lineman A (Full Time)	3	3	2	1
Lineman Helper (Full Time)	8	8	7	7
Meter Tech Supervisor (Full Time)	1	1	1	1
Meter Reader (Full Time)**	0	0	1	1
Meter Services Supervisor (Full Time)**	0	0	1	1
Electric Distribution Supervisor (Full Time)	0	0	0	1
Electric Construction Superintendent (Full Time)	0	0	0	1
SCADA/Fiber Manager (Full Time)	1	1	1	1
SCADA Admin/Power Plant Mgr (Part Time)	1	1	1	1
Substation Tech (Part Time)	1	1	1	1
Senior Lineman (Full Time)	2	2	2	2
Total	27	27	29	30

** Positions were moved from 205 - Utility Billing

Budget Summary	FY17	FY18	FY19 Budg	FY19 Prj	FY20 Adopted
Personnel	\$ 2,216,864	\$ 2,100,370	\$ 2,267,314	\$ 2,221,387	\$ 2,556,947
Supplies	\$ 478,301	\$ 434,218	\$ 556,611	\$ 518,882	\$ 566,361
Contractual	\$ 1,287,115	\$ 1,164,920	\$ 1,325,384	\$ 1,331,535	\$ 1,581,223
Capital	\$ 1,905,386	\$ 1,812,222	\$ 2,779,246	\$ 2,783,413	\$ 2,670,650
Total	\$ 5,887,667	\$ 5,511,730	\$ 6,928,555	\$ 6,855,217	\$ 7,375,181

Significant Budget Changes

	Ongoing	One-Time	Total
COSI - Seminars & Training	\$ 7,500	\$ -	\$ 7,500
COSI - Travel Expense	\$ 3,500	\$ -	\$ 3,500
COSI - Tree Trimming	\$ 200,000	\$ -	\$ 200,000
NEP - AT&T Pole Attachment Agreement	\$ -	\$ 20,000	\$ 20,000
NEP - Partner Software	\$ -	\$ 23,000	\$ 23,000
NEP - Pole Attachment Audit	\$ -	\$ 20,000	\$ 20,000
NEP - SpidaCalc Software	\$ 3,800	\$ 8,000	\$ 11,800
VER - Backyard Digger Derrick/Aerial Lift	\$ -	\$ 182,500	\$ 182,500
	\$ 214,800	\$ 253,500	\$ 468,300

Electric Department

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Electric Department
Division Production

Purpose and Description of the Division

The Electric Production Plant is maintained and operated for the purpose of generating electricity.

Budget Summary	FY17	FY18	FY19 Budg	FY19 Prj	FY20 Adopted
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies	\$ 759	\$ 2,136	\$ 5,800	\$ 2,416	\$ 5,800
Contractual	\$ 5,657	\$ 4,998	\$ 6,901	\$ 6,660	\$ 4,542
Capital	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 6,416	\$ 7,134	\$ 12,701	\$ 9,076	\$ 10,342

Electric Department

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Electric Department
Division Warehouse

Purpose and Description of the Division

The Weatherford Municipal Warehouse maintains utility and general fund inventories of materials and supplies. It requisitions, obtains quotes, issues purchase orders, and receives, stores, and transfers to all departments specific quantities as required. The warehouse and personnel are under the supervision of the Director of Electric Utilities.

General Departmental Goals

- 1 Ensure the warehouse is stocked to meet internal and external customer needs.

FY18 or FY19 Noteworthy Accomplishments

- 1 Added new racking to continue reorganization of materials in the warehouse to increase efficiency

Current Objectives

- 1 Upgrade warehouse CityWorks software
- 2 Implement barcoding system

Performance Dashboard

Workload Measures	FY15	FY16	FY17	FY18
1 Total Year-End Inventory	\$3,583,016	\$3,216,812	\$3,271,362	\$3,417,239
2 Annual Inventory Received	\$2,477,750	\$2,246,645	\$3,497,090	\$1,925,971
3 Annual Inventory Issued	\$2,378,603	\$2,704,338	\$3,362,759	\$1,776,890

Key Result Indicators	FY15	FY16	FY17	FY18
1 Annual Turns	0.66	0.66	0.95	0.81
2 Annual Inventory Loss	0.48%	0.63%	1.05%	0.09%

Position Summary	FY17	FY18	FY19	FY20
Warehouse Supervisor (Full Time)	1	1	0	0
Warehouse Manager (Full Time)	1	1	1	1
Warehouse Attendant II (Full Time)	1	1	1	1
Warehouse Attendent I (Full Time)	1	1	1	1
Total	4	4	3	3

Budget Summary	FY17	FY18	FY19 Budg	FY19 Prj	FY20 Adopted
Personnel	\$ 222,660	\$ 189,673	\$ 208,948	\$ 197,174	\$ 207,703
Supplies	\$ 18,807	\$ 24,084	\$ 99,735	\$ 50,952	\$ 97,735
Contractual	\$ 67,283	\$ 76,851	\$ 70,564	\$ 111,006	\$ 66,801
Capital	\$ 8,150	\$ -	\$ -	\$ -	\$ 103,000
Total	\$ 316,901	\$ 290,609	\$ 379,247	\$ 359,133	\$ 475,239

	Ongoing	One-Time	Total
Service Center Guardrail Replacement		\$ 22,000	\$ 22,000
Service Center Paving Replacement		\$ 56,000	\$ 56,000
Warehouse Bar Coding System		\$ 24,200	\$ 24,200

52 \$ - \$ 102,200 \$ 102,200

Electric Department

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Electric Department
Division Fiber

Purpose and Description of the Division

The function of the Fiber Optic Division is to provide dark fiber to the City, Utilities Department, WISD, and Parker County. The Fiber Optic Division is charged with constructing, operating, and maintaining the fiber optic system to ensure that its customers are provided the highest quality service at the most economical cost.

General Departmental Goals

- 1 Provide dark fiber service at the most economical cost to our customers.
- 2 Provide reliable dark fiber service with minimal outages.
- 3 Construct all new infrastructure and maintain existing infrastructure according to industry standards to ensure the long-term reliability of the fiber optic system.

Performance Dashboard

Workload Measures

	FY15	FY16	FY17	FY18
1 Customers	6	6	6	6

Position Summary	FY17	FY18	FY19	FY20
SCADA/Fiber Tech (Full Time)	1	1	1	1
Total	1	1	1	1

Budget Summary	FY17	FY18	FY19 Budg	FY19 Prj	FY20 Adopted
Personnel	\$ 69,495	\$ 66,980	\$ 74,832	\$ 71,066	\$ 72,527
Supplies	\$ 2,396	\$ 3,876	\$ 11,488	\$ 5,706	\$ 11,488
Contractual	\$ 17,568	\$ 10,111	\$ 29,250	\$ 21,974	\$ 89,811
Capital	\$ 60,680	\$ 24,612	\$ 73,000	\$ 73,000	\$ 73,000
Total	\$ 150,139	\$ 105,580	\$ 188,570	\$ 171,746	\$ 246,826

	Ongoing	One-Time	Total
Tree Trimming	\$ 20,000	\$ 40,000	\$ 60,000
	\$ 20,000	\$ 40,000	\$ 60,000

Electric Department

Service Type External
Service Area Infrastructure Management
Fund Municipal Utility Fund
Department Electric Department
Division Electric Non-Departmental

Purpose and Description of the Division

Electric Non-Departmental Division is a function of the financial administration of the Utility. It houses transfers to other funds, administrative overhead costs, including Utility Billing, Finance, and Human Resources, principle and interest payments for debt service, and other general expenses for the Electric Utility.

Budget Summary	FY17	FY18	FY19 Budg	FY19 Prj	FY20 Adopted
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies	\$ -	\$ -	\$ -	\$ -	\$ -
Contractual	\$ 26,608,831	\$ 28,589,464	\$ 27,098,808	\$ 29,156,276	\$ 33,711,908
Capital	\$ -	\$ -	\$ -	\$ 250,000	\$ -
Total	\$ 26,608,831	\$ 28,589,464	\$ 27,098,808	\$ 29,406,276	\$ 33,711,908

Significant Budget Changes

The largest expense housed in this Division is for purchased power. This cost is a direct pass-through to customers, but it does fluctuate significantly from year to year, based on the price of natural gas.

Capital Improvement Fund Summaries

**City of Weatherford
FY20 Program of Services**

**Municipal Utility Fund Summary
FY20 Operating Position - Electric Capital Projects (56)**

	Actual FY17	Actual FY18	Adopted FY19	Projected FY19	Adoptedd FY20
Beginning Balance	53,774	553,898	562,672	562,672	571,447
Revenue					
Electric Utility					
Bond Proceeds	-	-	-		-
Sale of Electricity	-	-	-		-
Other Miscellaneous	564,889	8,775	-	8,775	-
Total Revenue	564,889	8,775	-	8,775	-
Expenses					
Electric					
Transformers	64,765	-	-	-	-
Other Improvements	-	-	562,672	-	571,447
Total Expenses	64,765	-	562,672		571,447
Revenue Over/(Under) Expenses	500,124	8,775	(562,672)	8,775	(571,447)
Ending Balance	553,898	562,672	-	571,447	-

City of Weatherford
FY20 Program of Services

Municipal Utility Fund Summary
FY20 Operating Position - Water Capital Projects (52)

	Actual FY16	Actual FY17	Actual FY18	Adopted FY19	Projected FY19	Adopted FY20
Beginning Balance	10,402,821	11,317,868	16,320,195	15,399,326	15,399,326	13,444,904
Revenue						
Water Utility						
Bond Proceeds	-	-	-	-	-	-
Sale of Water - Retail	1,700,000	7,130,914	4,908,540	6,654,561	6,502,728	6,101,908
Other Miscellaneous	37,906	120,844	510,876	100,000	300,000	200,000
Total Revenue	1,737,906	7,251,758	5,419,416	6,754,561	6,802,728	6,301,908
Expenses						
Water						
Repair/Replacements	822,860	2,249,431	6,340,284	22,765,417	8,757,151	19,746,812
Total Expenses	822,860	2,249,431	6,340,284	22,765,417	8,757,151	19,746,812
Revenue Over/(Under) Expenses	915,046	5,002,327	(920,869)	(16,010,856)	(1,954,423)	(13,444,904)
Ending Balance	11,317,868	16,320,195	15,399,326	(611,529.83)	13,444,904	-

City of Weatherford
FY20 Program of Services

Municipal Utility Fund Summary
FY20 Operating Position - WW Capital Projects (54)

	Actual FY16	Actual FY17	Actual FY18	Adopted FY19	Projected FY19	Adopted FY20
Beginning Balance	5,114,264	4,926,940	3,764,064	3,818,868	3,818,868	2,119,825
Revenue						
Wastewater Utility						
Bond Proceeds	-	-	-	-	-	-
Service Charges	300,000	1,678,260	1,326,000	1,645,730	1,740,957	1,665,166
Other Miscellaneous	11,915	39,930	104,582	40,000	60,000	40,000
Total Revenue	311,915	1,718,190	1,430,582	1,685,730	1,800,957	1,705,166
Expenses						
Wastewater						
Repair/Replacements	499,238	2,881,066	1,375,779	4,338,522	3,500,000	3,824,991
Total Expenses	499,238	2,881,066	1,375,779	4,338,522	3,500,000	3,824,991
Revenue Over/(Under) Expenses	(187,324)	(1,162,876)	54,803	(2,652,792)	(1,699,043)	(2,119,825)
Ending Balance	4,926,940	3,764,064	3,818,868	1,166,076	2,119,825	-

City of Weatherford
 FY20 Program of Services
Wastewater Impact Fund (41)

	Actual FY17	Actual FY18	Adopted FY19	Projected FY19	Adopted FY20
Beginning Fund Balance	\$ 1,589,440	\$ 2,047,884	\$ 2,492,558	\$ 2,492,558	\$ 1,508,569
<u>Revenues</u>					
Interest Income	\$ 10,595	\$ 33,759	\$ 5,000	\$ 35,000	\$ 25,000
Impact Fees	\$ 447,849	\$ 608,728	\$ 450,000	\$ 431,011	\$ 450,000
Total Revenues	\$ 458,444	\$ 642,487	\$ 455,000	\$ 466,011	\$ 475,000
Total Expenditures	\$ -	\$ 197,813	\$ 2,946,156	\$ 1,450,000	\$ 1,508,569
Over/(Under)	\$ 458,444	\$ 444,674	\$ (2,491,156)	\$ (983,989)	\$ (1,033,569)
Ending Fund Balance	\$ 2,047,884	\$ 2,492,558	\$ 1,402	\$ 1,508,569	\$ 475,000

City of Weatherford
FY20 Program of Services

Water Impact Fee Fund (40)

	Actual FY16	Actual FY17	Actual FY18	Adopted FY19	Projected FY19	Adopted FY20
Beginning Fund Balance	\$ 564,609	\$ 927,392	\$ 1,522,297	\$ 1,813,619	\$ 1,813,619	\$ 1,798,382
<u>Revenues</u>						
Interest Income	\$ 883	\$ 4,698	\$ 23,787	\$ 5,000	\$ 23,000	\$ 5,000
Impact Fees	\$ 702,778	\$ 590,207	\$ 785,152	\$ 550,000	\$ 611,762	\$ 550,000
Total Revenues	\$ 703,661	\$ 594,905	\$ 808,939	\$ 555,000	\$ 634,762	\$ 555,000
Total Expenditures	\$ 340,878	\$ -	\$ 517,616	\$ 588,000	\$ 650,000	\$ 2,353,382
Over/(Under)	\$ 362,783	\$ 594,905	\$ 291,323	\$ (33,000)	\$ (15,238)	\$ (1,798,382)
Ending Fund Balance	\$ 927,392	\$ 1,522,297	\$ 1,813,619	\$ 1,780,619	\$ 1,798,382	\$ -

Water Capital Improvement Plan

Project Description	FY19 Est.	FY20	FY21	FY22	FY23	FY24	Total
High Priority Projects							
Reclaimed Water Project	\$ 605,941	\$ 650,000	\$ -	\$ -	\$ -	\$ -	\$ 1,255,941
30" Oak Street Rehab	\$ 219,135	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 219,135
BB Fielder Extension	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,000
1800 FW Hwy & 2200 FW Hwy	\$ 167,679	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 167,679
Mockingbird, Park, Rentz, Waco & Cottonwood St.	\$ 1,440,858	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,440,858
0.5 MGD Miller EST	\$ 1,938,924	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,938,924
Oakridge EST Coating	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
12" Water - Bowie St to Miller EST	\$ 234,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 234,000
N. Main Street	\$ 1,735,640	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,735,640
Downtown Redevelopment	\$ 140,000	\$ 720,000	\$ 120,000	\$ 870,000	\$ 1,457,000	\$ 910,000	\$ 4,217,000
Union Pacific Railroad - Water Relocation	\$ 40,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 240,000
Benbrook Raw Water Pipeline - Cathodic Protection	\$ 40,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 340,000
8" Bowie St Crossing	\$ 37,929	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 37,929
Dubelette Pump Station Expansion	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000
Eastview, Water, Ball, Vine, Boundary, Harcourt & Merrimac St	\$ -	\$ -	\$ 200,000	\$ 1,390,000	\$ -	\$ -	\$ 1,590,000
Misc Rehab Projects	\$ 100,000	\$ 100,000	\$ 550,000	\$ 3,630,000	\$ 3,740,000	\$ 3,360,000	\$ 11,480,000
Ric Williamson Memorial Hwy and Peaster Hwy	\$ -	\$ -	\$ -	\$ 67,000	\$ 573,000	\$ -	\$ 640,000
Fort Worth Highway 12" Water	\$ -	\$ -	\$ -	\$ 220,000	\$ 1,890,000	\$ -	\$ 2,110,000
30" Transmission along Meadowview and Suzanne Trail	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 650,000	\$ 650,000
WTP Pilot & Preliminary Design	\$ 164,045	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 164,045
WTP GAC Contactor Design	\$ 879,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 879,000
WTP GAC Trident Retrofit	\$ 235,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 235,000
WTP GAC Contactor (Construction)	\$ -	\$ 9,300,000	\$ -	\$ -	\$ -	\$ -	\$ 9,300,000
WTP Pretreatment and Raw Water Intake	\$ -	\$ -	\$ 2,700,000	\$ 18,600,000	\$ -	\$ -	\$ 21,300,000
WTP New Clearwell (design only)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,030,000	\$ 1,030,000
FY21 Wholesale Water Rate Study	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000
Total High Priority Projects	\$ 8,578,151	\$ 11,270,000	\$ 3,600,000	\$ 24,777,000	\$ 7,660,000	\$ 5,950,000	\$ 61,835,151

Water Capital Improvement Plan

Project Description	FY19 Est.	FY20	FY21	FY22	FY23	FY24	Total
Other or Long Term Growth Projects							
Kirkpatrick Road Expansion	\$ -	\$ -	\$ 56,500	\$ 387,500	\$ -	\$ -	\$ 444,000
WB Blvd	\$ -	\$ -	\$ 50,000	\$ 343,000	\$ -	\$ -	\$ 393,000
North/South St - Vaughna Dr to I20	\$ -	\$ -	\$ 15,000	\$ 100,000	\$ -	\$ -	\$ 115,000
Spring St Rehabilitation	\$ -	\$ 430,000	\$ -	\$ -	\$ -	\$ -	\$ 430,000
RWMH - University Hills to Dove Hill	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000
Bethel Rd. Expansion	\$ 147,000	\$ 1,013,000	\$ -	\$ -	\$ -	\$ -	\$ 1,160,000
Garner Rd - Vine to RWMH.	\$ -	\$ 75,000	\$ 642,000	\$ -	\$ -	\$ -	\$ 717,000
East Loop Ric Williamson Expansion	\$ 32,000	\$ 218,000	\$ -	\$ -	\$ 710,000	\$ 4,875,000	\$ 5,835,000
Old Mineral Wells Highway Expansion	\$ -	\$ -	\$ -	\$ 50,000	\$ 420,000	\$ -	\$ 470,000
Mineral Wells Highway Expansion	\$ -	\$ -	\$ -	\$ 190,000	\$ 1,625,000	\$ -	\$ 1,815,000
Convert Bedinger Place to Oak Ridge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 690,000	\$ 690,000
College Hill GST (2MG) - Coating	\$ -	\$ 675,000	\$ -	\$ -	\$ -	\$ -	\$ 675,000
Franklin EST (0.25) - Coating	\$ -	\$ 315,000	\$ -	\$ -	\$ -	\$ -	\$ 315,000
West Lake Standpipe (0.1) - Coating	\$ -	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ 140,000
Harberger Hill GST (2) - Coating	\$ -	\$ -	\$ -	\$ 700,000	\$ -	\$ -	\$ 700,000
Miller EST (0.25) - Coating	\$ -	\$ -	\$ 336,000	\$ -	\$ -	\$ -	\$ 336,000
Dubellette EST (0.25) - Coating	\$ -	\$ -	\$ -	\$ 365,000	\$ -	\$ -	\$ 365,000
Dubellette GST (1) - Coating	\$ -	\$ -	\$ 475,000	\$ -	\$ -	\$ -	\$ 475,000
West Park EST (0.5) - Coating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 715,000	\$ 715,000
Total Other Growth Projects	\$ 179,000	\$ 3,216,000	\$ 1,574,500	\$ 2,135,500	\$ 2,755,000	\$ 6,280,000	\$ 16,140,000
Sum Total All Projects	\$ 8,757,151	\$ 14,486,000	\$ 5,174,500	\$ 26,912,500	\$ 10,415,000	\$ 12,230,000	\$ 77,975,151

Wastewater Capital Improvement Plan

Project Description	FY19 Est.	FY20	FY21	FY22	FY23	FY24	Total
Priority Projects							
Reclaimed Water Project	\$ 29,759	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,759
TPDES Permit (LG)	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Oak Street Rehab	\$ 35,673	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,673
1800 Fort Worth Highway Rehab	\$ 24,458	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,458
Wastewater Treatment Plant	\$ 1,238,838	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 1,438,838
1000 FW Highway to Columbia	\$ 5,711	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,711
Lift Station 26	\$ 1,908,028	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,908,028
Town Creek Wastewater Extension	\$ 1,083,017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,083,017
Grand Adventure	\$ 18,420	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,420
North Main Street Rehab	\$ 1,166,050	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,166,050
Downtown Redevelopment	\$ 131,000	\$ 676,000	\$ 40,000	\$ 381,000	\$ 1,092,000	\$ 939,000	\$ 3,259,000
Wastewater Rehab	\$ 118,000	\$ 807,000	\$ -	\$ -	\$ -	\$ -	\$ 925,000
1900 FW Highway Extension	\$ 25,000	\$ 130,000	\$ -	\$ -	\$ -	\$ -	\$ 155,000
Brazos, Russell, Norton St	\$ -	\$ 180,000	\$ 1,230,000	\$ -	\$ -	\$ -	\$ 1,410,000
Rehab Main Trunk Line to WWTP	\$ -	\$ -	\$ -	\$ 3,380,000	\$ -	\$ -	\$ 3,380,000
Rehab Elm St to Franklin St	\$ -	\$ -	\$ -	\$ -	\$ 2,525,000	\$ -	\$ 2,525,000
Misc WW Rehab	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 470,000	\$ 970,000
Lift Station 1	\$ 170,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 170,000
Lift Station 12	\$ 135,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 135,000
Lift Station 20	\$ -	\$ 115,000	\$ -	\$ -	\$ -	\$ -	\$ 115,000
Lift Station 3	\$ -	\$ -	\$ 360,000	\$ -	\$ -	\$ -	\$ 360,000
Lift Station 9	\$ -	\$ -	\$ -	\$ 215,000	\$ -	\$ -	\$ 215,000
Lift Station 17	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000
Lift Station 15	\$ -	\$ -	\$ -	\$ -	\$ 1,650,000	\$ -	\$ 1,650,000
Total High Priority Projects	\$ 6,238,953	\$ 2,008,000	\$ 2,230,000	\$ 4,076,000	\$ 5,367,000	\$ 1,409,000	\$ 21,328,953

Wastewater Capital Improvement Plan

Project Description	FY19 Est.	FY20	FY21	FY22	FY23	FY24	Total
Other or Long Term Growth Projects							
I-20 Crossing near Home Depot	\$ 210,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 210,000
Kirkpatrick Road	\$ -	\$ -	\$ 62,000	\$ 425,000	\$ -	\$ -	\$ 487,000
WB Blvd	\$ -	\$ -	\$ 50,000	\$ 343,000	\$ -	\$ -	\$ 393,000
12" WW along Rail Road	\$ -	\$ -	\$ -	\$ -	\$ 343,000	\$ 2,353,000	\$ 2,696,000
Sanches Creek Extension	\$ -	\$ -	\$ 1,535,000	\$ -	\$ -	\$ -	\$ 1,535,000
Old Brock Road Extension	\$ 315,000	\$ 2,145,000	\$ -	\$ -	\$ -	\$ -	\$ 2,460,000
New Gravity Main	\$ -	\$ -	\$ -	\$ -	\$ 2,440,000	\$ -	\$ 2,440,000
Wendy Lane Extension	\$ -	\$ -	\$ -	\$ -	\$ 1,175,000	\$ -	\$ 1,175,000
Center Point Development	\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ 750,000
Total Other Growth Projects	\$ 525,000	\$ 2,895,000	\$ 1,647,000	\$ 768,000	\$ 3,958,000	\$ 2,353,000	\$ 12,146,000
Sum Total All Projects	\$ 6,763,953	\$ 4,903,000	\$ 3,877,000	\$ 4,844,000	\$ 9,325,000	\$ 3,762,000	\$ 33,474,953

Debt Service Summary

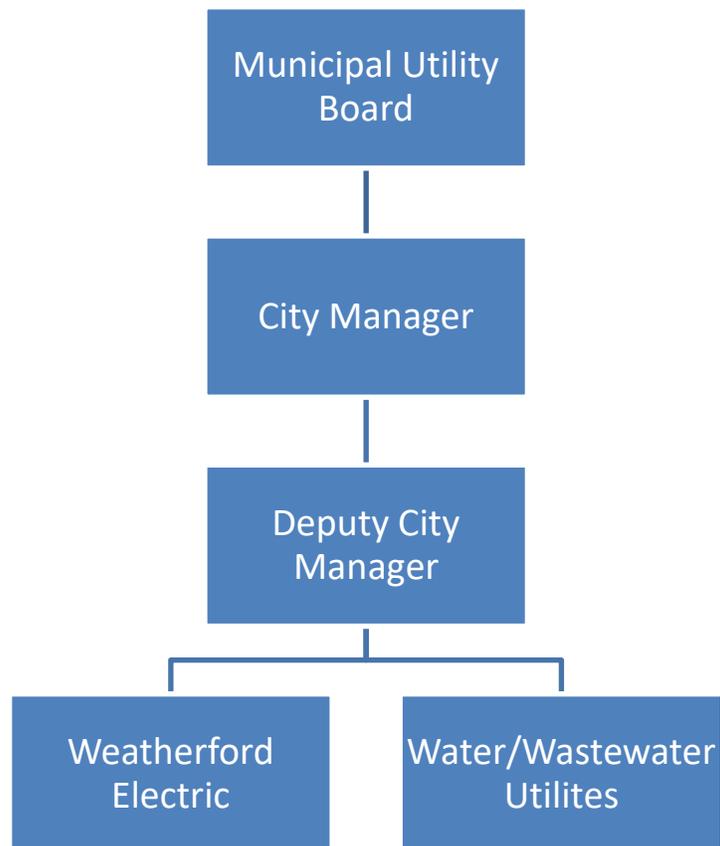
Municipal Utility Fund Summary

The Municipal Utility Fund has more budgeted expenditures than any other fund. Enterprise funds are accounting units that operate similarly to private business entities. The intent of the governing body is to finance the provision goods or services to the public on a continuing basis through user charges. Funding for utility system operations comes from monthly billing to customers for the utility services delivered.

In addition to the three utilities (Electric, Water, and Wastewater), this fund also includes operational costs for utility billing services and internal administrative services.

The governing board is responsible for providing oversight and setting service rates such that ongoing operations, capital repair and expansion, and reserves are all maintained at an adequate level.

Organizational Chart



**Appendix:
Debt Service Schedule**

Utility Debt Summary

The Municipal Utility currently maintains 212 miles of sanitary sewer, 281 miles of water mains, and 342 miles of electric distribution lines. This widespread infrastructure network depreciates over time, and must be repaired and replaced when necessary. While routine repairs are budgeted on an annual basis, large-scale improvements carry a much higher price tag, and it is not possible for the Municipal Utility to pay for those through the operating fund. For these expenses, the fund will issue revenue bonds.

Bonds are a debt-financing instrument whereby the principle of the bonds are amortized over a period of time (typically 20 years), during which time interest is charged annually. For utility revenue bonds, the annual principle and interest payments are covered through Water, Wastewater, and Electric utility fees, which are set by the Municipal Utility Board. All principle and interest payments are made out of the Utility Debt Service Fund. Limitations on the amount of debt allowed to be outstanding at any one time for the utility are governed by the availability of service charge revenue. Each bond issue carries with it a legally binding coverage ratio, whereby the utility's net revenue must be able to meet a coverage requirement for its annual debt principle and interest payments before it can issue additional debt. The utility's coverage ratio for its outstanding debt is 1.25 times the average annual debt requirement, and 1.10 times the maximum annual requirement. A summary of the FY20 debt service fund can be found below, and a detailed summary of each bond issue still outstanding follows.

Utility System Revenue Refunding Bonds

Utility Debt Service Fund Summary (24)

Fund Balance 9/30/2018	583,625
Revenues Projected FY19	4,891,050
Expenses Projected FY19	4,861,050
Current Year-End Projection Fund Balance	613,625
Revenues Projected FY20	4,857,300
Expenses Projected FY20	4,857,300
Projected Year-End Fund Balance FY20	613,625

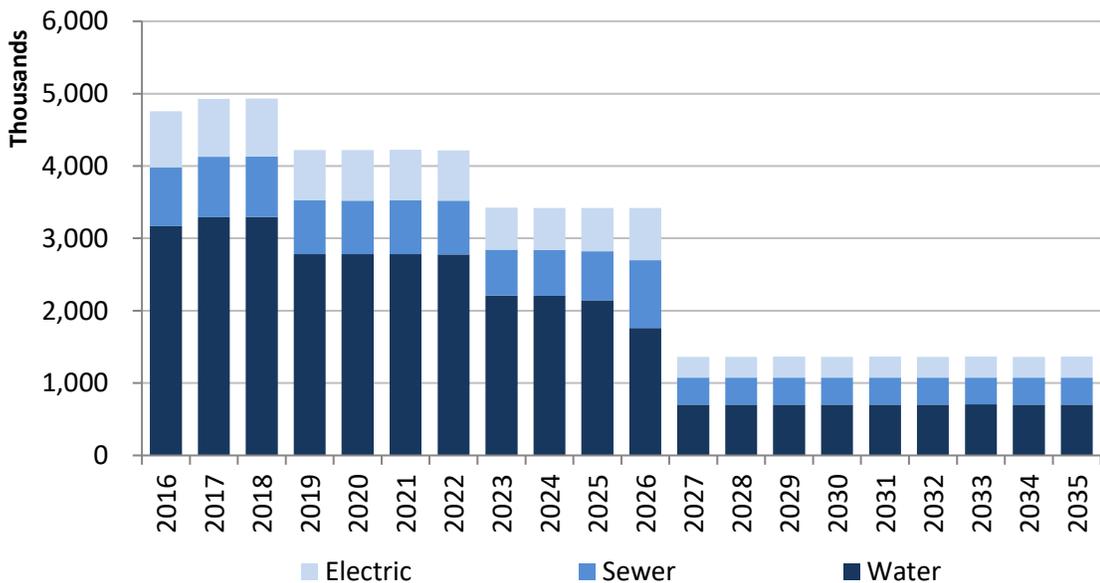
**Appendix:
Debt Service Schedule**

Utility System Revenue Refunding Bonds - Series 2015

Future Debt Requirements

Year Ending	Principal	Interest	Interest	Total
09/30	Due 09/01	Due 03/01	Due 09/01	Requirement
2020	2,805,000	706,344	706,344	4,217,688
2021	2,950,000	636,219	636,219	4,222,438
2022	3,090,000	562,469	562,469	4,214,938
2023	2,455,000	485,219	485,219	3,425,438
2024	2,570,000	423,844	423,844	3,417,688
2025	2,700,000	359,594	359,594	3,419,188
2026	2,835,000	292,094	292,094	3,419,188
2027	920,000	221,219	221,219	1,362,438
2028	950,000	206,269	206,269	1,362,538
2029	985,000	190,238	190,238	1,365,475
2030	1,015,000	173,000	173,000	1,361,000
2031	1,070,000	147,625	147,625	1,365,250
2032	1,120,000	120,875	120,875	1,361,750
2033	1,180,000	92,875	92,875	1,365,750
2034	1,235,000	63,375	63,375	1,361,750
2035	1,300,000	32,500	32,500	1,365,000
2035	29,180,000	4,713,759	4,713,759	38,607,517

Total Debt Service by Utility



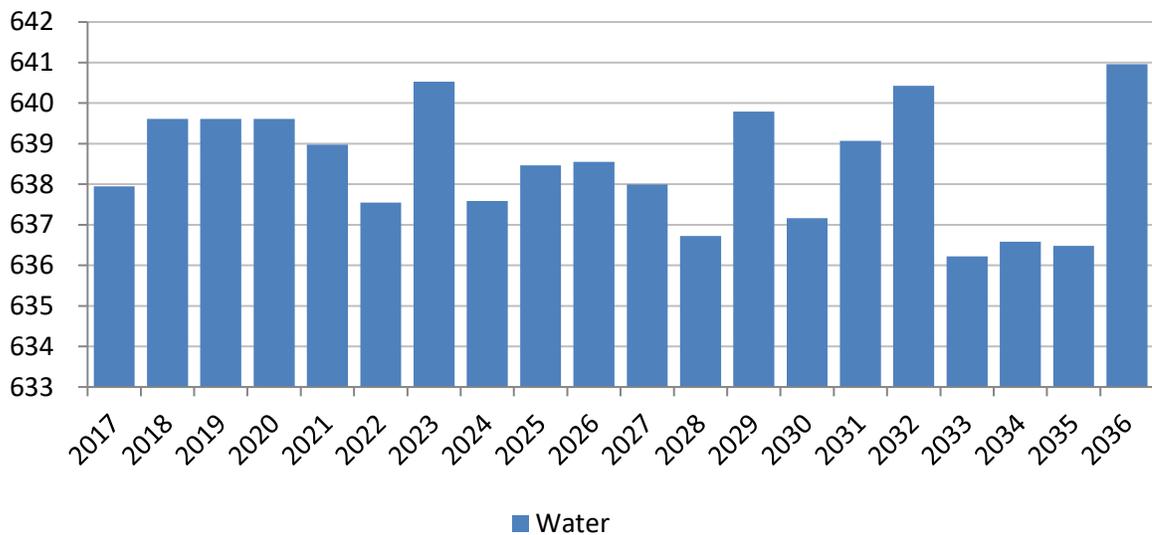
**Appendix:
Debt Service Schedule**

Tarrant Regional Water District Bonds

Future Debt Requirements

Year Ending	Principal	Interest	Interest	Total
09/30	Due 09/01	Due 03/01	Due 09/01	Requirement
2020	530,000	54,806	54,806	639,612
2021	530,000	54,488	54,488	638,976
2022	530,000	53,773	53,773	637,545
2023	535,000	52,766	52,766	640,531
2024	535,000	51,294	51,294	637,589
2025	540,000	49,235	49,235	638,469
2026	545,000	46,778	46,778	638,555
2027	550,000	43,998	43,998	637,996
2028	555,000	40,863	40,863	636,726
2029	565,000	37,394	37,394	639,789
2030	570,000	33,581	33,581	637,161
2031	580,000	29,534	29,534	639,067
2032	590,000	25,213	25,213	640,425
2033	595,000	20,611	20,611	636,221
2034	605,000	15,791	15,791	636,582
2035	615,000	10,739	10,739	636,479
2036	630,000	5,481	5,481	640,962
	9,600,000	626,342	626,342	10,852,684

Total Debt Service by Utility



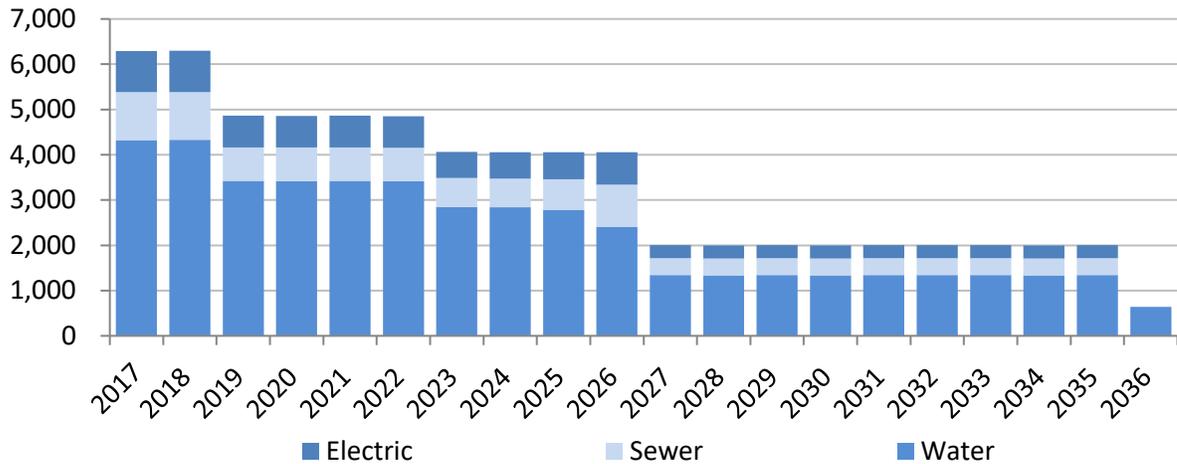
**Appendix:
Debt Service Schedule**

Utility System Revenue Bonds

Future Debt Requirements

Year Ending	Principal	Interest	Interest	Total
09/30	Due 09/01	Due 03/01	Due 09/01	Requirement
2020	3,335,000	761,150	761,150	4,857,300
2021	3,480,000	690,707	690,707	4,861,414
2022	3,620,000	616,242	616,242	4,852,483
2023	2,990,000	537,985	537,985	4,065,969
2024	3,105,000	475,138	475,138	4,055,277
2025	3,240,000	408,829	408,829	4,057,657
2026	3,380,000	338,872	338,872	4,057,743
2027	1,470,000	265,217	265,217	2,000,434
2028	1,505,000	247,132	247,132	1,999,264
2029	1,550,000	227,632	227,632	2,005,264
2030	1,585,000	206,581	206,581	1,998,161
2031	1,650,000	177,159	177,159	2,004,317
2032	1,710,000	146,088	146,088	2,002,175
2033	1,775,000	113,486	113,486	2,001,971
2034	1,840,000	79,166	79,166	1,998,332
2035	1,915,000	43,239	43,239	2,001,479
2036	630,000	5,481	5,481	640,962
38,780,000	5,340,100	5,340,100	49,460,201	

Total Debt Service by Utility



This page left blank.



Supplemental Requests

ELECTRIC UTILITY

2020 Funded Supplemental Requests

Program	Type	One-time amount funded	Ongoing Cost	Total Cost
COSI - Seminars & Training (424-305)	General Increase	\$0.00	\$7,500.00	\$7,500.00
COSI - Travel Expense (424-311)	General Increase	\$0.00	\$3,500.00	\$3,500.00
COSI - Tree Trimming (424-316)	General Increase	\$0.00	\$200,000.00	\$200,000.00
COSI - Tree Trimming (440-316)	General Increase	\$40,000.00	\$20,000.00	\$60,000.00
NEP - AT&T Pole Attachment Agreement (424-303)	Contract Service	\$20,000.00	\$0.00	\$20,000.00
NEP - Partner Software (424-306)	Contract Service	\$23,000.00	\$0.00	\$23,000.00
NEP - Pole Attachment Audit (424-306)	Contract Service	\$20,000.00	\$0.00	\$20,000.00
NEP - Service Center Guardrail Replacement (426-426)	Repair/Replacement	\$22,000.00	\$0.00	\$22,000.00
NEP - Service Center Paving Replacement (426-426)	Repair/Replacement	\$56,000.00	\$0.00	\$56,000.00
NEP - SpidaCalc Software (424-306)	Small Tools	\$8,000.00	\$3,800.00	\$11,800.00
NEP - Warehouse Bar Coding System (426-426)	Software	\$24,200.00	\$800.00	\$25,000.00
VER - Backyard Digger Derrick/Aerial Lift (424-415)	Vehicle/Equipment	\$182,500.00	\$0.00	\$182,500.00
Total		\$395,700.00	\$235,600.00	\$631,300.00
General Increase		\$40,000.00	\$231,000.00	\$271,000.00
Contract Service		\$63,000.00	\$0.00	\$63,000.00
Small Tools		\$8,000.00	\$3,800.00	\$11,800.00
Repair/Replacement		\$78,000.00	\$0.00	\$78,000.00
Vehicle/Equipment		\$182,500.00	\$0.00	\$182,500.00
Software		\$24,200.00	\$800.00	\$25,000.00
Total		\$395,700.00	\$235,600.00	\$631,300.00

ELECTRIC UTILITY

2020 Non-Funded Supplemental Requests

Program	Type	One-Time requested amount	Ongoing requested amount	Total Cost
COSI - Supplies	Supplies	\$0.00	\$3,500.00	\$3,500.00
Lineman Helper Position Upgrade	Personnel	\$0.00	\$26,000.00	\$26,000.00
Junior Engineer	Personnel	\$0.00	\$92,248.00	\$92,248.00
Outage Management System w/Dispatcher	Software	\$22,500.00	\$120,600.00	\$143,100.00
Service Center Conduit Shed	Repair/Replacement	\$30,000.00	\$0.00	\$30,000.00
COSI - Elec Lines/Service	Supplies	\$0.00	\$35,500.00	\$35,500.00
COSI - Dues/Memberships	Supplies	\$0.00	\$1,000.00	\$1,000.00
COSI - Heavy Construction Equipment	Repair/Replacement	\$0.00	\$12,000.00	\$12,000.00
COSI - Substation Maintenance	Repair/Replacement	\$0.00	\$1,960.00	\$1,960.00
COSI - Transformers	Repair/Replacement	\$0.00	\$7,000.00	\$7,000.00
Lineman Helper	Personnel	\$0.00	\$36,426.00	\$36,426.00
Total		\$52,500.00	\$336,234.00	\$388,734.00

WATER & WASTEWATER UTILITES

2020 Funded Supplemental Requests

Program	Type	One-time amount funded	Ongoing Cost	Total Cost
400hp High Service Pump Replacement	Vehicle/Equipment	\$83,000.00	\$0.00	\$83,000.00
Camera Cable	Supplies	\$7,773.00	\$0.00	\$7,773.00
Review of Developments and CIP Project Management	Contract Service	\$0.00	\$100,000.00	\$100,000.00
Lift Station #17 Backup Pump	Repair/Replacement	\$30,750.00	\$0.00	\$30,750.00
Sludge Hauling	Contract Service	\$34,717.00	\$0.00	\$34,717.00
Trench Roller	Vehicle/Equipment	\$30,643.00	\$0.00	\$30,643.00

WATER & WASTEWATER UTILITES

2020 Funded Supplemental Requests

Program	Type	One-time amount funded	Ongoing Cost	Total Cost
Unit 2336 Replacement	Vehicle/Equipment	\$39,148.00	\$0.00	\$39,148.00
3/4 ton truck with Utility Bed - Replacing 2003 Van	Vehicle/Equipment	\$43,491.00	\$0.00	\$43,491.00
COSI - Clean tanks/Inspections	Repair/Replacement	\$0.00	\$10,000.00	\$10,000.00
COSI - Vehicle/Equipment Parts	Repair/Replacement	\$0.00	\$33,600.00	\$33,600.00
COSI - Misc Supplies	Repair/Replacement	\$0.00	\$5,000.00	\$5,000.00
COSI - Water Mains/Services	Repair/Replacement	\$0.00	\$21,900.00	\$21,900.00
COSI - Sanitary Sewers	Repair/Replacement	\$0.00	\$6,500.00	\$6,500.00
COSI - Valves & Hydrants	Repair/Replacement	\$0.00	\$6,500.00	\$6,500.00
COSI - Professional Services	Repair/Replacement	\$0.00	\$15,000.00	\$15,000.00
COSI - Equipment Parts	Repair/Replacement	\$0.00	\$11,000.00	\$11,000.00
COSI - Pumps and Controls	Repair/Replacement	\$0.00	\$10,000.00	\$10,000.00
COSI - Plant Equipment Maintenance	Repair/Replacement	\$0.00	\$1,100.00	\$1,100.00
Welcome Packet	Supplies	\$3,500.00	\$2,500.00	\$6,000.00
Total		\$273,022.00	\$223,100.00	\$496,122.00
Vehicle/Equipment		\$196,282.00	\$0.00	\$196,282.00
Repair/Replacement		\$30,750.00	\$120,600.00	\$151,350.00
Contract Service		\$34,717.00	\$100,000.00	\$134,717.00
Supplies		\$11,273.00	\$2,500.00	\$13,773.00
Total		\$273,022.00	\$223,100.00	\$496,122.00

WATER & WASTEWATER UTILITES

2020 Non-Funded Supplemental Requests

Program	Type	One-Time requested amount	Ongoing requested amount	Total Cost
Engineering Tech	Personnel	\$3,488.00	\$65,712.00	\$69,200.00
Total		\$3,488.00	\$65,712.00	\$69,200.00

Appendix: Transfer Calculations and Sample Ordinance

Transfer Calculations

Return on Investment Transfer Calculations

	Est Volume	Unit Rate	Transfer
Electric kWh Sales	436,438,424	0.0056	2,444,055
Water Sales (1,000 gallons)	1,238,299	0.2469	305,736
Wastewater Treated (1,000 gallons)	784,620	0.2716	213,103

Gross Receipts Charge Transfer Calculations

	Est Volume	Unit Rate	Transfer
Electric kWh Sales	436,438,424	0.0044	1,920,329
Water Sales (1,000 gallons)	1,238,299	0.2223	275,274
Wastewater Treated (1,000 gallons)	784,620	0.1975	154,963

Water Transfer Calculations

	Est Volume	Unit Rate	Transfer
Commercial/Industrial Water (cu ft)	2,000,000	0.01	20,000

Administrative Transfer Calculations

Department	Proposed Budget	Percent Allocated	Amount Allocated	Transfer Allocation Based on System Costs & Direct Expenditures		
				Electric	Water	Wastewater
City Attorney	327,964	13%	41,820	20,910	10,455	10,455
Fleet Maintenance	122,876	17%	21,157	10,579	5,289	5,289
Information Technology	3,205,169	36%	1,167,969	705,656	231,157	231,157
Emergency Management	301,649	46%	139,342	69,671	34,836	34,836
Finance	630,930	46%	291,449	145,724	72,862	72,862
Human Resources	477,968	42%	198,442	87,485	58,679	52,278
Economic Development	334,030	46%	154,300	77,150	38,575	38,575
360 Agreements*	960,000	50%	480,000	240,000	120,000	120,000
Marketing/Comms	267,270	46%	123,461	61,731	30,865	30,865
City Manager's Office	1,356,713	46%	626,713	313,357	156,678	156,678
City Hall (deduction)	(65,304)	100%	(65,304)	12,340	6,170	6,170
Lake Maintenance	280,000	100%	280,000	-	280,000	-
Audit	55,000	45%	24,681	(32,652)	(16,326)	(16,326)
Total	8,254,265		3,484,031	1,711,951	1,029,241	742,839

*These are considered non-recurring

Summary of All Transfers

Type	Actual FY17	Actual FY18	Projected FY19	Adopted FY20	Increase / (Decrease)
Gross Receipts Fee	2,149,889	2,366,813	2,273,131	2,350,566	77,434
Return on Investment	2,714,776	2,977,704	2,859,843	2,962,894	103,052
Street Maintenance Transfer	11,851	21,636	21,636	20,000	(1,636)
Administrative Services	2,132,812	2,377,477	2,811,526	3,484,031	672,505
	7,009,328	7,743,629	7,966,136	8,817,491	851,355