

FY17 Proposed Budget City Manager's Message

July 28, 2016

To: Board of Trustees of the Weatherford Municipal Utility System

In accordance with Article X, Section 4 of the Weatherford City Charter, the FY17 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, 2016, through September 30, 2017. 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 FY17 are \$28.6 million, \$16.18 million, and \$6.58 million, respectively. This total of \$51.36 million in operating revenues is a decrease of 1.2% from the FY15 adopted budget, and an increase of 5.1% from current end-of-year projections. This reflects predominately an expected decrease in the cost of purchased power from the FY16 budget, modest increases in customer count in accordance with historical figures, and the third and final round of substantial rate increases for the water and wastewater utilities. As with FY16, 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's action during FY14. The budget submitted herein places the ending working capital balance for September 30, 2016, at \$7,681,375, or 98 days of operations. This balance includes the mandated ninety-day target reserve of \$7,069,050.

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

- Electric Vehicle and Substation Reserve of \$1,890,000 (including FY17 contributions)
- Lake Capital Reserve of approximately \$871,646 (including FY17 contributions)
- Tarrant Regional Water District Pumping Reserves of \$1,434,700 (including FY17 contributions)

The total proposed budget for the Weatherford Municipal Utility is \$51.8 million, including \$540,143 in various non-recurring expenses. 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. Adjustments were made to create a cleaner budgeting process and help place the utility fund in a position to better plan for long-term sustainability. Additionally, this budget also includes new and expanded programs which will provide better services, more efficient operations, and improved morale among staff members. Among those changes 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 forthcoming Texas Water Development Board bond issuance)
- A non-recurring pay package for employees, be distributed on a one-time basis during FY17;
- Significant increases in reserve funding for large capital electric system projects and vehicle/equipment replacement;
- Reserving approximately \$4.78 million and \$1.3 million in water and wastewater revenue from the third and final round of rate adjustments for system improvements;
- Needed maintenance to important water/wastewater systems, and
- Two new full-time employees (one Maintenance Worker for Water/Wastewater, and one Lineman Helper for Electric.)

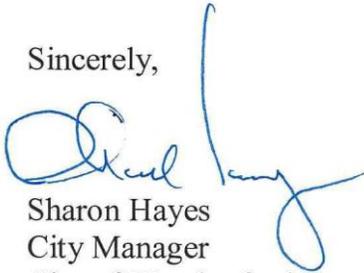
Prior to FY15, the Utility Board and City Council approved a three-year rate adjustment plan for water and wastewater utilities. While each separate rate class carries with it different adjustments, below is an approximation of the total increases the adjustments are anticipated to bring in (holding consumption constant):

	FY15	FY16	FY17
Water	21.5%	15.5%	17.5%
Wastewater	13%	7.5%	16%

Board direction was to reserve the incremental revenue from these adjustments for two purposes: new debt service and cash-funding the water/wastewater capital improvement plan. At the end of FY17, it is projected that the water utility will have set aside a total of \$9.26 million and the wastewater utility will have set aside \$2.48 million. While stark consumption decreases in FY15 initially made it difficult to set dollars aside for these purposes, the current fiscal year has managed to set the Utilities' capital plans back on track. The current five-year forecast included in this document projects close to \$30 million collected for the Water Utility and \$8 million for the wastewater utility by FY21. These projections assume only modest increases in consumption, and also reflect a substantial debt issuance being paid off in FY18.

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 Assistant City Manager James Hotopp, who provided invaluable assistance during this process. The Weatherford Municipal Utility has achieved great things during the current fiscal year. 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

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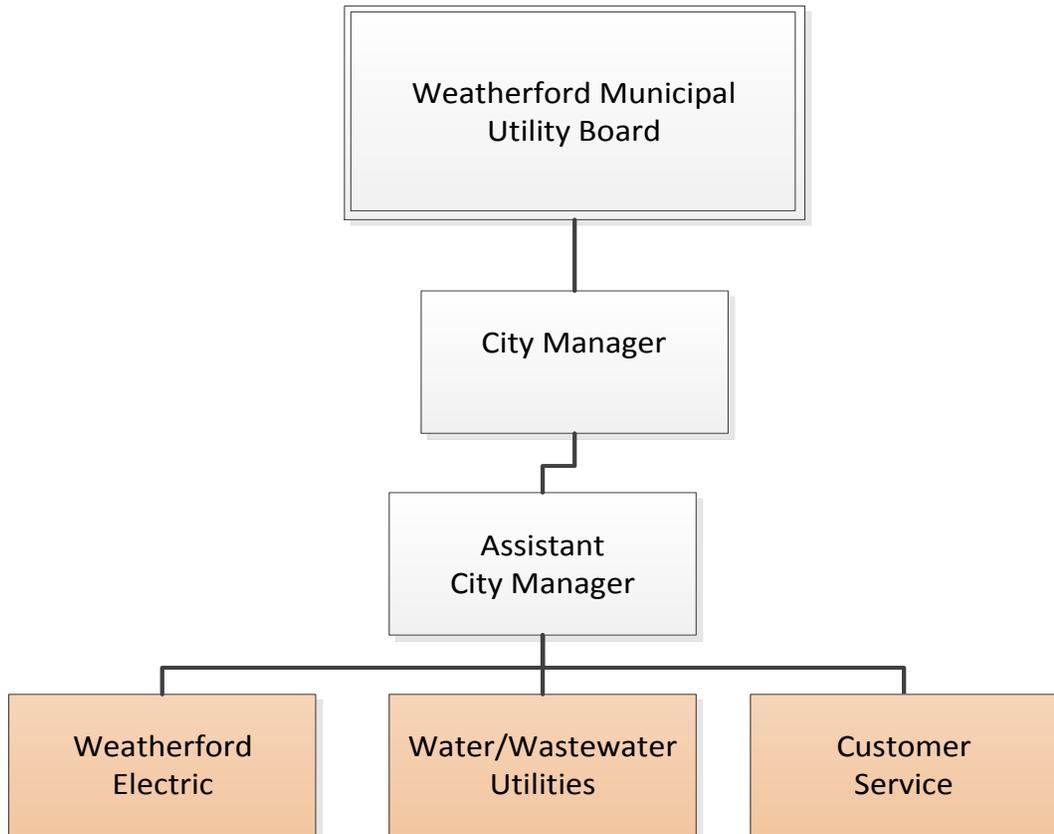
Municipal Utility Fund Summary

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
FY17 Program of Services**

**Municipal Utility Fund Summary
FY17 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	3.3%	38.4%	30.4%	27.9%

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 FY17 allocations for these cost centers is below.

Water/Wastewater Administration *Cost Center: 402*

Water is allocated 50% of the 100 accounts, 68% of the 200 accounts, and 50% of the 300 accounts.

Wastewater is allocated 50% of the 100 accounts, 32% 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, 53% of the 300 accounts, and 69% of the 400 accounts.

Wastewater is allocated 50% of the 100 accounts, 45% of the 200 accounts, 47% of the 300 accounts, and 31% 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 49% of the 400 accounts.

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



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**City of Weatherford
FY17 Program of Services**

**Municipal Utility Fund Summary
Revenue and Expense Summary**

	Actual FY14	Actual FY15	Adopted FY16	Projected FY16	Proposed FY17
Beginning Available Working Capital	13,274,899	10,518,224	11,233,568	11,233,568	8,113,401
Revenue					
Electric Utility					
Sale of Power	37,460,703	34,291,324	32,739,592	28,240,144	27,711,794
Interest & Other	795,989	6,323,371	886,308	828,869	886,308
<i>Subtotal Electric</i>	<u>38,256,692</u>	<u>40,614,695</u>	<u>33,625,900</u>	<u>29,069,013</u>	<u>28,598,102</u>
Water Utility					
Sale of Water - Retail	8,673,334	10,503,088	11,865,000	12,885,000	15,075,450
Sale of Water - Wholesale	59,664	85,641	60,000	59,450	60,000
Lake Lot Licenses	922,210	926,799	917,000	917,000	917,000
Water Taps	3,665	1,160	3,500	3,500	3,500
Interest & Other	724,624	9,937,873	125,660	183,243	125,660
<i>Subtotal Water</i>	<u>10,383,496</u>	<u>21,454,561</u>	<u>12,971,160</u>	<u>14,048,193</u>	<u>16,181,610</u>
Wastewater Utility					
Service Fees - Retail	4,360,033	4,810,450	5,199,775	5,550,000	6,417,250
Service Fees - Wholesale	132,441	125,771	130,000	141,194	130,000
Wastewater Tap Fees	2,540	2,090	1,200	2,090	1,200
Pre-Treatment Fees	23,622	29,217	26,000	35,000	26,000
Interest & Other	14,487	4,762,271	10,245	24,709	10,245
<i>Subtotal Wastewater</i>	<u>4,533,122</u>	<u>9,729,800</u>	<u>5,367,220</u>	<u>5,752,993</u>	<u>6,584,695</u>
Total Revenue	<u><u>53,173,310</u></u>	<u><u>71,799,055</u></u>	<u><u>51,964,280</u></u>	<u><u>48,870,198</u></u>	<u><u>51,364,407</u></u>
Expenses					
Electric					
Administration	280,291	246,447	237,831	233,836	246,553
Fiber	285	153,378	179,400	178,737	170,971
Distribution	5,708,676	5,730,512	6,211,781	6,058,624	5,960,640
Production	7,589	5,386	11,850	11,850	11,850
Warehouse	246,542	300,062	624,353	598,185	367,384
Non Departmental	31,089,332	32,665,163	26,171,969	21,450,270	20,515,403
<i>Subtotal Electric</i>	<u>37,332,715</u>	<u>39,100,949</u>	<u>33,437,184</u>	<u>28,531,501</u>	<u>27,272,803</u>
Finance					
Customer Service	1,175,970	1,180,919	1,186,364	1,194,482	1,161,393
<i>Subtotal Finance</i>	<u>1,175,970</u>	<u>1,180,919</u>	<u>1,186,364</u>	<u>1,194,482</u>	<u>1,161,393</u>
Information Technology					
Information Technology	512	-	-	-	-
<i>Subtotal Information Technology</i>	<u>512</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Water					
Administration	294,092	363,121	480,723	421,304	503,412
Water Treatment Plant	3,179,194	2,265,169	2,728,316	2,652,233	2,755,016
Water/WW Maintenance	1,189,580	1,150,927	1,119,800	1,172,236	1,213,915
Water/WW Rehabilitation	348,230	230,807	403,950	403,234	449,602
Engineering	215,857	237,033	320,882	295,997	235,383
Non Departmental	4,726,732	17,595,018	5,257,126	5,165,391	5,224,557
<i>Subtotal Water</i>	<u>9,953,685</u>	<u>21,842,076</u>	<u>10,310,797</u>	<u>10,110,394</u>	<u>10,381,885</u>

**City of Weatherford
FY17 Program of Services**

**Municipal Utility Fund Summary
Revenue and Expense Summary**

	Actual FY14	Actual FY15	Adopted FY16	Projected FY16	Proposed FY17
Wastewater					
Administration	294,092	363,121	450,278	390,858	484,076
Water/WW Maintenance	1,446,745	1,016,504	988,424	941,867	1,054,861
Water/WW Rehabilitation	375,562	363,159	412,950	412,234	458,602
Engineering	215,857	237,033	320,882	295,997	235,383
SIB Loan*	-	-	-	-	-
Wastewater Treatment Plant	951,803	827,685	970,959	938,246	1,018,480
Non Departmental	1,525,733	6,760,957	1,789,393	1,757,283	1,843,950
<i>Subtotal Wastewater</i>	<u>4,809,792</u>	<u>9,568,460</u>	<u>4,932,887</u>	<u>4,736,485</u>	<u>5,095,352</u>
Total Expenses	<u>53,272,674</u>	<u>71,692,403</u>	<u>49,867,232</u>	<u>44,572,862</u>	<u>43,911,433</u>
Revenue Over/(Under) Expenses	(99,364)	106,652	2,097,048	4,297,336	7,452,974
Inter-Fund Transactions and Balance Sheet Adjustments*					
GAAP & Change in Non Budgetary					
Working Capital Adjustments	-	108,691			
Release Reserved Fund Balance	-	500,000			
Contributions to Electric Reserves	-		(1,000,000)	(1,000,000)	(890,000)
Contributions to Capital/Lake Lot Reserves	(907,311)		(2,917,000)	(4,617,503)	(6,995,000)
Contribution to AMI (Electric)	(875,000)			-	
Contributions to AMI (Water)	(875,000)			(1,800,000)	
Transfer to Bond Fund	-				
Ending Working Capital	<u>10,518,224</u>	<u>11,233,568</u>	<u>9,413,616</u>	<u>8,113,401</u>	<u>7,681,375</u>
Ending Days	136.05	145.30	120.75	104.07	97.80
				Non-Operating Revenues	7,885,000
				Non-Operating Costs	540,143
				Operating Revenues	43,479,407
				Operating Costs	<u>43,371,290</u>
				Ongoing Surplus	108,117
				90 Day Target Reserve	(7,069,050)
				Available Working Capital	612,325
				One Day Cost (Ongoing Costs/365)	78,545
				Total Working Days	98
				Working Days, Less Vehicle Reserves	98
				Target Reserve	90
				Available Working Capital	8

*Most of these costs are budgeted in the various non-departmental divisions.

**City of Weatherford
FY17 Program of Services**

**Municipal Utility Fund Summary
FY17 Operating Position - Electric Utility**

	Actual FY14	Actual FY15	Adopted FY16	Projected FY16	Proposed FY17
Revenue					
Electric Utility					
Sale of Power	37,460,703	34,291,324	32,739,592	28,240,144	27,711,794
Interest & Other	795,989	6,323,371	886,308	828,869	886,308
Total Revenue	38,256,692	40,614,695	33,625,900	29,069,013	28,598,102
Expenses					
Electric					
Administration	280,291	246,447	237,831	233,836	246,553
Fiber	285	153,378	179,400	178,737	170,971
Distribution	5,708,676	5,730,512	6,211,781	6,058,624	5,960,640
Production	7,589	5,386	11,850	11,850	11,850
Warehouse	246,542	300,062	624,353	598,185	367,384
Non Departmental	31,089,332	32,665,163	26,171,969	21,450,270	20,515,403
<i>Subtotal Electric</i>	<i>37,332,715</i>	<i>39,100,949</i>	<i>33,437,184</i>	<i>28,531,501</i>	<i>27,272,803</i>
Allocated Functions					
Customer Service	470,388	472,368	470,986	474,209	461,073
Information Technology	171	-	-	-	-
<i>Subtotal Allocated Functions</i>	<i>470,559</i>	<i>472,368</i>	<i>470,986</i>	<i>474,209</i>	<i>461,073</i>
Total Expenses	37,803,274	39,573,316	33,908,171	29,005,710	27,733,875
OTHER ITEMS					
Contribution to AMI	(875,000)		-	-	-
Contribution to Capital Reserves			(1,000,000)	(1,000,000)	(890,000)
Release of Reserved Fund Balance (Substation)		500,000			
Contribution to PCAF Reserve					
Revenue Over/(Under) Expenses	(421,581)	1,541,379	(1,282,271)	(936,697)	(25,773)
			One-Time Expenses	968,985	
			Ongoing Revenues	27,708,102	
			Ongoing Expenses	27,654,890	
			Net Operating Gain/(Loss)	53,212	
			Days Cost	35,486.01	
			90-Day Reserve	3,193,741	

City of Weatherford
FY17 Program of Services

Municipal Utility Fund Summary
FY17 Operating Position - Electric Utility

	Actual FY14	Actual FY15	Adopted FY16	Projected FY16	Proposed FY17
Electric Repair & Replacement/Capital					
	Actual FY14	Actual FY15	Adopted FY16	Projected FY16	Proposed FY17
Beginning Balance	-	-	5,001,527	5,001,527	12,952
Revenue					
Electric Utility					
Bond Proceeds	-	5,000,000	-	-	-
Sale of Electricity	-	-	-	-	-
Other Miscellaneous	-	1,527	-	11,425	-
Total Revenue	-	5,001,527	-	11,425	-
Expenses					
Electric					
Repair/Replacements	-	-	5,000,000	5,000,000	12,952
Total Expenses	-		5,000,000	5,000,000	12,952
Revenue Over/(Under) Expenses	-	5,001,527	(5,000,000)	(4,988,575)	(12,952)
Ending Balance	-	5,001,527	1,527	12,952	-

**City of Weatherford
FY17 Program of Services**

**Municipal Utility Fund Summary
FY17 Operating Position - Water Utility**

	Actual FY14	Actual FY15	Adopted FY16	Projected FY16	Proposed FY17
Revenue					
Water Utility					
Sale of Water - Retail	8,673,334	10,503,088	11,865,000	12,885,000	15,075,450
Sale of Water - Wholesale	59,664	85,641	60,000	59,450	60,000
Lake Lot Licenses	922,210	926,799	917,000	917,000	917,000
Water Taps	3,665	1,160	3,500	3,500	3,500
Interest & Other	724,624	9,937,873	125,660	183,243	125,660
Total Revenue	10,383,496	21,454,561	12,971,160	14,048,193	16,181,610
Expenses					
Water					
Administration	294,092	363,121	480,723	421,304	503,412
Water Treatment Plant	3,179,194	2,265,169	2,728,316	2,652,233	2,755,016
Water/WW Maintenance	1,189,580	1,150,927	1,119,800	1,172,236	1,213,915
Water/WW Rehabilitation	348,230	230,807	403,950	403,234	449,602
Engineering	215,857	237,033	320,882	295,997	235,383
SIB Loan	-	-	-	-	-
Lake Maintenance	-	-	-	-	-
Non Departmental	4,726,732	17,595,018	5,257,126	5,165,391	5,224,557
<i>Subtotal Water</i>	<i>9,953,685</i>	<i>21,842,076</i>	<i>10,310,797</i>	<i>10,110,394</i>	<i>10,381,885</i>
Allocated Functions					
Customer Service	364,551	366,085	372,518	375,067	364,677
Information Technology	171	-	-	-	-
<i>Subtotal Allocated Functions</i>	<i>364,721</i>	<i>366,085</i>	<i>372,518</i>	<i>375,067</i>	<i>364,677</i>
Total Expenses	10,318,406	22,208,161	10,683,315	10,485,461	10,746,563
OTHER ITEMS					
Transfer to Bond Fund					
Transfer From Bond Fund					
Contribution to AMI	(875,000)		(1,800,000)	(1,800,000)	
Contribution to CIP/R&R			(1,700,000)	(2,989,244)	(4,748,000)
Contribution Lake Lot Reserve	(907,311)		(200,000)	(200,000)	(200,000)
Lake Lot Contribution to CIP			(717,000)	(717,000)	(717,000)
Contribution to TRWD Reserve					
Revenue Over/(Under) Expenses	(1,717,221)	(753,600)	(2,129,155)	(2,143,513)	(229,953)

**City of Weatherford
FY17 Program of Services**

**Municipal Utility Fund Summary
FY17 Operating Position - Wastewater Utility**

	Actual FY14	Actual FY15	Adopted FY16	Projected FY16	Proposed FY17
Revenue					
Wastewater Utility					
Service Fees - Retail	4,360,033	4,810,450	5,199,775	5,550,000	6,417,250
Service Fees - Wholesale	132,441	125,771	130,000	141,194	130,000
Wastewater Tap Fees	2,540	2,090	1,200	2,090	1,200
Pre-Treatment Fees	23,622	29,217	26,000	35,000	26,000
Interest & Other	14,487	4,762,271	10,245	24,709	10,245
Total Revenue	4,533,122	9,729,800	5,367,220	5,752,993	6,584,695
Expenses					
Wastewater					
Administration	294,092	363,121	450,278	390,858	484,076
Water/WW Maintenance	1,446,745	1,016,504	988,424	941,867	1,054,861
Water/WW Rehabilitation	375,562	363,159	412,950	412,234	458,602
Engineering	215,857	237,033	320,882	295,997	235,383
SIB Loan	-	-	-	-	-
Wastewater Treatment Plant	951,803	827,685	970,959	938,246	1,018,480
Non Departmental	1,525,733	6,760,957	1,789,393	1,757,283	1,843,950
<i>Subtotal Wastewater</i>	<i>4,809,792</i>	<i>9,568,460</i>	<i>4,932,887</i>	<i>4,736,485</i>	<i>5,095,352</i>
Allocated Functions					
Customer Service	341,031	342,467	342,859	345,205	335,642
Information Technology	171	-	-	-	-
<i>Subtotal Allocated Functions</i>	<i>341,202</i>	<i>342,467</i>	<i>342,859</i>	<i>345,205</i>	<i>335,642</i>
Total Expenses	5,150,994	9,910,927	5,275,746	5,081,690	5,430,995
OTHER ITEMS					
Contribution to CIP/R&R			(300,000)	(711,259)	(1,330,000)
Revenue Over/(Under) Expenses	(617,872)	(181,127)	(208,526)	(39,956)	(176,300)
			Non-Operating Expenses	209,953	
			Non-Operating Revenues	1,330,000	
			Ongoing Revenues	5,254,695	
			Ongoing Expenses	5,221,041	
			Net Operating Gain/(Loss)	33,654	

City of Weatherford
FY17 Program of Services

Municipal Utility Fund Summary
FY17 Operating Position - Wastewater Utility

	Actual FY14	Actual FY15	Adopted FY16	Projected FY16	Proposed FY17
				Days Cost	14,304
				90 Day Reserve	1,287,380

Repair & Replacements Fund

	Actual FY14	Actual FY15	Adopted FY16	Projected FY16	Proposed FY17
Beginning Balance	-	-	5,114,264	5,114,264	715,523
Revenue					
Wastewater Utility					
Bond Proceeds	-	4,750,000	-	-	-
Service Charges	-	442,995	300,000	711,259	1,330,000
Other Miscellaneous	-	1,176	-	-	-
Total Revenue	-	5,194,171	300,000	711,259	1,330,000
Expenses					
Wastewater					
Repair/Replacements	-	79,907	5,110,000	5,110,000	2,045,523
Total Expenses	-	79,907	5,110,000	5,110,000	2,045,523
Revenue Over/(Under) Expenses	-	5,114,264	(4,810,000)	(4,398,741)	(715,523)
	-	5,114,264	304,264	715,523	-

Municipal Utility Fund Summary
FY17 Operating Position - Electric AMI Fund

	Actual FY14	Actual FY15	Adopted FY16	Projected FY16	Proposed FY17
Revenue					
Electric					
Transfer from Electric Utility	875,000	777,000	-	-	-
Total Revenue	875,000	777,000	-	-	-
Expenses					
Electric					
AMI Capital Costs		361,785	1,290,000	-	-
Total Expenses	-	361,785	1,290,000	-	-
Revenue Over/(Under) Expenses	875,000	415,215	(1,290,000)	-	-
Balance	875,000	1,290,215	215	215	215

Municipal Utility Fund Summary
FY17 Operating Position - Water AMI Fund

	Actual FY14	Actual FY15	Adopted FY16	Projected FY16	Proposed FY17
Revenue					
Water					
Transfer from Water Utility	875,000	709,014	1,800,000	1,800,000	-
Total Revenue	875,000	709,014	1,800,000	1,800,000	-
Expenses					
Water					
AMI Capital Costs	-	906,757	1,800,000	1,800,000	
Total Expenses	-	906,757	1,800,000	1,800,000	-
Revenue Over/(Under) Expenses	875,000	(197,743)	-	-	-

Utility Billing Internal Service Fund Summary
FY17 Operating Position

	Actual FY14	Actual FY15	Adopted FY16	Projected FY16	Proposed FY17
Beginning Available Working Capital	-	-	-	-	-
Revenue					
Charge-backs					
Electric	-	-	470,986	474,209	461,073
Water	-	-	372,518	375,067	364,677
Wastewater	-	-	342,859	345,205	335,642
Solid Waste	-	-	41,298	41,298	40,154
Storm Water	-	-	-	-	-
Total Revenue	-	-	1,227,662	1,235,780	1,201,547
Expenses					
Personnel	-	-	649,875	660,659	684,758
Supplies	-	-	44,700	37,695	40,100
Contractual	-	-	471,799	472,381	476,689
Capital Outlay	-	-	60,446	65,046	-
Total Expenses	-	-	1,226,820	1,235,780	1,201,547
Revenue Over/(Under) Expenses	-	-	842	-	-



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Revenue Calculations

**City of Weatherford
FY17 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 SAIC (formerly RW Beck).

Base Rate (not including \$.015 of PP)	
Industrial	998,481.04
All Other	12,002,310.05
Subtotal*	<u>13,000,791</u>
Fuel & Purchase Power (includes \$.015 of PP)	
Industrial	1,164,558
All Other	13,546,445
Subtotal**	<u>14,711,003</u>
Total Revenues	
Industrial	2,163,039
All Others	25,548,755
Total Retail Sales Revenue	<u><u>27,711,794</u></u>

* Net operating capital available for the Electric Utility

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

**City of Weatherford
FY17 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

FY16 Projected Water Consumption (000s gallons)	1,231,527
Projected Growth Factor	18,473
FY16 Projected Water Consumption (000s gallons)	<u>1,250,000</u>
*FY17 Effective Rate per 1000 gallons (\$)	\$ 12.06
FY17 Total Projected Retail Revenue	<u><u>\$ 15,075,450</u></u>

*Third round of rate increases adopted by City Council will go into affect in early FY17.

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.

	Sewer Fees	
<u>Revenues</u>		<u>FY2016</u>
Oct 2015	\$	486,286
Nov 2015	\$	469,040
Dec 2015	\$	444,711
Jan 2016	\$	438,977
Feb 2016	\$	446,476
Mar 2016	\$	454,084
Apr 2016	\$	467,603
May 2016	\$	456,723
Jun 2016	\$	453,337
Jul 2016	\$	473,333
Aug 2016	\$	463,330
Sep 2016	\$	496,100
Total	\$	<u>5,550,000</u>
Rate Increase	\$	784,000
Customer Growth	\$	83,250
FY17 Projection	\$	6,417,250

* Projected revenue

Note: WasteWater revenue tends to be relatively stable. All revenue growth is coming from anticipated growth in customers as well as the second round of rate increases adopted by the City Council.

City of Weatherford
FY17 Program of Services
Electric System Revenues

	Actual FY14	Adopted FY15	Projected FY16	Proposed FY17
Revenues				
Electric Utility	37,460,703	34,291,324	28,240,144	27,711,794
Returned Check Charges	7,050	5,160	8,000	8,000
Interest Income	79,395	173,004	116,136	90,000
Net Change In Fair Value - Invest	(60,990)	82,465	(23,883)	-
Sale Of Fixed Assets	4,000	52,980	-	-
Sale Of Salvage	1,770	902	3,278	-
Pole Rental - Cable TV	106,895	106,276	106,630	110,000
Late Payment Fees	181,670	144,674	104,591	160,000
Temp Connects & Reconnects	74,990	66,585	82,824	60,000
Service Initiation Fees	85,705	89,625	93,831	85,000
Service Transfer Fees	11,660	7,980	8,177	12,000
Electric Miscellaneous	28,527	75,691	-	120,000
Contrib In Aid Of Construction	72,377	352,616	145,405	100,000
Proceeds from Insurance	17,622	18,080	18,787	1,308
Electric Fiber Lease Fee	156,994	125,888	165,091	140,000
Transfer From Solid Waste	28,324	21,444	-	-
Total Revenue	38,256,692	35,614,695	29,069,013	28,598,102

Water System Revenues

	Actual FY14	Adopted FY15	Projected FY16	Proposed FY17
Revenues				
Inspection Service Fee	10,686	13,073	16,797	15,000
Wholesale Water Sales	59,664	85,641	59,450	60,000
Water Utility	8,673,334	10,503,088	12,885,000	15,075,450
Raw Water Sales	2,678	2,500	2,500	2,500
TRWD Pumping Pass-Through	588,685	328,833	-	-
Water Taps	3,665	1,160	3,500	3,500
Water Connection Fee	22,900	44,065	39,663	45,000
Sale Of Fixed Assets	14,400	14,401	-	-
Sale Of Salvage	13,861	6,512	-	-
Lake Lot Leases	922,210	926,799	917,000	917,000
Maintenance Services	-	1,076	-	-
Lake Lot Transfers	8,050	12,628	9,000	9,000
Lake Concession Rental	12,297	13,658	13,218	12,000
Water Tower License Fee	40,375	41,941	41,158	35,000
Proceeds from Insurance	1,500	182,954	-	1,160
Shortages & Overages	2	(260)	-	-
Water Miscellaneous	1,564	16,263	60,907	6,000
Proceeds from Lease/Purch	(5,634)	5,634	-	-
Transfer From Other Funds	13,260	4,595	-	-
Total Revenue	10,383,496	12,204,561	14,048,193	16,181,610

**City of Weatherford
FY17 Program of Services**

Wastewater System Revenues

	Actual FY14	Adopted FY15	Projected FY16	Proposed FY17
Revenues				
Sewer Fees	4,360,033	4,810,450	5,550,000	6,417,250
Pre-Treatment Fees	23,622	29,217	35,000	26,000
Sewer Taps	2,540	2,090	2,090	1,200
Non System Wastewater Maint	-	-	-	-
Proceeds from Insurance	-	1,589	-	-
Inspection Service Fee	14,487	3,299	19,071	5,000
Contributions: Dedicated Assets	-	-	-	-
Non System Wastewater Svc Fee	132,441	125,771	141,194	130,000
Sewer Miscellaneous	-	2,374	5,245	5,245
Sale of Salvage	-	413	393	-
Transfer From Solid Waste	-	4,595	-	-
Proceeds from Insurance	-	-	-	-
Total Revenue	4,533,122	4,979,800	5,752,993	6,584,695
Bond Revenues	-	19,000,000		
Release of Reserved Fund Balance	-	928,924	-	-
Total System Revenue	53,173,310	72,727,979	48,870,198	51,364,407



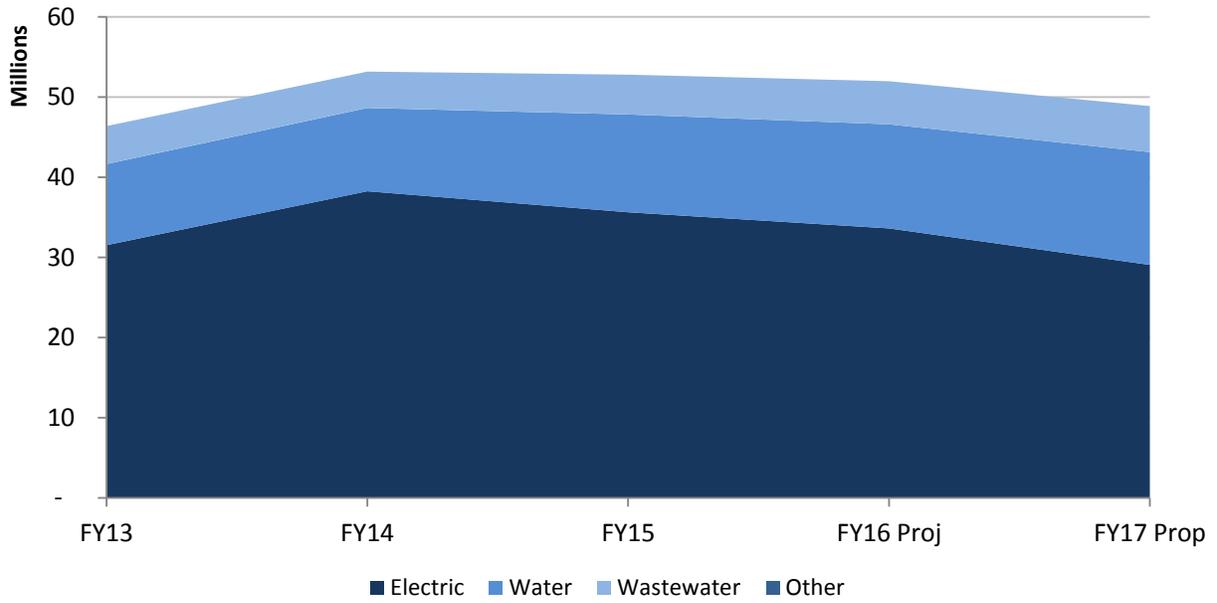
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Operational Graphs

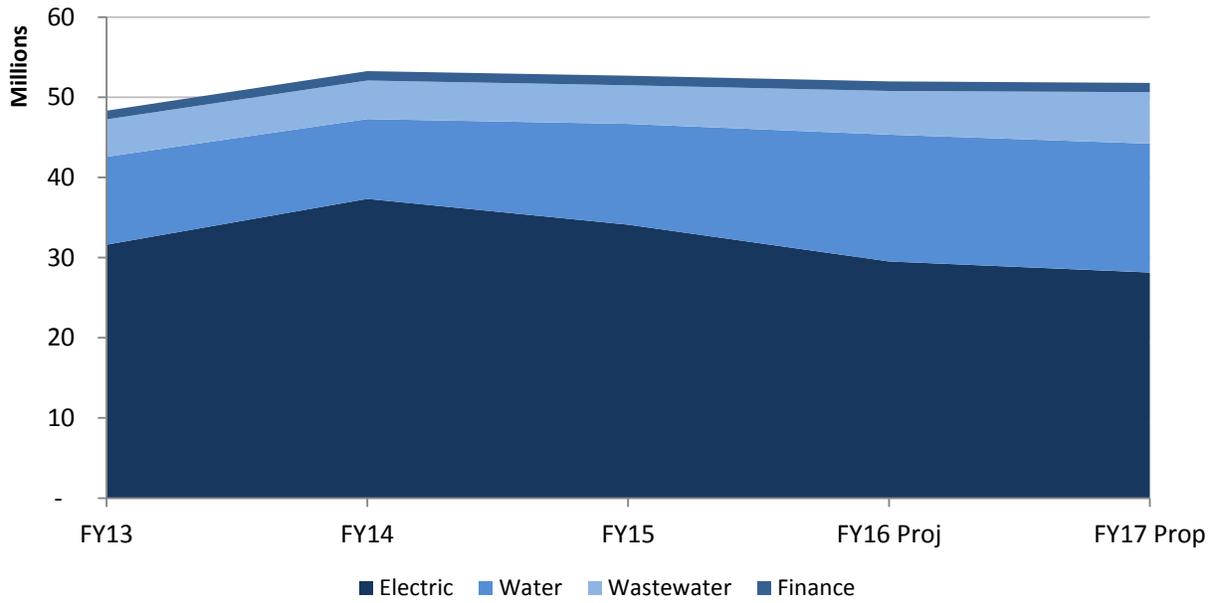
**City of Weatherford
FY17 Program of Services**

Utility Fund Charts & Graphs

Historical Fund Revenues by Utility



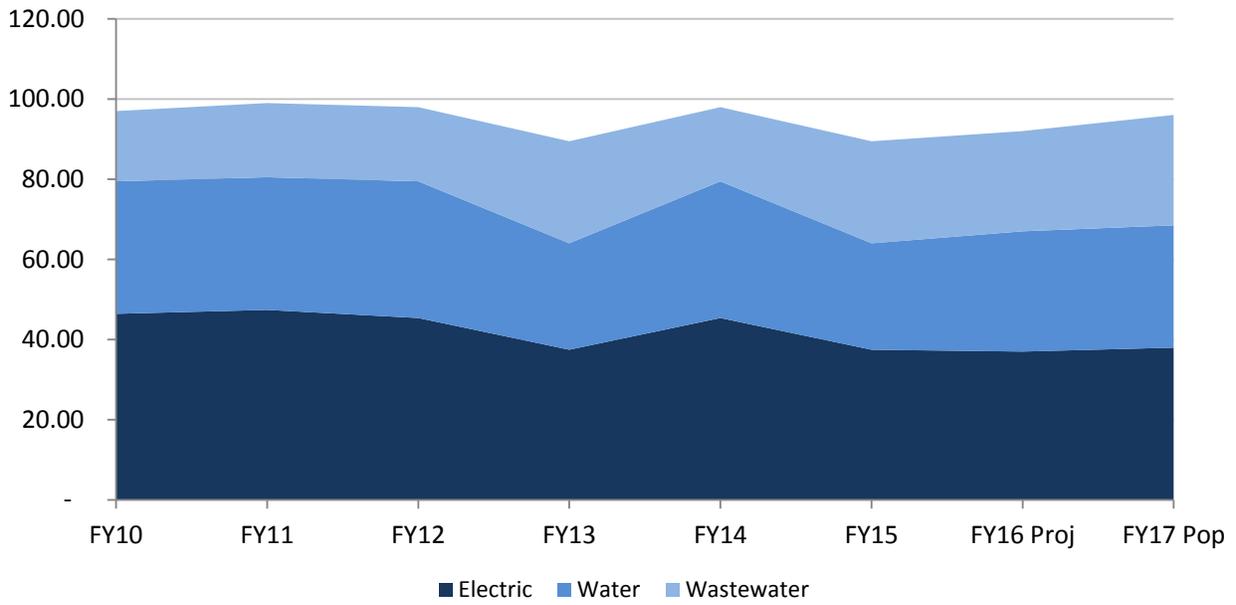
Historical Fund Expenses by Utility



**City of Weatherford
FY17 Program of Services**

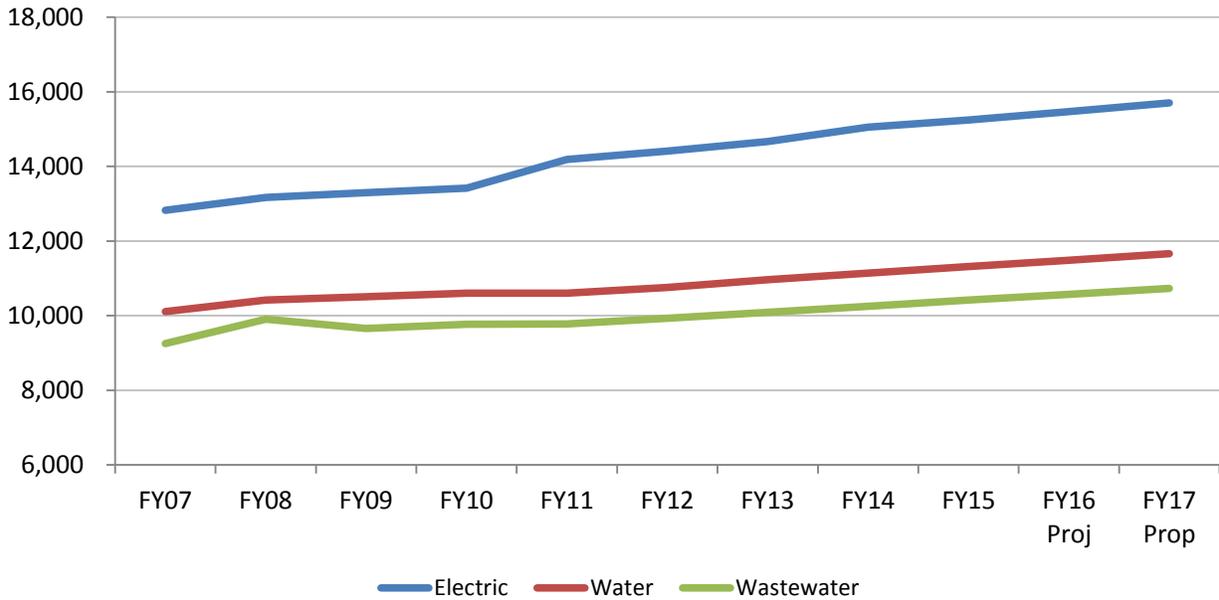
Utility Fund Charts & Graphs

Historical Personnel (FTE) by Utility



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

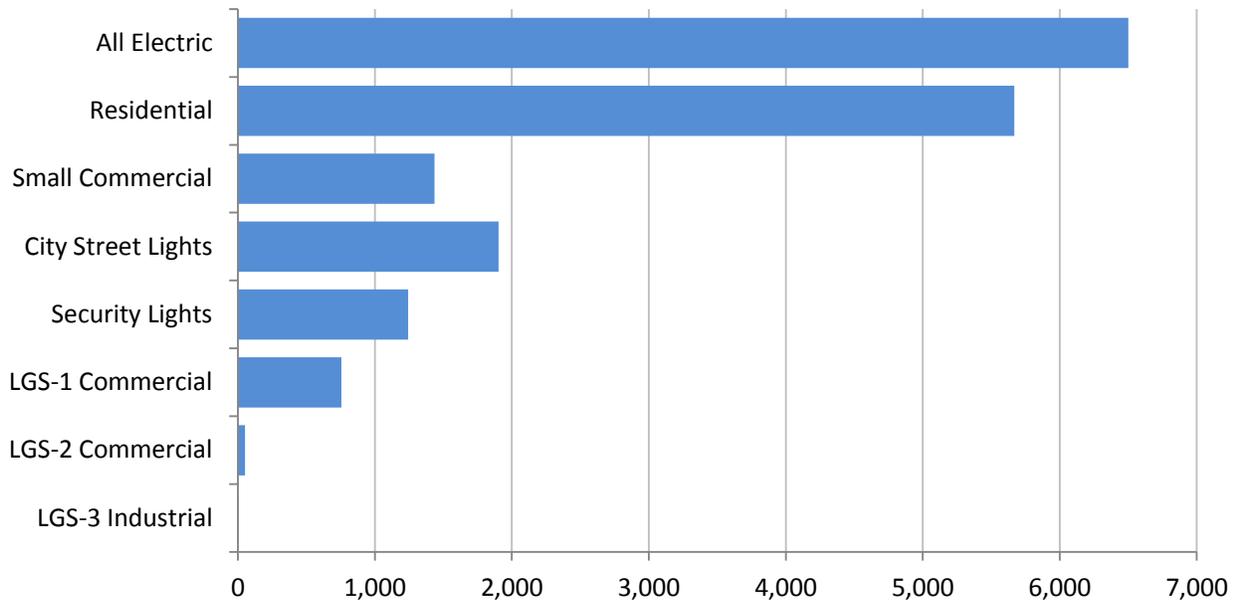
Historical Number of Customers by Utility



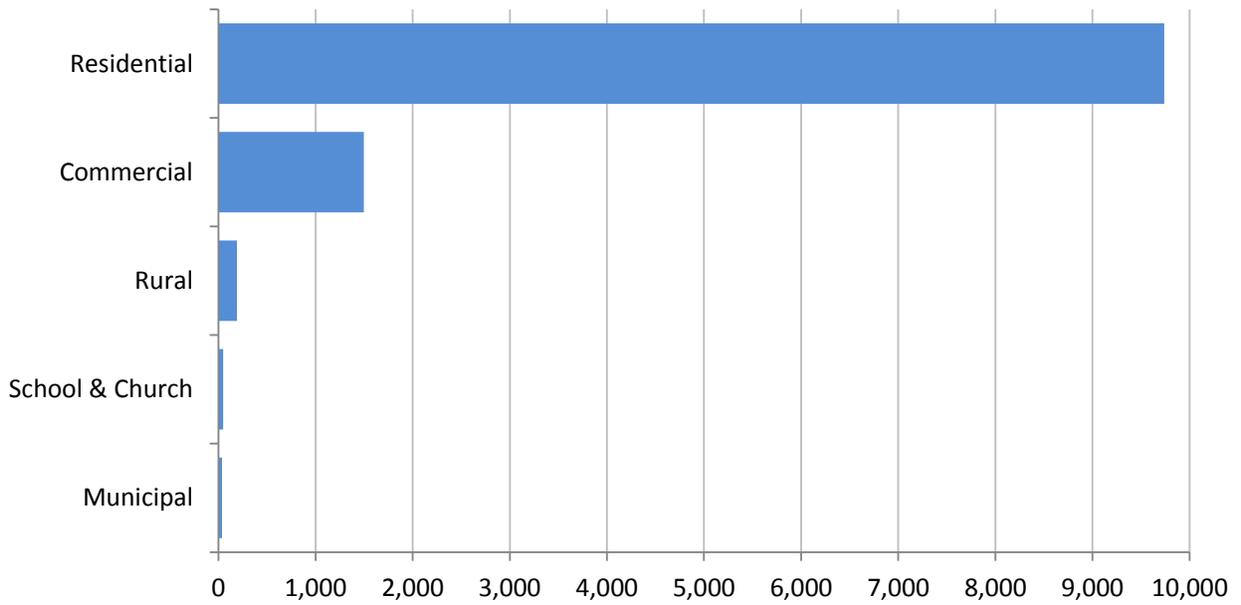
City of Weatherford
FY17 Program of Services

Utility Fund Charts & Graphs

FY16 Electric Customers by Class



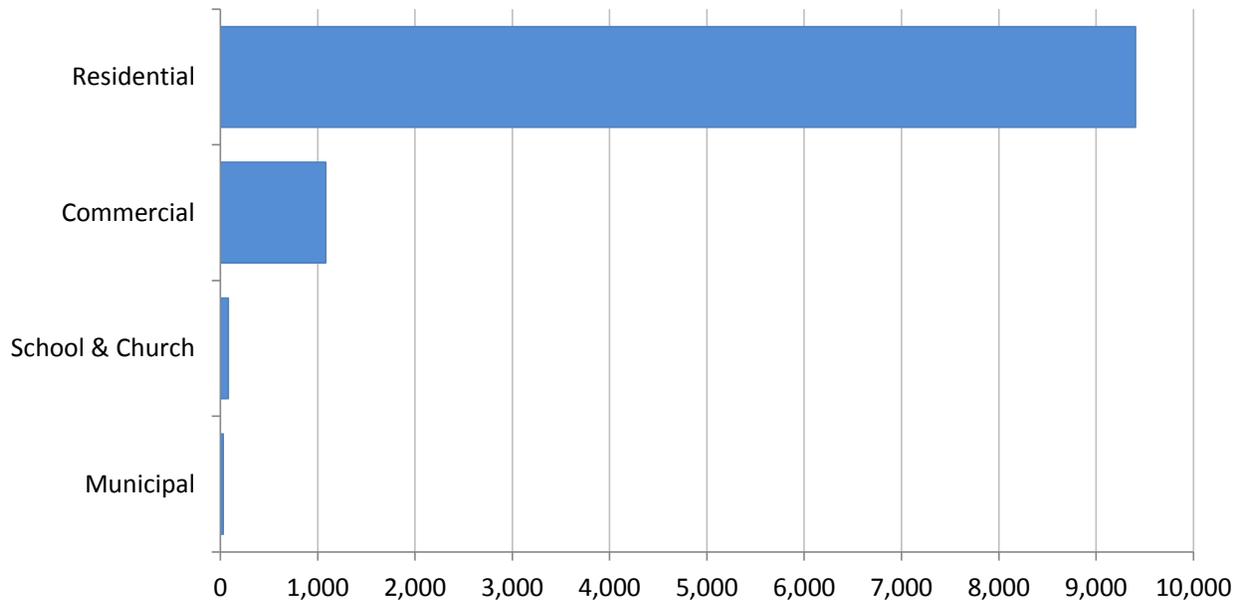
FY16 Water Retail Customers by Class



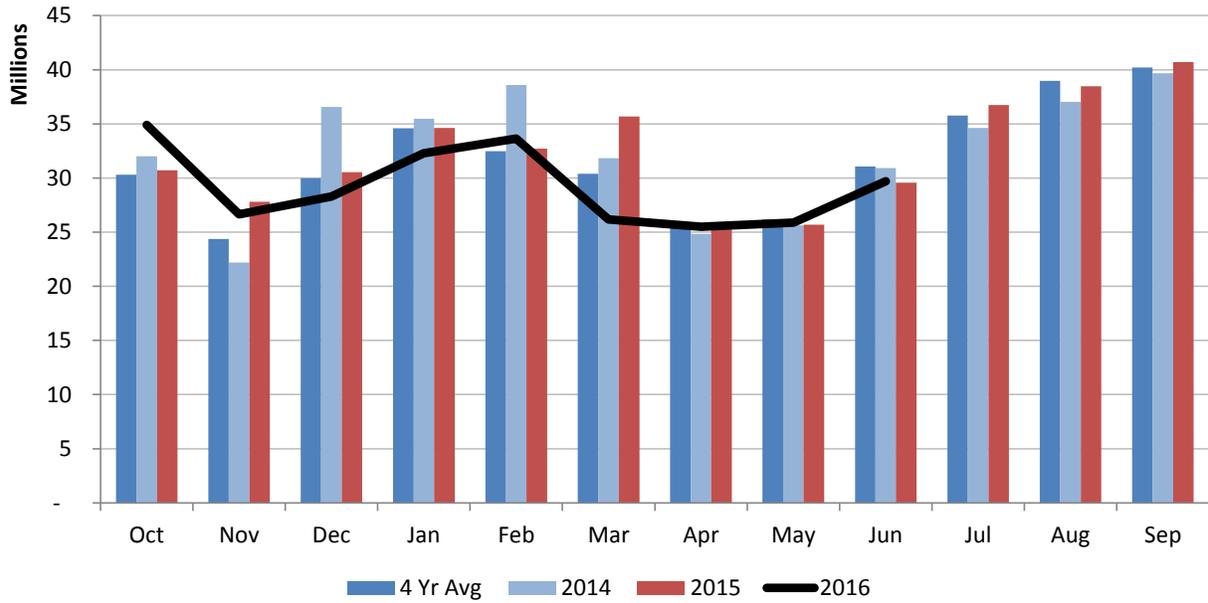
**City of Weatherford
FY17 Program of Services**

Utility Fund Charts & Graphs

FY16 Wastewater Customers by Class



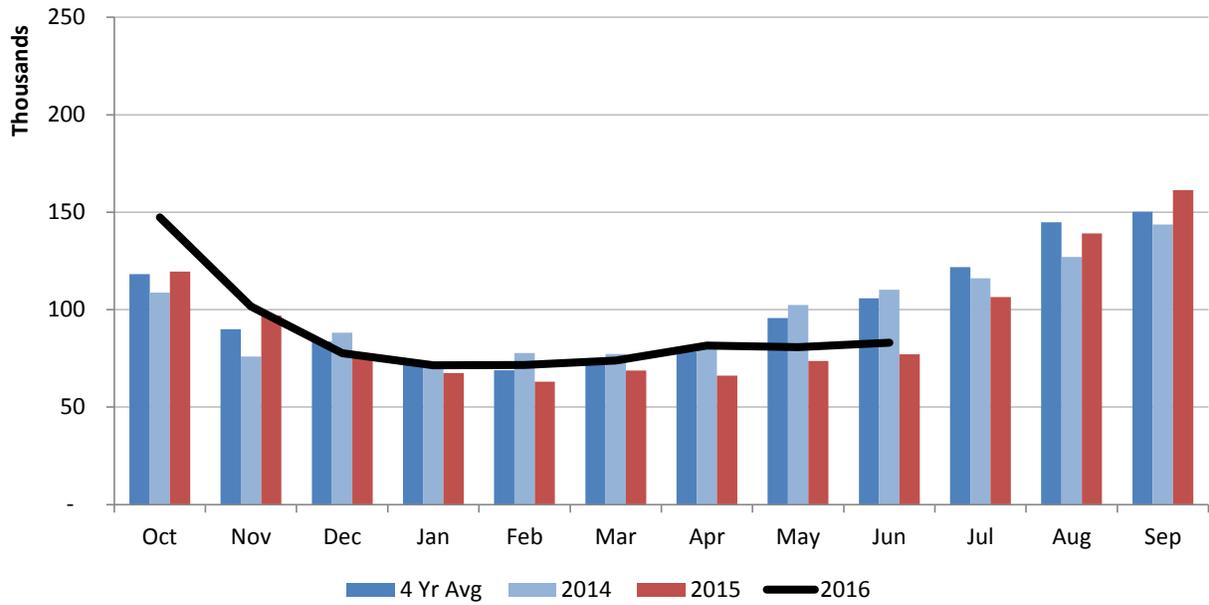
FY16 Electric Consumption vs Historical



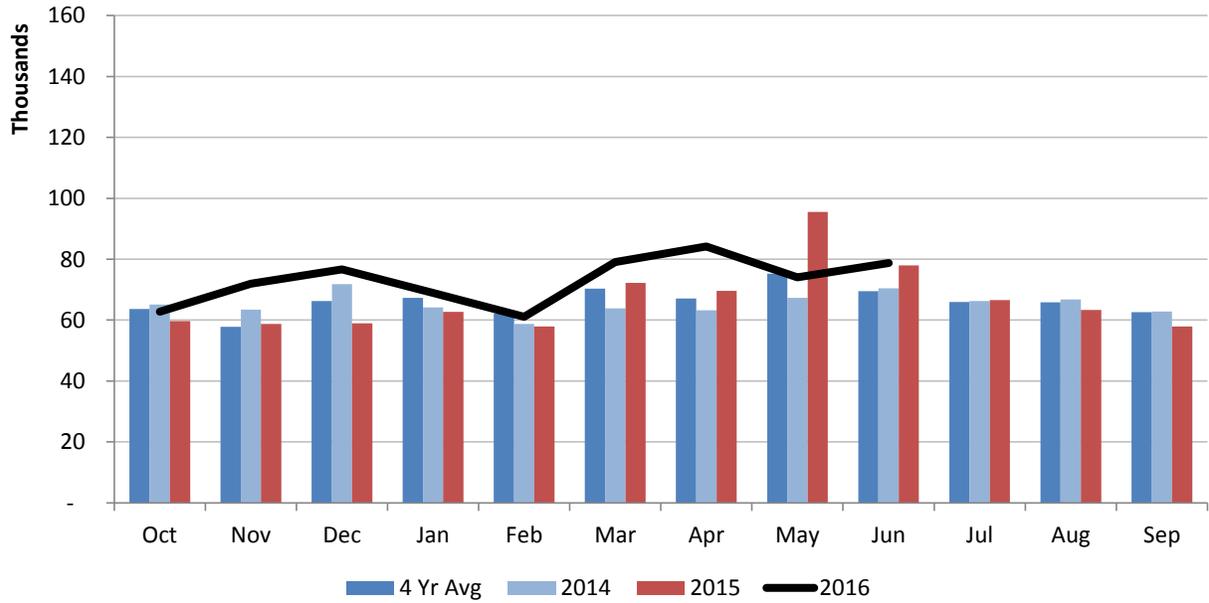
**City of Weatherford
FY17 Program of Services**

Utility Fund Charts & Graphs

FY16 Water Consumption vs Historical



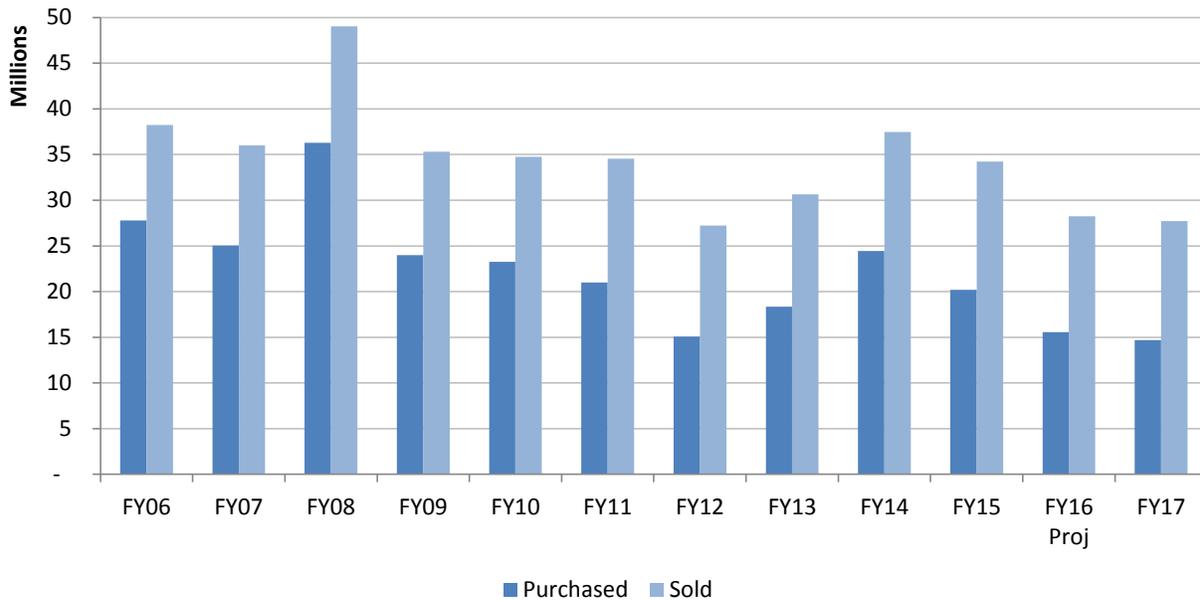
FY16 Wastewater Consumption vs Historical



City of Weatherford
FY17 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.



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Utility Fund 5-Year Forecast and Capital Resource Summary

Electric Utility Pro-Forma

	FY17	FY18	FY19	FY20	FY21
Beginning Cash	\$ -	\$ 53,211	\$ 161,157	\$ 559,680	\$ 1,045,976
Cash Inflows					
Operating Revenues	\$ 28,598,102	\$ 31,537,785	\$ 34,992,115	\$ 39,062,226	\$ 44,381,565
Use of Working Capital	\$ 78,985	\$ -	\$ -	\$ -	\$ -
Bond Inflows					
Total Inflows	\$ 28,677,087	\$ 31,537,785	\$ 34,992,115	\$ 39,062,226	\$ 44,381,565
Cash Outflows					
Operating Expense	\$ 24,785,854	\$ 27,590,584	\$ 30,966,282	\$ 34,948,400	\$ 40,157,156
Debt Service	\$ 955,022	\$ 956,256	\$ 744,309	\$ 744,529	\$ 745,877
Bond Outflows	\$ -	\$ -	\$ -	\$ -	\$ -
Cash-Funded Capital/R&R	\$ 1,993,000	\$ 1,993,000	\$ 1,993,000	\$ 1,993,000	\$ 1,993,000
Total Outflows	\$ 27,733,876	\$ 30,539,840	\$ 33,703,592	\$ 37,685,929	\$ 42,896,033
Over/Under	\$ 943,211	\$ 997,945	\$ 1,288,523	\$ 1,376,297	\$ 1,485,532
Reserved for Future Expense	\$ 890,000	\$ 890,000	\$ 890,000	\$ 890,000	\$ 890,000
Ending Available Cash	\$ 53,211	\$ 161,157	\$ 559,680	\$ 1,045,976	\$ 1,641,509
Reserve Balance Beg	1,000,000	1,890,000	2,780,000	3,670,000	4,560,000
Reserve Balance End	1,890,000	2,780,000	3,670,000	4,560,000	5,450,000

Unlike the Water and Wastewater Utilities, the Electric Utility isn't facing substantial expansion needs in the foreseeable future. The major capital projects captured in this pro-forma are a new substation, funded through bond proceeds, and the automated metering infrastructure program, which has been sufficiently funded through cash on hand. Through 2021, the Utility is projected to maintain a healthy operating margin. This will help provide resources for further expansion plans beyond this forecast window. Additionally, a significant portion of debt rolls off the books in FY19, providing further operational capacity. As you can see, the ending available cash in this forecast window is over \$1.6 million, all of which comes from cumulative operational capacity.

Water Utility Pro-Forma

	FY17	FY18	FY19	FY20	FY21
Beginning Cash	\$ 12,909,644	\$ 9,137,315	\$ 4,315,875	\$ 5,286,095	\$ 3,375,590
Cash Inflows					
Operating Revenues	\$ 16,181,610	\$ 16,408,994	\$ 16,639,807	\$ 16,874,101	\$ 17,111,930
Use of Working Capital	\$ 251,205	\$ -	\$ -	\$ -	\$ -
Bond Inflows	\$ 12,800,000	\$ -	\$ -	\$ -	\$ -
Total Inflows	\$ 29,232,815	\$ 16,408,994	\$ 16,639,807	\$ 16,874,101	\$ 17,111,930
Cash Outflows					
Operating Expense	\$ 6,422,881	\$ 6,470,209	\$ 6,600,985	\$ 6,736,040	\$ 6,875,578
Debt Service	\$ 4,510,268	\$ 4,513,892	\$ 3,609,456	\$ 3,608,260	\$ 3,613,578
Bond Outflows	\$ 18,575,000	\$ 324,000	\$ -	\$ -	\$ -
Cash-Funded Capital/R&R	\$ 3,296,995	\$ 9,722,334	\$ 5,259,146	\$ 8,240,306	\$ 5,159,271
Total Outflows	\$ 32,805,144	\$ 21,030,435	\$ 15,469,587	\$ 18,584,607	\$ 15,648,428
Over/Under	\$ (3,572,329)	\$ (4,621,440)	\$ 1,170,220	\$ (1,710,505)	\$ 1,463,503
Ending Cash	\$ 9,337,315	\$ 4,515,875	\$ 5,486,095	\$ 3,575,590	\$ 4,839,093
Reserve Contribution	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Ending Available Balance	\$ 9,137,315	\$ 4,315,875	\$ 5,286,095	\$ 3,375,590	\$ 4,639,093
Reserve Balance Beg	901,646	1,101,646	1,301,646	1,501,646	1,701,646
Reserve Balance End	1,101,646	1,301,646	1,501,646	1,701,646	1,901,646

The Water Utility's forecast incorporates all bond funds and utility rate revenues, as well as all projected uses for those resources. With FY17 being the last round of rate increases, the Utility has poised itself to cash fund a significant portion of its expansion needs as well as ensure it can keep up with annual repair and replacements. As the pro-forma shows, the incoming cash should be sufficient to keep up with the planned capital expenses through 2021. Additionally, a significant portion of debt rolls off the books in FY19, providing further operational capacity. This capacity is assumed to be available for capital/R&R needs throughout the forecast window.

Wastewater Utility Pro-Forma

	FY17	FY18	FY19	FY20	FY21
Beginning Cash	\$ 3,379,292	\$ 887,401	\$ (325,806)	\$ 1,026,240	\$ 731,068
Cash Inflows					
Operating Revenues	\$ 6,584,695	\$ 6,682,532	\$ 6,781,828	\$ 6,882,606	\$ 6,984,888
Use of Working Capital	\$ 209,953	\$ -	\$ -	\$ -	\$ -
Bond Inflows	\$ -	\$ -	\$ -	\$ -	\$ -
Total Inflows	\$ 6,794,648	\$ 6,682,532	\$ 6,781,828	\$ 6,882,606	\$ 6,984,888
Cash Outflows					
Operating Expense	\$ 3,975,489	\$ 3,958,907	\$ 4,037,487	\$ 4,119,031	\$ 4,203,701
Debt Service	\$ 1,097,643	\$ 1,098,332	\$ 782,163	\$ 782,353	\$ 783,444
Bond Outflows	\$ 3,240,000	\$ -	\$ -	\$ -	\$ -
Cash-Funded Capital/R&R	\$ 973,406	\$ 2,838,500	\$ 610,131	\$ 2,276,395	\$ 3,534,300
Total Outflows	\$ 9,286,538	\$ 7,895,739	\$ 5,429,782	\$ 7,177,779	\$ 8,521,444
Over/Under	\$ (2,491,890)	\$ (1,213,208)	\$ 1,352,046	\$ (295,172)	\$ (1,536,556)
Ending Available Cash	\$ 887,401	\$ (325,806)	\$ 1,026,240	\$ 731,068	\$ (805,489)

The Wastewater Utility isn't in as flexible of a position as the Water Utility. While bond proceeds and rate revenues do provide a windfall with which the Utility can fund its needed capital projects, staff will likely need to push some of its projects out to later dates. As the pro-forma shows, cash will be insufficient to maintain the current schedule of projects as soon as 2018, and again in 2021. Staff will keep an eye on revenues as they come in and make adjustments when necessary. Additionally, a significant portion of debt rolls off the books in FY19, providing further operational capacity. As it stands, any operational capacity is assumed to be available for capital projects and R&R through the forecast window.

Water/Wastewater Capital Program

Water Utility

Project	Funding Source	Type	FY17	FY18	FY19	FY20	FY21
Reclaimed Water - WWTP, PS & Outfall (FNI)	Bond Proceeds	Expansion	\$ -	\$ -	\$ -	\$ -	\$ -
Reclaimed Water - Pipeline Segment 1 (TNP)	Bond Proceeds	Expansion	\$ -	\$ -	\$ -	\$ -	\$ -
Reclaimed Water - Pipeline Segment 2 (BHB)	Bond Proceeds	Expansion	\$ -	\$ -	\$ -	\$ -	\$ -
Reclaimed Water - Env. Permitting	Bond Proceeds	Expansion	\$ -	\$ -	\$ -	\$ -	\$ -
WTP Pilot & Preliminary Design	Bond Proceeds	Expansion	\$ 39,000	\$ 324,000	\$ -	\$ -	\$ -
BB Fielder Water Line (Main St to Patriot)	Bond Proceeds	Expansion	\$ -	\$ -	\$ -	\$ -	\$ -
BB Fielder Water Line Extension (to Old Dennis)	Bond Proceeds	Expansion	\$ -	\$ -	\$ -	\$ -	\$ -
30" Water Line - Oak Street	Bond Proceeds	Expansion	\$ 3,136,000	\$ -	\$ -	\$ -	\$ -
Ric Williamson Transmission Main	Bond Proceeds	Expansion	\$ 450,000	\$ -	\$ -	\$ -	\$ -
Bethel Road Water Improvements	Bond Proceeds	Expansion	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -
Mineral Wells Hwy Transmission Main	Bond Proceeds	Expansion	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -
Deerfield Water Line, Phase II	Bond Proceeds	Expansion	\$ 1,100,000	\$ -	\$ -	\$ -	\$ -
			\$ 6,725,000	\$ 324,000	\$ -	\$ -	\$ -

Project	Funding Source	Type	FY17	FY18	FY19	FY20	FY21
Reclaimed Water - WWTP, PS & Outfall (FNI)	Water Development						
	Board Bonds	Expansion	\$ 5,400,000	\$ -	\$ -	\$ -	\$ -
Reclaimed Water - Pipeline Segment 1 (TNP)	Water Development						
	Board Bonds	Expansion	\$ 2,900,000	\$ -	\$ -	\$ -	\$ -
Reclaimed Water - Pipeline Segment 2 (BHB)	Water Development						
	Board Bonds	Expansion	\$ 3,050,000	\$ -	\$ -	\$ -	\$ -
Reclaimed Water - Easements	Water Development						
	Board Bonds	Expansion	\$ 500,000	\$ -	\$ -	\$ -	\$ -
			\$ 11,850,000	\$ -	\$ -	\$ -	\$ -

Project	Funding Source	Type	FY17	FY18	FY19	FY20	FY21
Bethel Rd Backage	Water Impact Fees	Expansion	\$ 465,750	\$ -	\$ -	\$ -	\$ -
Bethel Rd - Main St to I20	Water Impact Fees	Expansion	\$ 621,000	\$ -	\$ -	\$ -	\$ -
WB Blvd	Water Impact Fees	Expansion	\$ -	\$ 320,850	\$ -	\$ -	\$ -
Katelyn Rd - Randall Dr to I20	Water Impact Fees	Expansion	\$ 113,850	\$ -	\$ -	\$ -	\$ -
North/South St - Vaughna Dr to I20	Water Impact Fees	Expansion	\$ -	\$ -	\$ 93,150	\$ -	\$ -
Ric Williamson - I20 to Ranger Hwy	Water Impact Fees	Expansion	\$ 148,500	\$ 990,000	\$ -	\$ -	\$ -
0.5MG Miller EST	Water Impact Fees	Expansion	\$ 225,000	\$ 1,500,000	\$ -	\$ -	\$ -
12" Water - Miller EST to Ric Williamson	Water Impact Fees	Expansion	\$ -	\$ 81,000	\$ 540,000	\$ -	\$ -
			\$ 1,574,100	\$ 2,891,850	\$ 633,150	\$ -	\$ -

Water Utility (continued)

Project	Funding Source	Type	FY17	FY18	FY19	FY20	FY21
Ric Williamson / University Hills Oversize Agreement	Cash Funded	Expansion	\$ -	\$ -	\$ -	\$ -	\$ -
Rusk St & Bois d'Arc	Cash Funded	Repair	\$ -	\$ -	\$ -	\$ -	\$ -
N. Main Street	Cash Funded	Repair	\$ -	\$ 1,500,000	\$ -	\$ -	\$ -
Spring St Rehabilitation	Cash Funded	Repair	\$ 360,525	\$ -	\$ -	\$ -	\$ -
Mockingbird, Park, Rentz, Waco & Cottonwood St.	Cash Funded	Repair	\$ 179,068	\$ 1,193,786	\$ -	\$ -	\$ -
Eastview, Water, Ball, Vine, Boundary, Harcourt & Merrimac St	Cash Funded	Repair	\$ -	\$ 164,324	\$ 1,095,490	\$ -	\$ -
Downtown Redevelopment in advance of TxDOT Maint.	Cash Funded	Repair	\$ 662,400	\$ -	\$ -	\$ -	\$ -
Dept 404 Misc R&R	Cash Funded	Repair	\$ 68,052	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Dept 405 Misc R&R	Cash Funded	Repair	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Ric Williamson - Garner Rd to Railroad / King Dev Oversize Agreement	Cash Funded	Expansion	\$ -	\$ -	\$ 500,000	\$ -	\$ -
New 10 MGD Ward St Pump Station & 6 MG GST in Central Pressure Plane	Cash Funded	Expansion	\$ 900,000	\$ 6,000,000	\$ -	\$ -	\$ -
30" Supply Line from New Ward St PS to WMP - Prj 1	Cash Funded	Expansion	\$ -	\$ 195,000	\$ 1,300,000	\$ -	\$ -
New 12" Supply Line from Ward St PS in Central Pressure Plane	Cash Funded	Expansion	\$ -	\$ -	\$ 217,500	\$ 1,450,000	\$ -
New 12" Water Line in East Pressure Plane	Cash Funded	Expansion	\$ -	\$ -	\$ 82,500	\$ 550,000	\$ -
16" & 12" Water Line in East Pressure Plane	Cash Funded	Expansion	\$ -	\$ -	\$ 187,500	\$ 1,250,000	\$ -
Bethel Rd - I20 to BB Fielder	Cash Funded	Expansion	\$ 414,000	\$ -	\$ -	\$ -	\$ -
Water Master Plan Update - Miller & Franklin Pressure Planes	Cash Funded	Expansion	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Ric Williamson - Ranger Hwy to Mineral Wells Hwy	Cash Funded	Expansion	\$ -	\$ 94,500	\$ 630,000	\$ -	\$ -
Ric Williamson - Mineral Wells Hwy to Garner Rd	Cash Funded	Expansion	\$ -	\$ 108,000	\$ 720,000	\$ -	\$ -
WTP Expansion - 4 MGD	Cash Funded	Expansion	\$ -	\$ -	\$ -	\$ 2,250,000	\$ 2,250,000
			\$ 2,634,045	\$ 9,355,610	\$ 4,832,990	\$ 5,600,000	\$ 2,350,000
			\$ 21,209,045	\$ 9,679,610	\$ 4,832,990	\$ 5,600,000	\$ 2,350,000

Wastewater Utility

Project	Funding Source	Type	FY17	FY18	FY19	FY20	FY21
Town Creek Wastewater Extension	Bond Proceeds	Expansion	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -
Bethel Road Wastewater Improvements	Bond Proceeds	Expansion	\$ 750,000	\$ -	\$ -	\$ -	\$ -
WWTP PLC Upgrades	Bond Proceeds	Repair	\$ 1,090,000	\$ -	\$ -	\$ -	\$ -
FW Hwy, Bankhead, Bullard - 8" Wastewater	Bond Proceeds	Repair	\$ 400,000	\$ -	\$ -	\$ -	\$ -
			\$ 3,240,000	\$ -	\$ -	\$ -	\$ -

Project	Funding Source	Type	FY17	FY18	FY19	FY20	FY21
Bethel Rd Backage	WW Impact Fees	Expansion	\$ 424,350	\$ -	\$ -	\$ -	\$ -
WB Blvd	WW Impact Fees	Expansion	\$ -	\$ 320,850	\$ -	\$ -	\$ -
WW CIP - WW Master Plan Projects (TBD)	WW Impact Fees	Expansion	\$ -	\$ -	\$ 1,400,000	\$ -	\$ -
			\$ 424,350	\$ 320,850	\$ 1,400,000	\$ -	\$ -

Project	Funding Source	Type	FY17	FY18	FY19	FY20	FY21
Black Warrior Creek	Cash Funded	Repair	\$ 60,000	\$ -	\$ -	\$ -	\$ -
Rusk St & Bois d'Arc	Cash Funded	Repair	\$ -	\$ -	\$ -	\$ -	\$ -
N. Main Street	Cash Funded	Repair	\$ -	\$ 1,135,000	\$ -	\$ -	\$ -
12" WW along Rail Road, North and Boundary St	Cash Funded	Repair	\$ -	\$ -	\$ 262,631	\$ 1,750,875	\$ -
Brazos, Russell, Norton St	Cash Funded	Repair	\$ -	\$ -	\$ -	\$ 178,020	\$ 1,186,800
Downtown Redevelopment in advance of TxDOT Maint.	Cash Funded	Repair	\$ 310,500	\$ -	\$ -	\$ -	\$ -
WW Rehab - 1400 FW Hwy to Columbia	Cash Funded	Repair	\$ 37,800	\$ 252,000	\$ -	\$ -	\$ -
WW Rehab - Bethel Rd/Wiggs Ln, Holland Lake Creek Ph2, 1500 S. Main St	Cash Funded	Repair	\$ 104,400	\$ 696,000	\$ -	\$ -	\$ -
WW Rehab - E 6th St, N Elm St, Madison St	Cash Funded	Repair	\$ 61,200	\$ 408,000	\$ -	\$ -	\$ -
Dept 405 Misc R&R	Cash Funded	Repair	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Dept 454 Misc R&R	Cash Funded	Repair	\$ 41,644	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
WW CIP - WW Master Plan Projects (TBD)	Cash Funded	Expansion	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000
			\$ 615,544	\$ 2,591,000	\$ 362,631	\$ 2,028,895	\$ 3,286,800

Departmental Summaries

Operational Summary

Water/Wastewater

Division	Cost Center	Positions		FY17 Budget
Water/Wastewater Administration	402	10	\$	987,489
Water Treatment Plant	404	8	\$	2,755,016
Water/Wastewater Maintenance	405	19	\$	2,268,776
Water/Wastewater Rehabilitation	406	5	\$	908,204
Engineering	427	3	\$	470,767
Wastewater Treatment Plant	454	5	\$	1,018,480
Water Non-Departmental	903	0	\$	11,254,234
Wastewater Non-Departmental	904	0	\$	3,509,592
Total Water/Wastewater		50	\$	23,172,557

Water/Wastewater

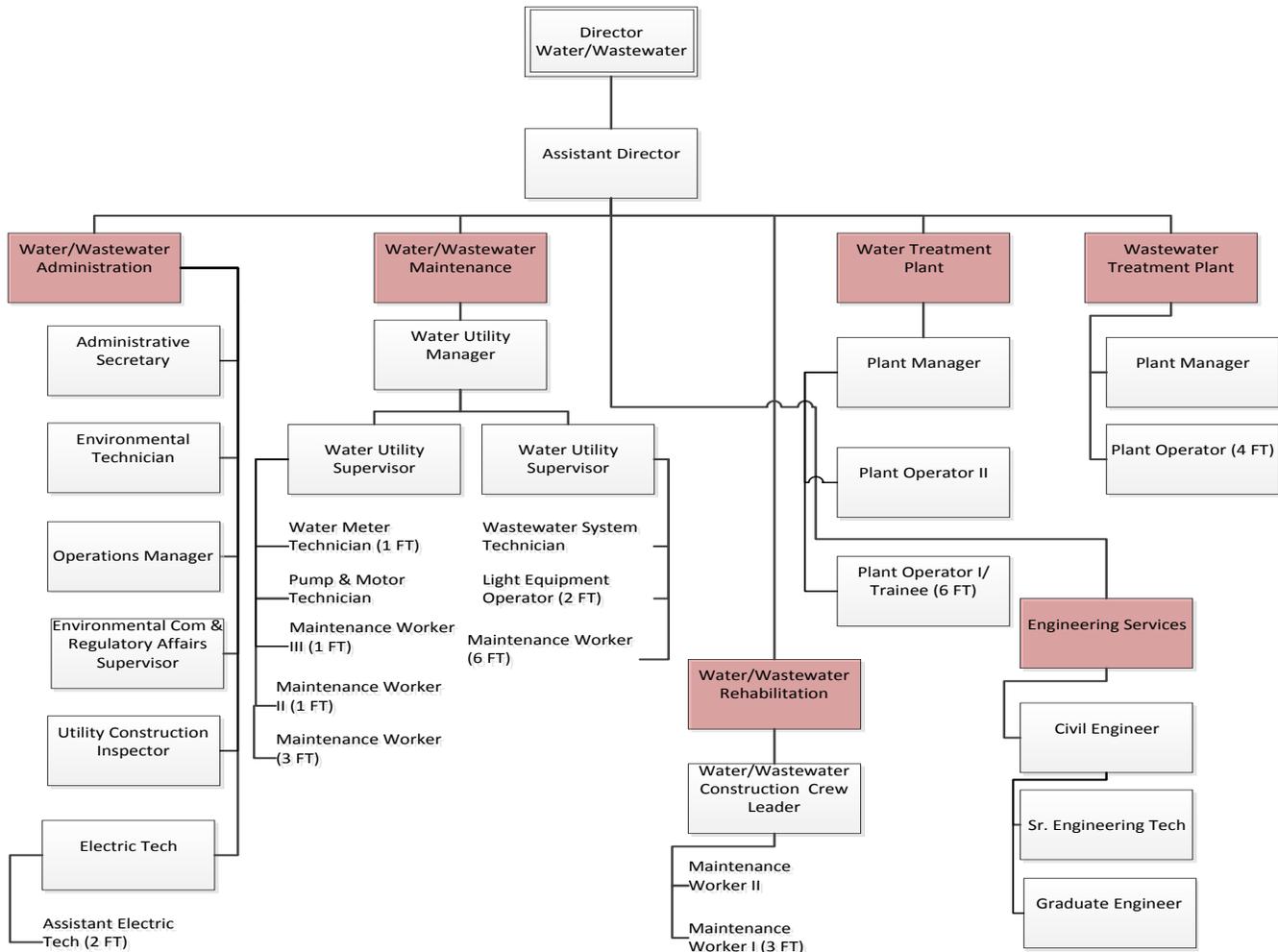
Division	Cost Center	Positions		FY17 Budget
Electric Administration	422	7	\$	246,553
Electric Distribution	424	25	\$	6,850,640
Electric Production	425	0	\$	11,850
Electric Warehouse	426	3	\$	367,384
Fiber	440	1	\$	170,971
Electric Non-Departmental	902	0	\$	20,976,476
Total Electric		36	\$	28,623,875

Finance

Utility Billing	205	12	\$	1,201,547
Total Utility Operations		98	\$	52,997,980

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

- 2 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.

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, and the Wastewater Treatment Plant and collection system, as well as 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 samples collected in the distribution system to ensure the quality of the city's drinking water and operates and maintains a superior Pretreatment Program for industrial and domestic discharges to the sewer 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.

FY15 or FY16 Noteworthy Accomplishments

- 1 Complete construction of all projects under design.
- 2 Continue to maintain distribution and collection system to meet customers' needs.
- 3 Expanded the role of Environmental Compliance and Regulatory Affairs in the organization.
- 4 Expand water conservation education and awareness throughout the community.
- 5 Implemented a toilet rebate program to encourage water conservation in customer's homes.

FY17 Objectives

- 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 Complete construction of all projects under design.
- 4 Working with the public and area organizations on water conservation awareness.
- 5 Implement a watershed protection program, to educate the public the proper disposal methods of medications, so we may protect our water source.
- 6 FY17 Organizational Effectiveness Dashboard Indicators (to be reported on in 2018 budget)
 - Revenue per 1,000 gallon of water sold (retail only)
 - Cost per 1,000 gallons of water produced
 - \$/foot sewer main installed (rehabilitation)
 - Revenue per 1,000 gallons of sewage treated
- 7 FY17 Debt Management Planning Dashboard Indicators
 - Investigate new debt management tools, such as TWDB loans

Water/Wastewater

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

Performance Dashboard

Workload Measures		FY13	FY14	FY15
1	Water Quality			
2	Inspections	7	8	8
3	Pretreatment Programs (#)	7	8	8

Key Result Indicators

1	Number of water quality samples performed in the distribution system	4,886	4,836	4,836
2	Number of inspections performed each year	2,480	2,760	2,500
3	Pretreatment Violations	20	2	4

Position Summary	FY14	FY15	FY16	FY17
Assit Dirc W/WW (Full Time)	1	1	1	1
Elec 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/Electro Tech II (Full Time)	1	1	1	1
Administrative Secretary (Full Time)	0	0	1	1
Regulatory Affairs (Full Time)	1	1	1	1
Dir. Of W/WW & Eng (Full Time)	0	0	1	1
Assist. Elec/Elect Tech (Full Time)	1	1	1	1
Total	8	8	10	10

Budget Summary	FY14	FY15	FY16 Bdg	FY16 Prj	FY17
Personnel	\$ 520,005	\$ 666,743	\$ 831,952	\$ 716,954	\$ 907,389
Supplies	\$ 25,423	\$ 44,602	\$ 57,133	\$ 52,540	\$ 52,700
Contractual	\$ 14,060	\$ 14,897	\$ 32,200	\$ 32,951	\$ 27,400
Capital	\$ 28,697	\$ -	\$ 9,716	\$ 9,716	\$ -
Total	\$ 588,185	\$ 726,242	\$ 931,001	\$ 812,161	\$ 987,489

Significant Budget Changes

During FY17, the Director of Water/WW was reallocated into this Department. Additionally, below is a list of approved supplemental items.

	Ongoing	One-Time	Total
Overtime	\$ 6,005	\$ -	\$ 6,005
Compensation Package/Position Upgrades	\$ 13,492	\$ 13,455	\$ 26,947
Uniforms	\$ 650	\$ -	\$ 650
Food / Meal Expenses	\$ 550	\$ -	\$ 550
	\$ 20,697	\$ 13,455	\$ 34,152

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 Plant 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 1,440,635,000 gallons of treated water to the public.

General Departmental Goals

- 1 Provide quality water to our consumers
- 2 Meet and exceed EPA and TCEQ guidelines
- 3 Maintain the plant so that there are not any interruptions of service.
- 4 Provide a productive and safe work environment.

FY15 or FY16 Noteworthy Accomplishments

- 1 Completed the Trident and Decant PLC and equipment upgrade.
- 2 Install New Decant pump.
- 3 Transition SCADA software from WonderWare to Ignition w/remote functionality.
- 4 Added a new plant truck.
- 5 Added elevated access walkway around the Membrane Amiad Strainers.

FY17 Objectives

- 1 Critical Circuit Breaker replacement.
- 2 Upgrade plant UPS to support the plant operations.
- 3 Replace the insulation on the outside chemical feed and transfer lines.
- 4 Purchase a new AMIAD 300micron raw water feed strainer for the membrane plant.
- 5 Purchase a Emerson 475 field communicator to support the plant instrumentation.

Water/Wastewater

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

Performance Dashboard

Workload Measures

	FY13	FY14	FY15
1 Treated wastewater.	1,761,581MG	1,831,398MG	1,440,635MG
2 Treatment cost per 1,000 gallons	\$1.00	\$1.10	
3 Fines to the city by TCEQ	0	0	0

Position Summary	FY14	FY15	FY16	FY17
Water Plant Operator II (Full Time)	1	1	1	1
Water Plant Manager (Full Time)	1	1	1	1
Water Plant Operator/Trainee (Full Time)	2	2	2	2
Water Plant Operator I (Full Time)	1	1	1	1
Water Plant Operator (Full Time)	2	2	2	3
Total	7	7	7	8

Budget Summary	FY14	FY15	FY16 Bdg	FY16 Prj	FY17
Personnel	\$ 396,188	\$ 422,416	\$ 490,589	\$ 477,654	\$ 524,566
Supplies	\$ 458,212	\$ 523,067	\$ 580,075	\$ 578,952	\$ 593,707
Contractual	\$ 2,093,350	\$ 1,057,991	\$ 1,524,376	\$ 1,475,141	\$ 1,501,162
Capital	\$ 231,443	\$ 261,696	\$ 133,276	\$ 120,487	\$ 135,581
Total	\$ 3,179,194	\$ 2,265,169	\$ 2,728,316	\$ 2,652,233	\$ 2,755,016

Significant Budget Changes

	Ongoing	One-Time	Total
Critical Circuit Breaker Replacement	\$ -	\$ 53,639	\$ 53,639
Amiad Strainer	\$ -	\$ 36,613	\$ 36,613
Compensation Package/Position Upgrades	\$ 19,762	\$ 10,765	\$ 30,527
Chemical Pipe Insulation	\$ -	\$ 16,234	\$ 16,234
Upgrade Plant Ups	\$ -	\$ 14,413	\$ 14,413
Regulatory Testing And Monitoring	\$ 10,000	\$ -	\$ 10,000
Chemicals	\$ 8,032	\$ -	\$ 8,032
Emerson 475 Field Communicator	\$ -	\$ 5,574	\$ 5,574
Medical And Lab Supplies	\$ 2,000	\$ -	\$ 2,000
Seminars And Training	\$ 1,100	\$ -	\$ 1,100
Office Supplies	\$ 800	\$ -	\$ 800
Uniforms	\$ 360	\$ -	\$ 360
Food And Meal Expenses	\$ 240	\$ -	\$ 240
Computers And Office Equipment	\$ 200	\$ -	\$ 200
	\$ 42,494	\$ 137,238	\$ 179,732

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 275 miles of water lines, 1 well system, 208 miles of wastewater lines, 1,450 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 10,547 sewer and 11,450 water customers.

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 Upgrade water meters to implement electronic radio read and reduce labor cost.
- 5 Reduce water loss to reduce city cost.

FY15 or FY16 Noteworthy Accomplishments

- 1 Continued comprehensive sewer evaluation system.
- 2 Targeted problem areas in the W/WW system and made necessary corrections.
- 3 Provided responsive quality service to the rate payers of the Municipal Utility System.

FY17 Objectives

- 1 Continue to replace aging water meters to improve accuracy and reduce water loss.
- 2 Continue to evaluate the wastewater system and target problem areas.
- 3 Implement a valve & hydrant program to ensure reliability of fire protection.
- 4 Study water system to minimize water loss (i.e. test meters).

Water/Wastewater

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

Performance Dashboard

Workload Measures		FY13	FY14	FY15
1	Number of water main breaks	44	42	40
2	Number of system overflows	3	2	8
3	Number of system stop-ups	266	260	113

Key Result Indicators

1	Meter Change out	467	510	218
2	Comprehensive sewer shed inspection/cleaning	33,758	34,100	105,646
3	% of Scheduled maintenance completed on time	100%	100%	100%

Budgetary Issues

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

Position Summary	FY14	FY15	FY16	FY17
Maintenance Worker III (Full Time)	1	1	1	1
Water Utility Supervisor (Full Time)	2	2	2	2
Water Utility Manager (Full Time)	1	1	1	1
Water Meter Tech (Full Time)	2	2	2	1
Maintenance Worker I (Full Time)	6	6	6	9
Pump & Motor Tech (Full Time)	1	1	1	1
Light Equipment Operator (Full Time)	2	2	2	2
Maintenance Worker II (Full Time)	2	2	2	1
WW System Tech (Full Time)	1	1	1	1
Total	18	18	18	19

Budget Summary	FY14	FY15	FY16 Bdg	FY16 Prj	FY17
Personnel	\$ 1,078,151	\$ 1,071,774	\$ 1,140,629	\$ 1,105,464	\$ 1,174,980
Supplies	\$ 509,447	\$ 460,407	\$ 425,850	\$ 407,898	\$ 456,750
Contractual	\$ 332,446	\$ 288,719	\$ 354,130	\$ 296,221	\$ 386,630
Capital	\$ 716,281	\$ 346,530	\$ 187,616	\$ 304,520	\$ 250,416
Total	\$ 2,636,325	\$ 2,167,431	\$ 2,108,225	\$ 2,114,103	\$ 2,268,776

Water/Wastewater

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

Significant Budget Changes

	Ongoing	One-Time	Total
Truck	\$ -	\$ 35,000	\$ 35,000
Compensation Package/Position Upgrades	\$ 5,159	\$ 26,645	\$ 31,804
Light Tower/ Generator	\$ -	\$ 20,100	\$ 20,100
Jet Scan Camera	\$ -	\$ 15,200	\$ 15,200
Backhoe Vehicle Rotation	\$ 13,000	\$ -	\$ 13,000
Vehicle Parts & Labor	\$ 12,650	\$ -	\$ 12,650
Boring Tool	\$ -	\$ 6,000	\$ 6,000
Easement And Row Maintenance	\$ 5,000	\$ -	\$ 5,000
Street Repair Increase - 242	\$ 4,500	\$ -	\$ 4,500
Truck Ongoing	\$ 4,500	\$ -	\$ 4,500
Street Repair Increase - 245	\$ 4,000	\$ -	\$ 4,000
Leak Detector	\$ -	\$ 3,600	\$ 3,600
Street Repair Increase - 425	\$ 2,500	\$ -	\$ 2,500
Uniforms	\$ 1,800	\$ -	\$ 1,800
Computer For Meter Shop	\$ -	\$ 1,000	\$ 1,000
Safety Equipment	\$ 800	\$ -	\$ 800
	\$ 53,909	\$ 107,545	\$ 161,454



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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.

FY15 or FY16 Noteworthy Accomplishments

- 1 Replaced problem areas of the water and wastewater system.

FY17 Objectives

- 1 Continue to target problem areas in the water/wastewater system.

Water/Wastewater

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

Performance Dashboard

Workload Measures		FY13	FY14	FY15
1	Work orders from water breaks (#)	18	10	3
2	Work orders from wastewater problems (#)	67	56	7
3	Footage of Wastewater mains replaced	4,504	2,840	5,268
4	Footage of Water mains replaced	1,923	3,064	1,530

Key Result Indicators

1	Cost per foot of WWmain replacements	\$171.53	\$150.00	69.81
2	Cost per foot of Water main replacements	\$42.70	\$45.00	\$126.74
3	Work orders created on repaired lines	0	0	0

Budgetary Issues

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

Position Summary	FY14	FY15	FY16	FY17
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)	3	3	3	3
Total	5	5	5	5

Budget Summary	FY14	FY15	FY16 Bdg	FY16 Prj	FY17
Personnel	\$ 256,811	\$ 235,257	\$ 263,090	\$ 251,919	\$ 328,894
Supplies	\$ 90,189	\$ 54,816	\$ 83,750	\$ 77,499	\$ 84,650
Contractual	\$ 36,677	\$ 32,133	\$ 39,060	\$ 39,492	\$ 40,660
Capital	\$ 340,114	\$ 271,760	\$ 431,000	\$ 446,557	\$ 454,000
Total	\$ 723,791	\$ 593,966	\$ 816,900	\$ 815,467	\$ 908,204

Significant Budget Changes

	Ongoing	One-Time	Total
Maintenance I Position	\$ -	\$ 51,786	\$ 51,786
Sweeper	\$ -	\$ 23,000	\$ 23,000
Compensation Package	\$ 430	\$ 7,240	\$ 7,670
Security Cameras	\$ -	\$ 2,500	\$ 2,500
	\$ 430	\$ 84,526	\$ 84,956

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, Flood Plain Management and other departments within the City. Engineering 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 Engineering Division 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.

FY15 or FY16 Noteworthy Accomplishments

- 1 Revised and created updated water and wastewater standard details and specifications
- 2 Managed capital improvement projects estimated over \$14,000,000
- 3 Created Three Year Water/Wastewater Rehabilitation Plan
- 4 Attended training and converted to AutoCAD software to prepare construction plans
- 5 Complete Wastewater Collection System Master Plan

FY17 Objectives

- 1 Update Impact Fee program
- 2 Update floodplain development application process
- 3 Update Floodplain Damage Prevention Ordinance
- 4
- 5

Water/Wastewater

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

Performance Dashboard

Workload Measures		FY14	FY15	FY16
1	Developer Reviews	544	649	840
2	Capital projects managed	6	7	15
3	In-house engineering designs completed	3	8	17
4				

Key Result Indicators

1	Percent increase in Developer Review	19.30%	29.43%
2	Percent increase in Capital projects managed	16.67%	114.29%
3	Percent increase in In-house engineering designs completed	166.67%	112.50%
4			

Position Summary	FY14	FY15	FY16	FY17
Dir. Of W/WW & Eng (Full Time)	1	1	0	0
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	4	4	3	3

Budget Summary	FY14	FY15	FY16 Bdg	FY16 Prj	FY17
Personnel	\$ 325,461	\$ 274,105	\$ 339,471	\$ 292,744	\$ 284,070
Supplies	\$ 1,903	\$ 2,155	\$ 22,662	\$ 22,214	\$ 8,546
Contractual	\$ 104,350	\$ 197,807	\$ 279,631	\$ 277,037	\$ 178,151
Capital	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 431,714	\$ 474,067	\$ 641,764	\$ 591,995	\$ 470,767

Significant Budget Changes

In FY17, the Director of Water/WW was reallocated into Department 402. Additionally, below is a list of approved supplemental items.

	Ongoing	One-Time	Total
Compensation Package	\$ 1,245	\$ -	\$ 1,245
Seminars And Training	\$ 240	\$ -	\$ 240
	\$ 1,485	\$ -	\$ 1,485

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

FY15 or FY16 Noteworthy Accomplishments

- 1 Awarded best wastewater plant in Texas for flows 1-15 MGD from WEAT
- 2 Upgraded U.V. for flow pacing.

FY17 Objectives

- 1 Stay in compliance with TCEQ
- 2 Replace 1 Gear box on the Orbal
- 3 Install a flow meter for the new plant WAS line
- 4 Replace the CL2 hoist
- 5 Install metal sides on the U.V. structure to prevent damage caused by rain

Water/Wastewater

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

Performance Dashboard

Workload Measures		FY14	FY15	FY16
1	Treated wastewater.	774 mg	801 mg	788 mg
2	Treatment cost per 1,000 gallons	0.93	1.15	1.04
3	Fines to the city by TCEQ	0	0	0

Budgetary Issues

Failure of existing major plant equipment could impact the budget.

Position Summary	FY14	FY15	FY16	FY17
WW Plant Manager (Full Time)	1	1	1	1
WW Plant Operator I (Full Time)	4	4	4	4
Total	5	5	5	5

Budget Summary	FY14	FY15	FY16 Bdg	FY16 Prj	FY17
Personnel	\$ 302,249	\$ 301,629	\$ 308,955	\$ 310,776	\$ 326,635
Supplies	\$ 133,334	\$ 119,258	\$ 176,900	\$ 173,758	\$ 170,447
Contractual	\$ 406,414	\$ 363,575	\$ 459,323	\$ 415,613	\$ 473,119
Capital	\$ 109,806	\$ 43,223	\$ 25,781	\$ 38,099	\$ 48,279
Total	\$ 951,803	\$ 827,685	\$ 970,959	\$ 938,246	\$ 1,018,480

Significant Budget Changes

	Ongoing	One-Time	Total
Compensation Package/Position Upgrades	\$ 13,815	\$ 6,705	\$ 20,520
Hoist Replacement	\$ -	\$ 15,863	\$ 15,863
Automatic Transfer Switch	\$ -	\$ 13,265	\$ 13,265
Sand Filter Structure Repairs	\$ -	\$ 13,150	\$ 13,150
Reducer- Gearbox	\$ -	\$ 12,516	\$ 12,516
Regulatory Testing And Monitoring	\$ 6,874	\$ -	\$ 6,874
Grating Replacement	\$ -	\$ 6,635	\$ 6,635
Hydro Tank Air Compressor Building	\$ -	\$ 4,583	\$ 4,583
Medical And Lab Supplies	\$ 3,900	\$ -	\$ 3,900
Service Agreement For Nuclear Test Operator II	\$ -	\$ 3,382	\$ 3,382
Operator II	\$ 2,270	\$ -	\$ 2,270
Belt Press Belts	\$ 1,450	\$ -	\$ 1,450
Regulatory Permit Fees	\$ 1,325	\$ -	\$ 1,325
Overtime	\$ 510	\$ -	\$ 510
	\$ 30,144	\$ 76,099	\$ 106,243

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	FY14	FY15	FY16 Bdg	FY16 Prj	FY17
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies	\$ -	\$ -	\$ -	\$ -	\$ -
Contractual	\$ 4,726,732	\$ 17,595,018	\$ 8,246,644	\$ 8,157,458	\$ 11,254,234
Capital	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 4,726,732	\$ 17,595,018	\$ 8,246,644	\$ 8,157,458	\$ 11,254,234

Significant Budget Changes

Given that FY17 represents the Utility's third and final round of its recently approved rate increases, the transfer of funds from this Division into the Utility's capital funds will increase significantly.

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	FY14	FY15	FY16 Bdg	FY16 Prj	FY17
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies	\$ -	\$ -	\$ -	\$ -	\$ -
Contractual	\$ 1,525,733	\$ 6,760,957	\$ 2,432,253	\$ 2,402,488	\$ 3,509,592
Capital	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 1,525,733	\$ 6,760,957	\$ 2,432,253	\$ 2,402,488	\$ 3,509,592

Significant Budget Changes

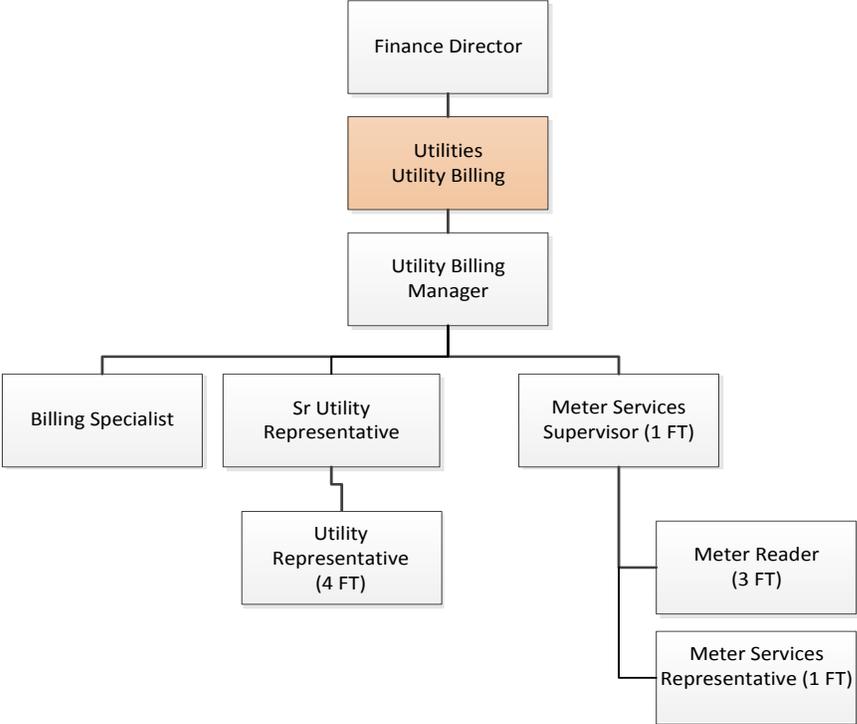
Given that FY17 represents the Utility's third and final round of its recently approved rate increases, the transfer of funds from this Division into the Utility's capital funds will increase significantly.



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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.



Utility Billing

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

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 15,500 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.
- 5 Help the City of Weatherford cash collection sites offer alternative methods to collect money.

FY15 or FY16 Noteworthy Accomplishments

- 1 Implemented the IVR (interactive voice response) payment system.
- 2 Created and implemented the mobile payment app.
- 3 Created and implemented an electronic utility application.
- 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.

FY17 Objectives

- 1 Improve efficiency on accounts that require collections and reduce the amount of cutoffs monthly.
- 2 Use phone call notification systems to reduce paper and postage.
- 3 Improve paperless billing features and bill notices.
- 4 Promote and market alternative ways to communicate to reduce walk in traffic.
- 5 FY17 Organizational Effectiveness Dashboard Tracking (to be reported in 2018 budget):
 - Uncollectable accounts per Revenue dollars
 - Secret Shopper Score

Utility Billing

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

Performance Dashboard

Workload Measures		FY13	FY14	FY15
1	Collections	2,000	1,450	800
2	Work Orders Printed	14,000	12,000	1,000
3	Phone calls		85,000	70,000

Key Result Indicators

- The IVR has processed over 13k payments which reduces phone calls for our department.
- We have over 500 applications that have been processed electronically which reduces walk in traffic.
- We are using PublicData software for new accounts and have searched over 1000 customers to reduce printing efforts.

Position Summary	FY14	FY15	FY16	FY17
Meter Services Supervisor (Full Time)	1	1	1	1
Billing Specialist (Full Time)	1	1	1	1
Meter Service Rep (Full Time)	1	1	1	1
Meter Reader (Full Time)	4	4	3	3
Customer Service Rep (Full Time)	3	3	4	4
Customer Service Rep (Part-Time)	1	1	0	0
Customer Service Manager (Full Time)	1	1	1	1
Sr. Customer Service Rep (Full Time)	1	1	1	1
Total	13	13	12	12

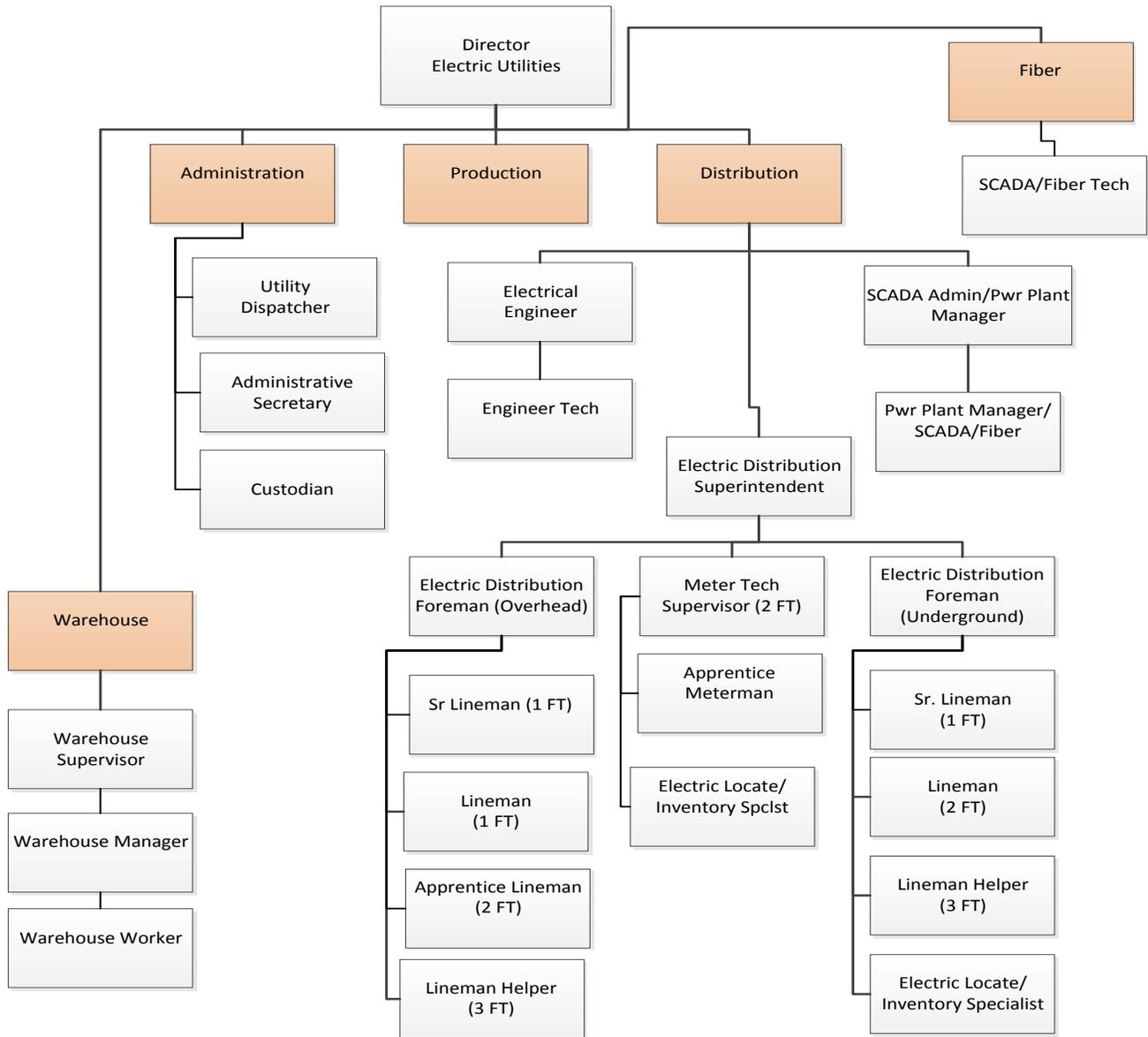
Budget Summary	FY14	FY15	FY16 Bdg	FY16 Prj	FY17
Personnel	\$ 672,342	\$ 665,312	\$ 649,875	\$ 660,659	\$ 684,758
Supplies	\$ 36,532	\$ 32,677	\$ 44,700	\$ 37,695	\$ 40,100
Contractual	\$ 426,458	\$ 445,871	\$ 471,799	\$ 472,381	\$ 476,689
Capital	\$ 40,638	\$ 37,058	\$ 60,446	\$ 65,046	\$ -
Total	\$ 1,175,970	\$ 1,180,919	\$ 1,226,820	\$ 1,235,780	\$ 1,201,547

Significant Budget Changes

	Ongoing	One-Time	Total
Compensation Package	\$ 1,030	\$ 16,990	\$ 18,020
	\$ 1,030	\$ 16,990	\$ 18,020

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.



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.

Electric Department

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

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.

FY17 Objectives

- FY17 Organizational Effectiveness Dashboard Tracking Indicators (to be reported in 2018 budget):
 - Operating Ratio
 - Total O&M Expense per kWh sold
 - Retail Customers per Employee
 - Customer Average Interruption Duration Index

Position Summary	FY14	FY15	FY16	FY17
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 Secretary (Full Time)	2	2	1	1
Total	8	8	7	7

Budget Summary	FY14	FY15	FY16 Bdg	FY16 Prj	FY17
Personnel	\$ 232,032	\$ 183,967	\$ 179,771	\$ 172,548	\$ 188,493
Supplies	\$ 12,079	\$ 15,009	\$ 17,000	\$ 16,369	\$ 16,250
Contractual	\$ 36,180	\$ 47,471	\$ 41,060	\$ 44,919	\$ 41,810
Capital	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 280,291	\$ 246,447	\$ 237,831	\$ 233,836	\$ 246,553

Significant Budget Changes

Administrative Assistant was reallocated to a different Department 402 in FY16. Additionally, below is a list of approved supplemental items.

	Ongoing	One-Time	Total
Compensation Package	\$ 260	\$ 6,035	\$ 6,295
	\$ 260	\$ 6,035	\$ 6,295

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.

FY15 or FY16 Noteworthy Accomplishments

- 1 Completed installation of 24% of advanced metering system electric meters.
- 2 Completed the design of the West Loop Substation.
- 3 Completed the majority of the feeders on Ric Williamson Highway.

FY17 Objectives

- 1 Continue full deployment of advanced metering system electric meters.
- 2 Complete construction of the West Loop Substation
- 3 Complete construction of new electric feeders on Ric Williamson Highway.
- 4 Complete transmission voltage upgrade at the Lake Weatherford Substation

Electric Department

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

Performance Dashboard

Workload Measures		FY13	FY14	FY15
1	Electric System Peak (Summer) (MW)	94.8	94.6	93
2	Electric System Peak (Winter) (MW)	83.8	99.7	93.6
3	Power Purchased (MWh)	390,623	408,450	410,584
4	Electric Customers	13,953	14,115	14,388

Key Result Indicators

1	System Electrical Losses	4.45%	4.66%	5.35%
2	Average Monthly Residential Rate (¢/kWh)	8.8	10.0	9.6
3	Average Customer Outage Time (minutes)	109	126	61
4	Average System Outage Time	23	5	16

Position Summary	FY14	FY15	FY16	FY17
Apprentice Lineman (Full Time)	1	1	1	1
Director of Electric Utilities (Full Time)	1	1	1	1
Electric Distribution Foreman (Full Time)	2	2	2	2
Electric Apprentice Meterman (Full Time)	0	0	1	1
Electric Distribution Superintendent (Full Time)	1	1	1	1
Electric Locate/Inventory Specialist (Full Time)	1	1	1	1
Electrical Engineer (Full Time)	1	1	1	1
Electrical Engineer Tech (Full Time)	0	1	1	1
Electric Distribution Apprentice Lineman (Full Time)	0	0	1	1
Lineman B (Full Time)	2	0	0	0
Lineman A (Full Time)	2	2	3	3
Lineman Helper Trainee (Full Time)	3	5	0	0
Lineman Helper (Full Time)	6	4	6	6
Meter Tech Supervisor (Full Time)	1	1	2	2
Journeyman/Meter Technician (Full Time)	1	1	0	0
Power Plant Manager/SCADA/Fiber (Full Time)	1	1	1	1
SCADA Admin/Power Plant Manager (Part Time)	1	1	1	1
Senior Lineman (Full Time)	0	2	2	2
Total	24	25	25	25

Budget Summary	FY14	FY15	FY16 Bdg	FY16 Prj	FY17
Personnel	\$ 2,053,347	\$ 1,896,872	\$ 2,141,948	\$ 2,157,050	\$ 2,227,673
Supplies	\$ 480,789	\$ 495,136	\$ 582,594	\$ 498,686	\$ 538,800
Contractual	\$ 967,356	\$ 1,147,027	\$ 1,398,550	\$ 1,365,186	\$ 1,264,167
Capital	\$ 2,207,185	\$ 2,191,477	\$ 3,088,689	\$ 3,037,702	\$ 2,820,000
Total	\$ 5,708,676	\$ 5,730,512	\$ 7,211,781	\$ 7,058,624	\$ 6,850,640

Significant Budget Changes

	Ongoing	One-Time	Total
Vehicle Reserve	\$ 220,000	\$ -	\$ 220,000
Substation Reserve	\$ 220,000	\$ -	\$ 220,000
Lineman Helper	\$ 46,400	\$ -	\$ 46,400
Compensation Package/Position Upgrades	\$ 11,843	\$ 32,520	\$ 44,363
SCADA/Fiber Tech Apprenticeship	\$ 3,646	\$ -	\$ 3,646
	\$ 501,889	\$ 32,520	\$ 534,409

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	FY14	FY15	FY16 Bdg	FY16 Prj	FY17
Personnel	\$ 80	\$ 51	\$ -	\$ -	\$ -
Supplies	\$ 1,025	\$ 588	\$ 6,000	\$ 6,000	\$ 6,000
Contractual	\$ 6,484	\$ 4,747	\$ 5,850	\$ 5,850	\$ 5,850
Capital	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 7,589	\$ 5,386	\$ 11,850	\$ 11,850	\$ 11,850



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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.

FY15 or FY16 Noteworthy Accomplishments

- 1 Participated in a CityWorks User's Conference presentation regarding the use of their software.
- 2 Participated in a CityWorks magazine publication regarding the use of their software.
- 3 Reorganized material locations in the warehouse to increase efficiency.

FY17 Objectives

- 1 Upgrade warehouse software to CityWorks version 2014
- 2 Continue reorganization of warehouse materials to increase efficiency.

Electric Department

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

Performance Dashboard

Workload Measures		FY13	FY14	FY15
1	Total Year-End Inventory		\$3,371,266	\$3,583,016
2	Annual Inventory Received		\$3,077,926	\$2,477,750
3	Annual Inventory Issued		\$1,998,929	\$2,378,603

Key Result Indicators

1	Annual Turns		0.59	0.66
2	Annual Inventory Loss		0.16%	0.48%

Position Summary	FY14	FY15	FY16	FY17
Warehouse Supervisor (Full Time)	1	1	1	1
Warehouse Manager (Full Time)	1	1	1	1
Warehouse Worker (Full Time)	1	1	1	1
Total	3	3	3	3

Budget Summary	FY14	FY15	FY16 Bdg	FY16 Prj	FY17
Personnel	\$ 134,993	\$ 166,892	\$ 192,718	\$ 180,995	\$ 195,749
Supplies	\$ 11,253	\$ 18,689	\$ 162,175	\$ 161,675	\$ 100,175
Contractual	\$ 70,247	\$ 114,481	\$ 81,460	\$ 68,025	\$ 71,460
Capital	\$ 30,048	\$ -	\$ 188,000	\$ 187,489	\$ -
Total	\$ 246,542	\$ 300,062	\$ 624,353	\$ 598,185	\$ 367,384

Significant Budget Changes

	Ongoing	One-Time	Total
Compensation Package	\$ 260	\$ 4,022	\$ 4,282
	\$ 260	\$ 4,022	\$ 4,282

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.

FY15 or FY16 Noteworthy Accomplishments

- 1 Installed fiber to the Parker County Hospital District ambulance center.
- 2 Installed additional fiber to the Weatherford Regional Medical Center.
- 3 Installed fiber to the Mount Pleasant School.

FY17 Objectives

- 1 Install fiber to the College Park and Miller water towers.
- 2 Upgrade electric substation communication system.

Electric Department

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

Performance Dashboard

Workload Measures		FY13	FY14	FY15
1	Customers		5	6

Key Result Indicators

1	Revenues		\$99,519	\$174,168
2	Expenditures			\$154,577
3	Net Revenue			\$19,591

Position Summary	FY14	FY15	FY16	FY17
Scada/Fiber Tech (Full Time)	0	1	1	1
Total	0	1	1	1

Budget Summary	FY14	FY15	FY16 Bdg	FY16 Prj	FY17
Personnel	\$ 285	\$ 59,439	\$ 65,100	\$ 64,987	\$ 66,671
Supplies	\$ -	\$ 3,648	\$ 11,450	\$ 11,450	\$ 11,450
Contractual	\$ -	\$ 16,087	\$ 29,850	\$ 29,300	\$ 29,850
Capital	\$ -	\$ 74,204	\$ 73,000	\$ 73,000	\$ 63,000
Total	\$ 285	\$ 153,378	\$ 179,400	\$ 178,737	\$ 170,971

Significant Budget Changes

This Division was formally created in FY15. Additionally, below is a list of approved supplemental items.

	Ongoing	One-Time	Total
Compensation Package	\$ 86	\$ 1,340	\$ 1,426
	\$ 86	\$ 1,340	\$ 1,426

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	FY14	FY15	FY16 Bdg	FY16 Prj	FY17
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies	\$ -	\$ -	\$ -	\$ -	\$ -
Contractual	\$ 31,089,332	\$ 32,665,163	\$ 26,642,956	\$ 21,924,479	\$ 20,976,476
Capital	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 31,089,332	\$ 32,665,163	\$ 26,642,956	\$ 21,924,479	\$ 20,976,476

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.

Impact Fee Funds

Wastewater Impact Fund (41)

	Actual FY14	Actual FY15	Budgeted FY16	Projected FY16	Budgeted FY17
Beginning Fund Balance	\$ 2,009,446	\$ 640,993	\$ 1,073,761	\$ 1,073,761	\$ 1,474,761
<u>Revenues</u>					
Interest Income	\$ 370	\$ 60	\$ 2,000	\$ 1,000	\$ 1,000
Impact Fees	\$ 431,176	\$ 432,708	\$ 100,000	\$ 400,000	\$ 250,000
Total Revenues	\$ 431,546	\$ 432,768	\$ 102,000	\$ 401,000	\$ 251,000
Total Expenditures	\$ 1,800,000	\$ -	\$ -	\$ -	\$ 1,474,761
Over/(Under)	\$ (1,368,454)	\$ 432,768	\$ 102,000	\$ 401,000	\$ (1,223,761)
Ending Fund Balance	\$ 640,993	\$ 1,073,761	\$ 1,175,761	\$ 1,474,761	\$ 251,000

Water Impact Fee Fund (40)

	Actual FY14	Actual FY15	Budgeted FY16	Projected FY16	Budgeted FY17
Beginning Fund Balance	\$ 3,013,772	\$ 590,272	\$ 564,609	\$ 564,609	\$ 614,759
<u>Revenues</u>					
Interest Income	\$ 536	\$ 12	\$ 150	\$ 150	\$ 150
Impact Fees	\$ 575,964	\$ 613,333	\$ 450,000	\$ 500,000	\$ 450,000
Total Revenues	\$ 576,500	\$ 613,345	\$ 450,150	\$ 500,150	\$ 450,150
Total Expenditures	\$ 3,000,000	\$ 639,008	\$ 588,000	\$ 450,000	\$ 600,000
Over/(Under)	<u>\$ (2,423,500)</u>	<u>\$ (25,663)</u>	<u>\$ (137,850)</u>	<u>\$ 50,150</u>	<u>\$ (149,850)</u>
Ending Fund Balance	\$ 590,272	\$ 564,609	\$ 426,759	\$ 614,759	\$ 464,909



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Appendix: Debt Service Schedules

**Appendix:
Debt Service Schedule**

Utility Debt Summary

The Municipal Utility currently maintains 208 miles of sanitary sewer, 272 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 FY17 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 9/30/2015	381,905
Revenues Projected FY16	5,648,819
Expenses Projected FY16	5,648,819
Current Year-End Projection Fund Balance	381,905
Revenues Projected FY17	5,642,099
Expenses Projected FY17	5,642,099
Projected Year-End Fund Balance FY17	381,905

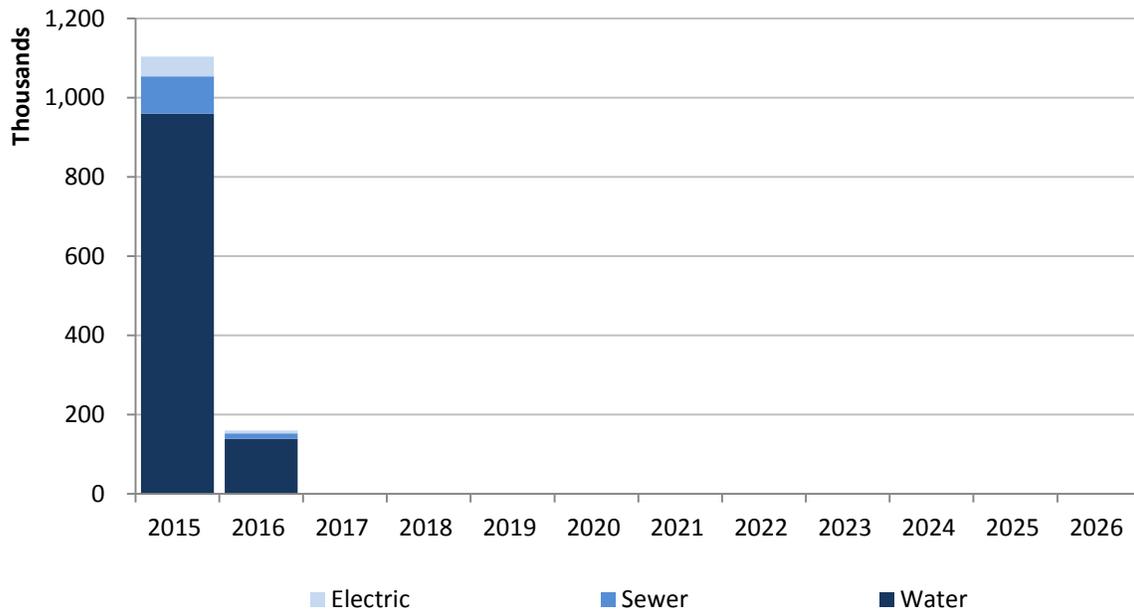
**Appendix:
Debt Service Schedule**

Utility System Revenue Bonds - Series 2006

Future Debt Requirements

Year Ending 09/30	Principal Due 09/01	Interest Due 03/01	Interest Due 09/01	Total Requirement
2016	160,000	-	-	160,000
Total	160,000	-	-	160,000

Series 2006 Debt Service by Utility



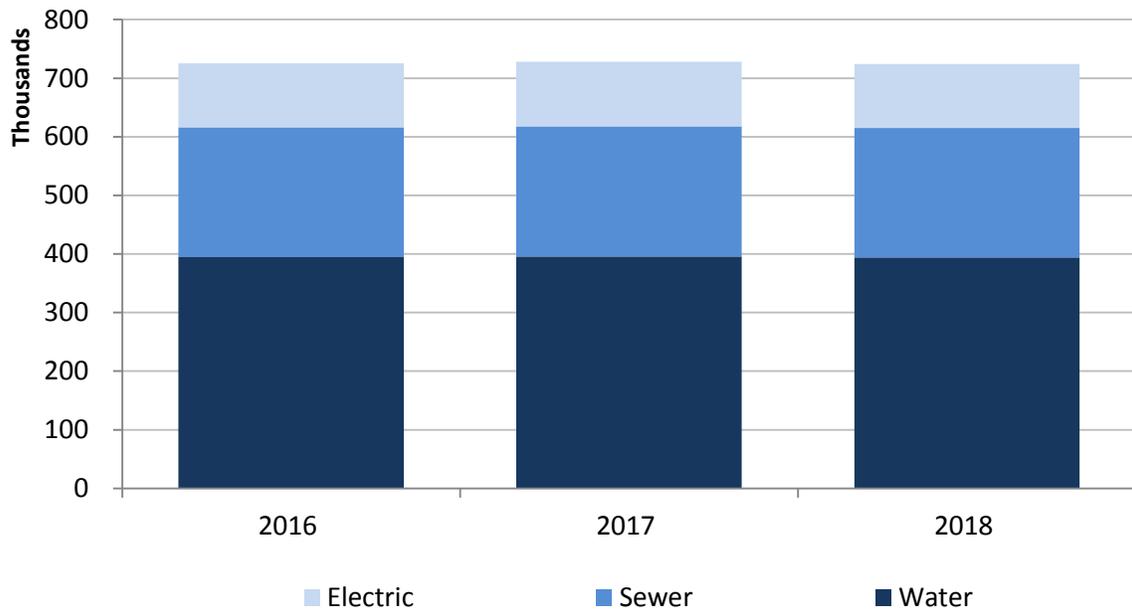
**Appendix:
Debt Service Schedule**

Utility System Revenue Refunding Bonds - Series 2008

Future Debt Requirements

Year Ending 09/30	Principal Due 09/01	Interest Due 03/01	Interest Due 09/01	Total Requirement
2016	655,000	35,206	35,206	725,411
2017	680,000	23,874	23,874	727,748
2018	700,000	12,110	12,110	724,220
Total	2,035,000	71,190	71,190	2,177,379

Series 2008 Debt Service by Utility

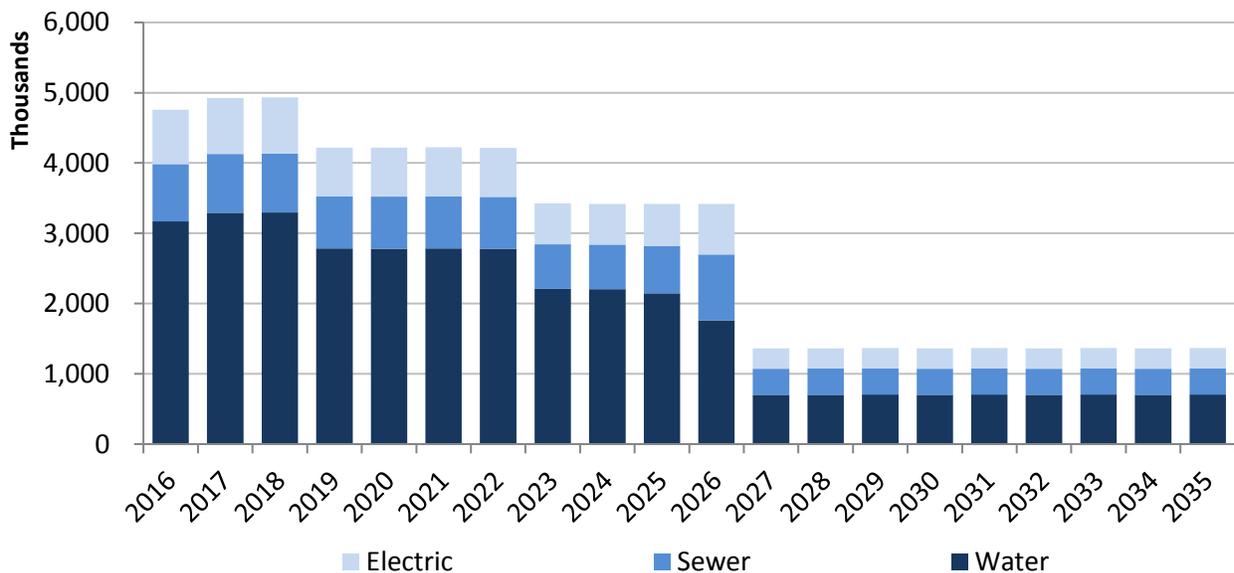


**Appendix:
Debt Service Schedule**

Utility System Revenue Refunding Bonds - Series 2015

Future Debt Requirements

Year Ending 09/30	Principal Due 09/01	Interest Due 03/01	Interest Due 09/01	Total Requirement
2016	2,840,000	958,344	958,344	4,756,688
2017	3,095,000	915,744	915,744	4,926,488
2018	3,225,000	853,844	853,844	4,932,688
2019	2,675,000	773,219	773,219	4,221,438
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
	41,015,000	8,214,910	8,214,910	57,444,819



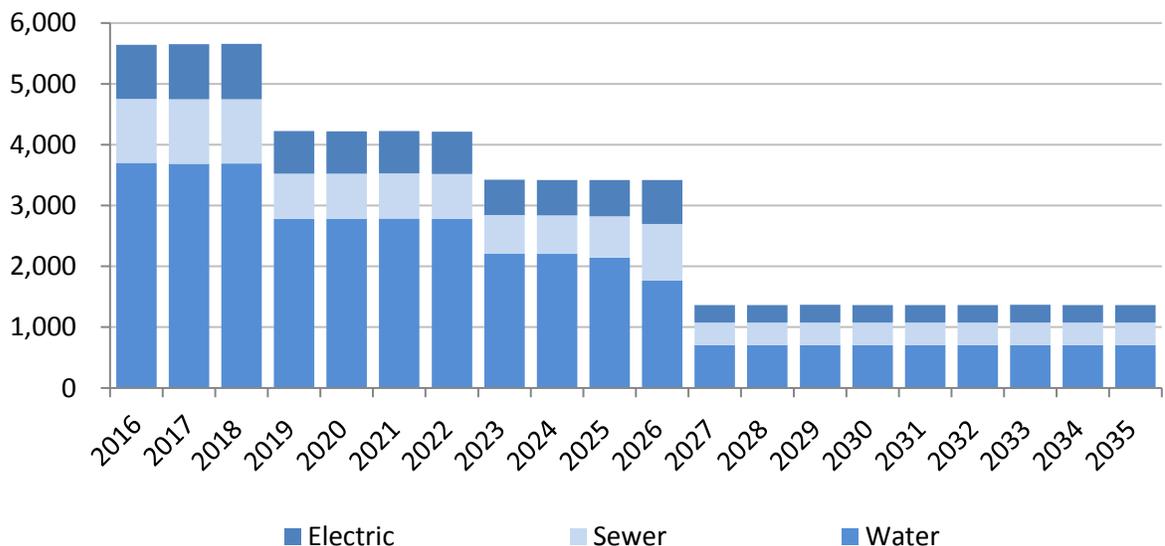
**Appendix:
Debt Service Schedule**

Utility System Revenue Bonds

Future Debt Requirements

Year Ending 09/30	Principal Due 09/01	Interest Due 03/01	Interest Due 09/01	Total Requirement
2016	3,655,000	993,550	993,550	5,642,099
2017	3,775,000	939,618	939,618	5,654,236
2018	3,925,000	865,954	865,954	5,656,908
2019	2,675,000	773,219	773,219	4,221,438
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
43,210,000	8,286,099	8,286,099	59,782,198	

Total Debt Service by Utility



Appendix: Supplemental Funding Items

Electric Utility

Desc/Title	Type	Total Request	Ongoing	One-Time
Substation Reserve	Reserve	\$ 220,000	\$ 220,000	\$ -
Vehicle Reserve	Reserve	\$ 220,000	\$ 220,000	\$ -
Compensation Package/Position Upgrades	Personnel	\$ 56,366	\$ 12,449	\$ 43,917
Lineman Helper	Personnel	\$ 46,400	\$ 46,400	\$ -
SCADA/Fiber Technician Apprenticeship	Personnel	\$ 3,646	\$ 3,646	\$ -
		\$ 546,412	\$ 502,495	\$ 43,917

Utility Billing

Desc/Title	Type	Total Request	Ongoing	One-Time
Compensation Package	Personnel	\$ 18,020	\$ 1,030	\$ 16,990
		\$ 18,020	\$ 1,030	\$ 16,990

Water/Wastewater Utility

Desc/Title	Type	Total Request	Ongoing	One-Time
Compensation Package/Position Upgrades	Personnel	\$ 121,243	\$ 52,918	\$ 68,325
Critical Circuit Breaker Replacement	Capital	\$ 53,639	\$ -	\$ 53,639
Maintenance I Position	Personnel	\$ 51,786	\$ -	\$ 51,786
Amiad Strainer	Capital	\$ 36,613	\$ -	\$ 36,613
Truck	Capital	\$ 35,000	\$ -	\$ 35,000
Sweeper	Capital	\$ 23,000	\$ -	\$ 23,000
Light Tower/ Generator	Capital	\$ 20,100	\$ -	\$ 20,100
Regulatory Testing And Monitoring	Supplies	\$ 16,874	\$ 16,874	\$ -
Chemical Pipe Insulation	Supplies	\$ 16,234	\$ -	\$ 16,234
Hoist Replacement	Capital	\$ 15,863	\$ -	\$ 15,863
Jet Scan Camera	Supplies	\$ 15,200	\$ -	\$ 15,200
Upgrade Plant UPS	Capital	\$ 14,413	\$ -	\$ 14,413
Automatic Transfer Switch	Capital	\$ 13,265	\$ -	\$ 13,265
Sand Filter Structure Repairs	Capital	\$ 13,150	\$ -	\$ 13,150
Backhoe Vehicle Rotation	Capital	\$ 13,000	\$ 13,000	\$ -
Vehicle Parts & Labor	Supplies	\$ 12,650	\$ 12,650	\$ -
Reducer- Gearbox	Capital	\$ 12,516	\$ -	\$ 12,516
Street Repair Increase	Capital	\$ 11,000	\$ 11,000	\$ -
Chemicals	Supplies	\$ 8,032	\$ 8,032	\$ -
Grating Replacement	Capital	\$ 6,635	\$ -	\$ 6,635
Overtime	Personnel	\$ 6,515	\$ 6,515	\$ -
Boring Tool	Supplies	\$ 6,000	\$ -	\$ 6,000
Medical And Lab Supplies	Supplies	\$ 5,900	\$ 5,900	\$ -
Emerson 475 Field Communicator	Supplies	\$ 5,574	\$ -	\$ 5,574
Easement /ROW Maintenance	Maintenance	\$ 5,000	\$ 5,000	\$ -
Hydro Tank Air Compressor Building	Capital	\$ 4,583	\$ -	\$ 4,583
Truck Vehicle Rotation	Capital	\$ 4,500	\$ 4,500	\$ -

Water/Wastewater Utility (Cont.)

Desc/Title	Type	Total Request	Ongoing	One-Time
Leak Detector	Supplies	\$ 3,600	\$ -	\$ 3,600
Service Agreement For Nuclear Test Equipment	Supplies	\$ 3,382	\$ -	\$ 3,382
Uniforms	Supplies	\$ 2,810	\$ 2,810	\$ -
Security Cameras	Capital	\$ 2,500	\$ -	\$ 2,500
Operator II	Personnel	\$ 2,270	\$ 2,270	\$ -
Seminars And Training	Personnel	\$ 1,600	\$ 1,600	\$ -
Belt Press Belts	Supplies	\$ 1,450	\$ 1,450	\$ -
Regulatory Permit Fees	Supplies	\$ 1,325	\$ 1,325	\$ -
Computer For Meter Shop	Supplies	\$ 1,000	\$ -	\$ 1,000
Office Supplies	Supplies	\$ 800	\$ 800	\$ -
Safety Equipment	Supplies	\$ 800	\$ 800	\$ -
Food / Meal Expenses	Supplies	\$ 790	\$ 790	\$ -
Computers And Office Equipment	Supplies	\$ 200	\$ 200	\$ -
		\$ 570,812	\$ 148,434	\$ 422,378



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Appendix: Transfer Calculations and Sample Ordinance

Appendix: Transfer Calculations and Sample Ordinance

Transfer Calculations

Return on Investment Transfer Calculations

	Est Volume	Unit Rate	Transfer
Electric kWh Sales	385,000,000	0.0056	2,156,000
Water Sales (1,000 gallons)	1,250,000	0.2469	308,625
Wastewater Treated (1,000 gallons)	810,000	0.2716	219,996

Gross Receipts Charge Transfer Calculations

	Est Volume	Unit Rate	Transfer
Electric kWh Sales	385,000,000	0.0044	1,694,000
Water Sales (1,000 gallons)	1,250,000	0.2223	277,875
Wastewater Treated (1,000 gallons)	810,000	0.1975	159,975

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
Administration	703,085	50%	351,543	175,771	87,886	87,886
Public Relations	117,547	50%	58,774	29,387	14,693	14,693
Emergency Management	96,845	50%	48,423	24,211	12,106	12,106
OMB	197,251	50%	98,626	56,627	31,216	10,783
HR	395,202	40%	158,081	62,851	95,224	-
Finance	529,650	50%	264,825	152,051	83,821	28,953
City Attorney	137,490	33%	45,830	22,915	11,458	11,458
ED	242,481	50%	121,241	60,620	30,310	30,310
Fiber (credit)	(50,000)	100%	(50,000)	(50,000)	-	-
City Hall	(65,304)	100%	(65,304)	(32,652)	(16,326)	(16,326)
Graduate Engineer	(82,500)	33%	(27,500)	-	(13,750)	(13,750)
Lake Maintenance	280,000	100%	280,000	-	280,000	-
Information Technology	1,919,293	37%	702,278	395,751	153,266	153,266
Audit Svcs	55,500	40%	22,200	11,100	5,550	5,550
Total	4,476,542		2,009,015	908,633	775,454	324,928

Summary of All Transfers

Type	Actual FY13	Actual FY14	Projected FY15	Proposed FY16	Increase/(Decrease)
Gross Receipts Fee	2,105,277	2,134,226	2,153,025	2,131,850	(2,376)
Return on Investment	2,644,646	2,689,055	2,712,741	2,684,621	(4,434)
Street Maintenance Transfer	30,626	11,851	11,851	20,000	8,149
Administrative Services	1,854,567	1,924,860	1,961,917	2,009,015	47,098
	6,635,117	6,759,992	6,839,534	6,845,486	48,437



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RESOLUTION XXXXX

A RESOLUTION OF THE BOARD OF TRUSTEES OF THE MUNICIPAL UTILITY SYSTEM OF THE CITY OF WEATHERFORD, TEXAS, ADOPTING A BUDGET FOR THE FISCAL YEAR ENDING SEPTEMBER 30, 2013 AND MAKING APPROPRIATIONS FOR THE SEVERAL DEPARTMENTS FOR SAID YEAR IN ACCORDANCE WITH THE CHARTER AND ORDINANCES OF THE CITY OF WEATHERFORD, TEXAS, AND THE LAWS OF THE STATE OF TEXAS; REPEALING ALL

WHEREAS, the Board of Trustees finds that all provisions pertaining to the adoption of a budget contained in the City Charter and Ordinances of said City, and the laws of the State have been in all things complied with, and

WHEREAS, after full and final consideration, the Board of Trustees is of the opinion that the revised budget should be approved and adopted, and that appropriations for the several departments for said fiscal year should be amended as proposed.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE WEATHERFORD MUNICIPAL UTILITY SYSTEM OF THE CITY OF WEATHERFORD, TEXAS:

Section 1: That the budget estimate of the revenue of the Municipal Utility System of the City of Weatherford, Texas, and the expenses of conducting the affairs thereof for the fiscal year ending September 30, 2013 as submitted to the Board of Trustees by the Manager of said Municipal Utility System, be, and the same is, in all things adopted and approved as the budget estimate of all current expenses and fixed charges against said Municipal Utility System City for the fiscal year ending September 30, 2013.

Section 2: That there be, and hereby are appropriated the following sums of money for each of the designated departments, purposes, and uses for the current year ending September 30, 2016, being within and as provided in said budget, to-wit:

Utilities Fund	Adopted (\$)
Electric	
Administration	246,553
Distribution	6,850,640
Production	11,850
Warehouse	367,384
Fiber	170,971
Non Departmental	20,976,476
Total	28,623,874
Water	
Administration	503,412
Maintenance	1,213,915
Rehabilitation	449,602
Engineering	235,383
Treatment Plant	2,755,016
Non Departmental	11,254,234
Total	16,411,562

Utilities Fund	Adopted (\$)
Wastewater	
Administration	484,076
Maintenance	1,054,861
Rehabilitation	458,602
Engineering	235,383
Treatment Plant	1,018,480
Non Departmental	3,509,592
Total	6,760,994
Total Utilities Fund	51,796,430
Finance	
Customer Service	1,201,547
Total	1,201,547
Total Customer Services Fund	1,201,547
Capital Funds	Adopted (\$)
Water Capital Fund	7,740,065
Wastewater Capital Fund	2,045,523
Electric Capital Fund	12,952
Total Utilities Reserve Fund	9,798,540

for the reasonable and proper expenditures of so much of each of said sum as aforesaid itemized, not in excess of the amounts designated, as may be necessary for the operation of said Departments, purposes and uses, by the persons and in the manner provided and authorized by law.

The above and foregoing resolution was passed, approved and adopted by the Board of Trustees of the Weatherford Municipal Utility System of the City of Weatherford, Texas, by the following vote:
 Ayes____, Nays____at a meeting of the Board held on the 24th day of September, 2015.

 Dennis Hooks, Mayor and Chairperson

ATTEST:

 Malinda Nowell, City Secretary

APPROVED AS TO FORM:

 Ed Zellers, City Attorney