



City of Franklin, Tennessee

FY 2018 Operating Budget

Water Management

	2015 Actual	2016 Actual	2017		2018 Budget	2017 v. 2018	
			Budget	Estimated		\$	%
Beginning Balance*	14,284,304	18,470,570	26,107,963	26,107,963	26,663,283		
Revenues	25,108,823	27,467,913	25,948,977	28,046,484	29,870,330	3,921,353	15.1%
Expenses							
Personnel	4,944,757	5,307,251	6,173,893	5,886,776	6,393,912	220,019	3.6%
Operations	11,334,843	13,234,181	13,193,729	13,135,433	13,864,787	671,058	5.1%
Capital	4,642,956	1,289,088	6,026,035	4,671,691	5,509,000	(517,035)	-8.6%
Expenses	20,922,557	19,830,520	25,393,657	23,693,900	25,767,699	374,042	1.5%
Ending Balance*	18,470,570	26,107,963	26,663,283	30,460,547	30,765,913		

Budget Summary - By Division

	2015 Actual	2016 Actual	2017		2018 Budget	2017 vs. 2018	
			Budget	Estimated		\$	%
Beginning Balance*	14,284,304	18,470,570	26,107,963	26,107,963	26,663,283		
Revenues	25,108,823	27,467,913	25,948,977	28,046,484	29,870,330	3,921,353	15.1%
Expenses							
Water	8,926,520	9,824,642	10,555,510	10,576,004	11,866,065	1,310,555	12.4%
Wastewater	11,831,590	9,922,764	14,634,073	12,932,337	13,695,560	(938,513)	-6.4%
Reclaimed	164,447	83,114	204,075	185,560	206,075	2,000	1.0%
Expenses	20,922,557	19,830,520	25,393,657	23,693,900	25,767,699	374,042	1.5%
Ending Balance*	18,470,570	26,107,963	26,663,283	30,460,547	30,765,913		

*Beginning and Ending Balance representative of the cash basis of the Enterprise Fund. Does not include accrual of fixed assets.

Departmental Summary

The Water Management Department's vision, in support of the City's vision statement, is to continually strive to enhance quality of life through exceptional, responsive, and cost effective water resources services. These services include drinking water treatment and distribution, wastewater collection and treatment, and reclaimed water distribution for customers located primarily in the City of Franklin.

To achieve this vision it is necessary to safely and efficiently deliver drinking water, sanitary sewer and reclaimed water services to our customers. The Water Management Department continues to evolve through formalization and refinement of practices and through the implementation of the Integrated Water Resources Plan.



City of Franklin, Tennessee

FY 2018 Operating Budget

Water Management

Departmental Summary (con't)

The 2018 and 2019 biennial budget was developed to further refine operations to achieve the department's vision, in support of the City of Franklin's goals and objectives. Revenues and expenditures for each division are presented in consolidated Sections as follows:

Division	Section
Water Distribution	Water
Water Treatment	Water
Utility Billing	Water
Wastewater Collection	Wastewater
Wastewater Treatment	Wastewater
Utility Administration	Wastewater
Reclaimed Water	Reclaimed Water

Water and wastewater are independent business units of the City of Franklin and are required to be self-sufficient entities. These utilities are not subsidized by local taxes, reimbursing the General Fund monies to cover the costs of administrative oversight and support services such as payroll, human resources, finance and engineering. Reclaimed water, while presented as its own section, is an alternative disposal method of treated sanitary sewer. This disposal method in effect, increases the discharge capacity of the wastewater treatment plant (primarily during summer months) and provides a cost effective source of irrigation water within the reclaimed water distribution system while providing revenue to support its operation.

Forecasts for the Water & Wastewater functions, both operations and capital, can be found in Appendix I.



City of Franklin, Tennessee

FY 2018 Operating Budget

Performance Measures

How a community utilizes its resources must be governed in accordance with its citizens wishes and its plans for the future. Therefore, beginning in FY 2015, The City of Franklin has established **FranklinForward : A Vision for 2033**. This Strategic Plan has specific and demonstrable objectives for each department which, when achieved individually, will cohesively move Franklin forward to meet the challenges and demands of the future.

Each budget has a series of performance measures and benchmarks attached to it which demonstrate the workload, effectiveness and outcome of taxpayer support for the annual operations of the City of Franklin and its pursuit of the goals of the Strategic Plan. Together, these measures demonstrate a proper and diligent use of taxpayer dollars in the pursuit of a greater community.



FranklinForward : A Vision for 2033 | Objectives for Developing a Strategic Plan

Theme: A Safe Clean and Livable City



Franklin will provide high-quality water and wastewater treatment services that will meet the needs of our growing community.

Franklin will establish standards for the quality of its infrastructure (i.e., water lines, sewer services)

Goal: To have a reliable, efficient, and scalable infrastructure

Baseline: Baseline energy costs for water and sewage delivery is \$1,595,352 (FY2012 sum actual expenditures from water fund and wastewater fund)

Baseline: Baseline of unaccounted water within the system is 20.8% (FY2012)

Baseline: Baseline of sanitary score is 97 (2012)

Franklin will continue to meet or exceed regulatory requirements for water quality.

Goal: To have no violations of regulatory requirements for water quality.

Baseline: Zero water quality violations in 2012. (TN Dept. of Environment & Conservation monitoring requirements and regulatory standards.)

Franklin will pursue completion of the recently approved Integrated Water Resource Plan (IWRP) by 2042.

Goal: To fully complete the Franklin Integrated Water Resource Plan by 2042 in five year increments as set in the plan.

Baseline: 5% completed (2012). (Franklin Integrated Water Resource Plan.)

Baseline: Adopted Strategic Schedule for each of the 5-year increments. (2013).

Franklin will be a model for environmental quality and a sustainable city.

Goal: Franklin will achieve platinum status within the TVA sustainable Communities Program.

[Baseline: Achieved Goal status, 2013]

Key:	Strategic Plan: FranklinForward	
	Sustainable Franklin	
	Tennessee Municipal Benchmarking Project	

Workload (Output) Measures

		2014	2015	2016*	2017*	2018*
	Water Production (in MGD) - Average	1.34	1.60	1.21	1.40	1.40
	Water Production (in MGD) - Maximum	2.78	2.66	2.35	2.50	2.50

Efficiency Measures

		2014	2015	2016*	2017*	2018*
	TBD					



City of Franklin, Tennessee

FY 2018 Operating Budget

Performance Measures

Outcome (Effectiveness) Measures

		2014	2015	2016	2017*	2018*
1	Franklin will establish standards for the quality of its infrastructure (i.e., water lines, sewer services)					
	Goal: To have a reliable, efficient, and scalable infrastructure					
	Declining or steady energy costs for water and sewage delivery	\$ 1,543,096	\$ 1,293,381	\$ 1,568,533	\$ 1,729,025	\$ 1,480,458
	Target (FY2012 sum actual expenditures from water fund and wastewater fund)	\$ 1,595,352	\$ 1,595,352	\$ 1,595,352	\$ 1,595,352	\$ 1,595,352
	Meets Target?	Yes	Yes	No	TBD	TBD
	Unaccounted water within the system decreases	16%	16%	16%	16%	16%
	Target (20.8% unaccounted for in FY 2012)	20.8%	20.8%	20.8%	20.8%	20.8%
	Meets Target?	Yes	Yes	Yes	TBD	TBD
	Sanitary score remains or improves	Yes	TBD	TBD	TBD	TBD
	Target (97 from FY 2012)	97	97	97	97	97
	Meets Target?	Yes	Yes	Yes	TBD	TBD
2	Franklin will continue to meet or exceed regulatory requirements for water quality.					
	Goal: To have no violations of regulatory requirements for water quality.					
	Franklin Water Quality Violations	0	0	0	0	0
	Target (TN Dept. of Environment & Conservation monitoring requirements and regulatory standards.)	0	0	0	0	0
	Meets Target?	Yes	Yes	Yes	TBD	TBD
3	Franklin will pursue completion of the recently approved Integrated Water Resource Plan (IWRP) by 2042.					
	Goal: To fully complete the Franklin Integrated Water Resource Plan by 2042 in five year increments as set in the plan.					
	5% completed (2012). (Franklin Integrated Water Resource Plan.)	10.0%	11.0%	12.0%	15.0%	15.0%
	Target	10.0%	11.0%	12.0%	15.0%	15.0%
	Meets Target?	Yes	Yes	Yes	TBD	TBD
	Baseline: Adopted Strategic Schedule for each of the 5-year increments. (2013).					
	Franklin Status	Adopted	Adopted	Adopted	Adopted	Adopted
	Target (Adopted?)	Adopted	Adopted	Adopted	Adopted	Adopted
	Meets Target?	Yes	Yes	Yes	TBD	TBD
	Franklin will achieve platinum status within the TVA sustainable Communities Program.					
	Franklin status	Gold	Gold	Platinum	TBD	TBD
	Target (Platinum)	Platinum	Platinum	Platinum	Platinum	Platinum
	Meets Target?	No	No	Yes	TBD	TBD

*2017 and 2018 are estimates



City of Franklin, Tennessee

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Staffing by Position

Position	Pay Grade	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
		F-T	F-T	F-T	F-T	F-T
Water Section						
Utility Billing						
Meter Reader Sr	C	1	1	1	1	1
Meter Reader	B	2	2	2	2	2
TOTALS		3	3	3	3	3
Water Distribution						
Service Division Superintendent	I	1	1	1	1	1
Water Distribution Assistant Superintendent	G	1	1	1	1	1
Utilities Crew Chief	E	3	3	3	3	3
Backflow Inspector	E	2	2	2	2	2
Administrative Assistant	D	1	1	1	1	1
Inventory Specialist	D	1	1	1	1	1
Equipment Operator	D	2	2	2	3	3
Utility Locate Technician	TBD	0	0	0	2	2
Utility Service Worker	C	4	4	4	4	4
TOTALS		15	15	15	18	18
Water Treatment Plant						
Water Treatment Superintendent	H	1	1	1	1	1
Water Treatment Assistant Superintendent	G	1	1	1	1	1
Water Operator Sr	E	5	5	5	5	5
Water Operator 2	TBD	2	2	2	0	0
Administrative Assistant	D	1	1	1	1	1
Water Operator	D	3	3	3	5	5
TOTALS		13	13	13	13	13
Water Section Totals		31	31	31	34	34
Wastewater Section						
Utility Administration						
Director	L	1	1	1	1	1
Assistant Director of Operations	J	1	1	1	1	1
Assistant Director of Administration and Policy	J	1	1	1	1	1
GIS Analyst	E	1	1	1	1	1
Administrative Assistant	D	1	0	0	1	1
Administrative Secretary	B	0	1	1	0	0
Utility Inspector	F	3	3	3	3	3
Senior Utility Inspector	G	0	1	1	1	1
Office Manager	F	1	1	1	1	1
Utilities Engineer II	H	1	1	1	2	2
Grounds Worker	B	2	2	2	2	2
TOTALS		12	13	13	14	14
Wastewater Collection						
Wastewater Collection Assistant Superintendent	G	1	1	1	1	1
Construction Supervisor	TBD	1	1	1	1	1
TV Truck Sewer Inspector	D	2	2	2	2	2
Maintenance Technician	E	0	4	4	4	4
Utilities Crew Chief	E	3	3	3	3	3



City of Franklin, Tennessee

FY 2018 Operating Budget

Staffing by Position

Position	Pay Grade	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
		F-T	F-T	F-T	F-T	F-T
Equipment Operator	D	2	2	3	3	3
Sewer Equipment Technician	D	4	4	4	4	4
Utility Locate Technician	TBD	0	0	0	2	2
Utility Service Worker	C	5	5	5	5	5
TOTALS		18	22	23	25	25

Water Reclamation

Water Reclamation Superintendent	I	1	1	1	1	1
Assistant Water Reclamation Superintendent	G	1	1	1	1	1
Pretreatment Coordinator	F	1	1	1	1	1
Wastewater Operator Sr	E	5	5	5	5	5
Maintenance Technician	E	0	1	1	1	1
Equipment Operator	D	2	2	2	2	2
Wastewater Operator	D	8	8	8	8	8
TOTALS		18	19	19	19	19

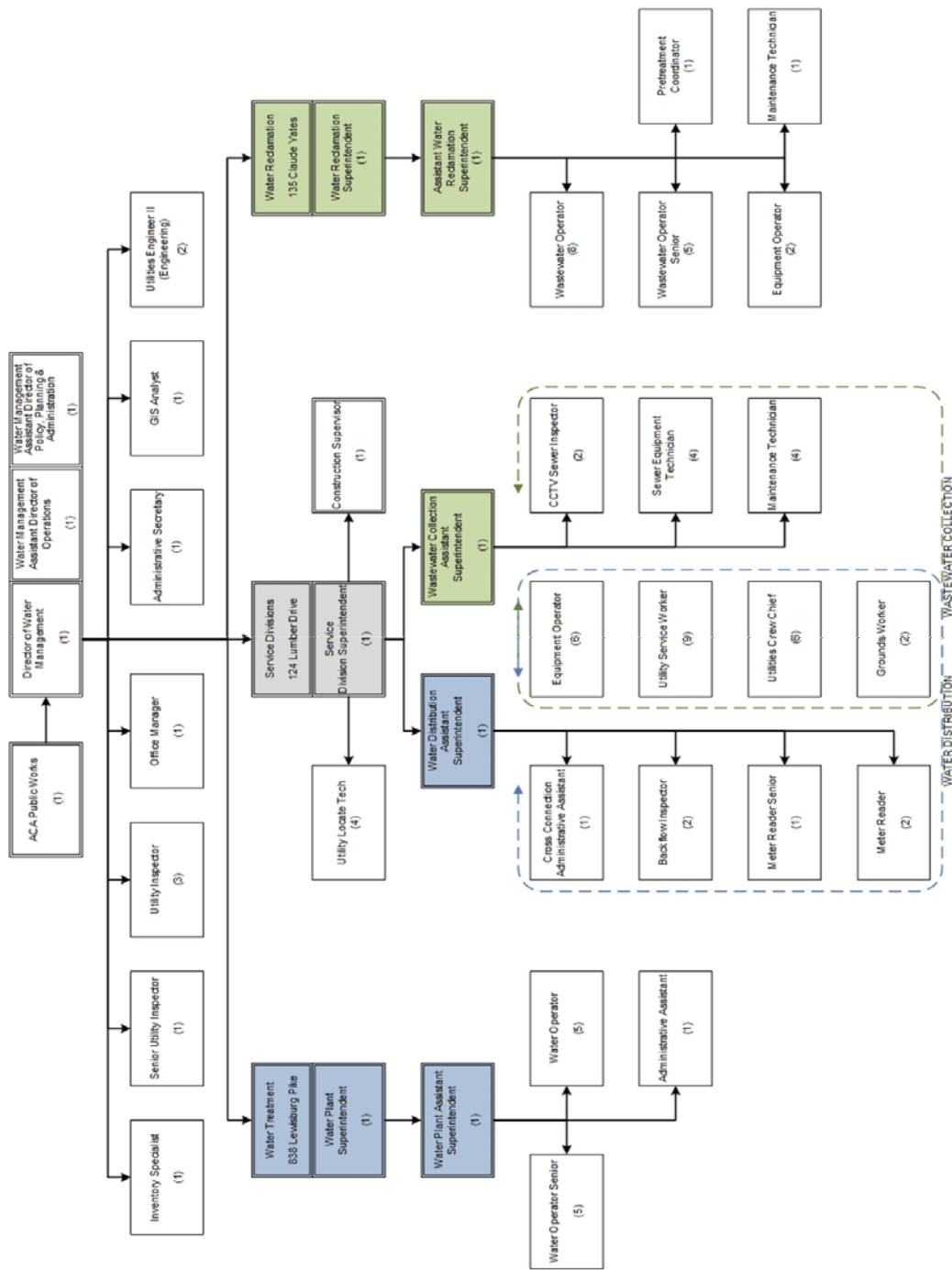
WASTEWATER SECTION TOTALS	48	54	55	58	58
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Total All Employees, Water & Wastewater	79	85	86	92	92
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Organizational Chart

City of Franklin Water Management

FY 2018 – FY 2019 Biennial Budget



Note: For detailed counts and authorized positions, please see following page entitled "Staffing by Position"



City of Franklin, Tennessee

FY 2018 Operating Budget

Budget - All Divisions

The following table presents the Water, Wastewater and Reclaimed Water divisions of the Water & Wastewater Fund in a composite presentation.

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F (E-C)</u>	<u>G (E/C)</u>
	Actual	Actual	Budget	Estd	Budget	Difference	
	2015	2016	2017	2017	2018	\$	%
Personnel							
Salaries & Wages	3,528,409	3,653,202	4,309,565	4,184,566	4,403,298	93,733	2.2%
Employee Benefits	1,416,348	1,654,049	1,864,328	1,702,211	1,990,614	126,286	6.8%
Total Personnel	4,944,757	5,307,251	6,173,893	5,886,776	6,393,912	220,019	3.6%
Operations							
Transportation Services	6,936	13,848	6,800	7,920	8,125	1,325	19.5%
Operating Services	362,544	458,877	442,173	484,402	487,360	45,187	10.2%
Notices, Subscriptions, etc.	21,381	21,652	26,650	14,227	30,350	3,700	13.9%
Utilities	1,293,381	1,568,533	1,729,025	1,480,458	1,508,321	(220,704)	-12.8%
Contractual Services	510,985	969,024	496,875	616,515	535,625	38,750	7.8%
Repair & Maintenance Services	304,486	372,650	346,000	267,250	346,000	-	0.0%
Employee programs	2,563	10,323	12,300	5,466	11,950	(350)	-2.8%
Professional Development/Travel	24,582	20,936	29,600	21,175	29,800	200	0.7%
Office Supplies	12,460	14,748	11,650	8,850	11,050	(600)	-5.2%
Operating Supplies	676,431	765,271	730,351	643,429	719,600	(10,751)	-1.5%
Fuel & Mileage	112,527	83,271	108,050	82,800	89,675	(18,375)	-17.0%
Supplies for Resale	2,989,286	3,914,616	3,893,760	4,000,000	4,050,000	156,240	4.0%
Machinery & Equipment (<\$25,000)	116,271	111,853	285,131	217,842	230,824	(54,307)	-19.0%
Repair & Maintenance Supplies	611,599	729,245	410,800	868,593	445,200	34,400	8.4%
Operational Units	2,187,240	2,205,728	2,313,762	2,313,762	2,382,613	68,851	3.0%
Property & Liability Costs	234,307	227,116	232,656	263,307	247,144	14,489	6.2%
Rentals	2,215	21,385	5,500	1,050	5,500	-	0.0%
Financial Fees	21,387	33,376	61,800	35,066	60,050	(1,750)	-2.8%
Permits	53,933	76,391	55,100	31,909	55,100	-	0.0%
Debt Service and Lease Payments	1,790,329	1,615,338	1,995,746	1,771,412	2,610,500	614,753	30.8%
Total Operations	11,334,843	13,234,181	13,193,729	13,135,433	13,864,787	671,058	5.1%
Buildings	89	-	4,051	600,000	-	(4,051)	-100.0%
Improvements	4,524,037	1,082,604	4,200,000	2,830,304	4,400,000	200,000	4.8%
Machinery & Equipment (>\$25,000)	118,830	206,484	1,821,984	1,241,387	1,109,000	(712,984)	-39.1%
Capital	4,642,956	1,289,088	6,026,035	4,671,691	5,509,000	(517,035)	-8.6%
Total Water & Wastewater Fund	20,922,557	19,830,520	25,393,657	23,693,900	25,767,699	374,042	1.5%

Note: Definitions of each category can be found in



Water Budget

Section Summary

The Water Section comprises the Water Treatment and Distribution Divisions and the Utility Billing Division. The activities of these divisions are summarized below.

- The Water Treatment facility is located on Lewisburg Pike. Staff at the plant perform numerous functions including water treatment, compliance sampling, and assisting Water Distribution service crews with system maintenance and operation.
- The Water Distribution service crews maintain approximately 280 miles of distribution lines, six (6) booster stations, and seven (7) finished water reservoirs with a capacity of 11.5 million gallons.
- The Utility Billing Division is the interface between the Water Management Department and Revenue Management. The division is responsible for collecting metering data and working with the Water Distribution Division to perform meter repairs, replacements, and to restore or terminate water service.

Section Goals & Strategic Initiatives

The primary goal for the Water Section is to continue to provide safe, reliable drinking water to customers. The Water Section has been working to refine practices and policies to better serve customers including the drafting of revisions to municipal code, review of internal work flow related to customer service requests and work orders and training and educating staff.

A key strategic initiative is the Water Treatment Plant Upgrade project. Contract start for the upgrades was October 26, 2015 with substantial completion scheduled for December 2017.

The upgrade to the facility includes installation of membrane filtration, ultraviolet (UV) disinfection and advanced oxidation processes and carbon contactors to address current and future regulatory requirements, taste and odor, lifecycle costs and operational considerations.

The Water Distribution team continues to perform leak detection services. In FY 2017 leak detection surveys were performed on 86.3 miles of the system. The surveys identified 35 leaks with an estimated loss of approximately 12,000,000 gallons per year. Included in the FY 2018 enhancements is equipment to perform these surveys in-house. This purchase will allow staff to improve the efficiency and flexibility in how surveys are performed in the future.



City of Franklin, Tennessee

FY 2018 Operating Budget

Water Budget

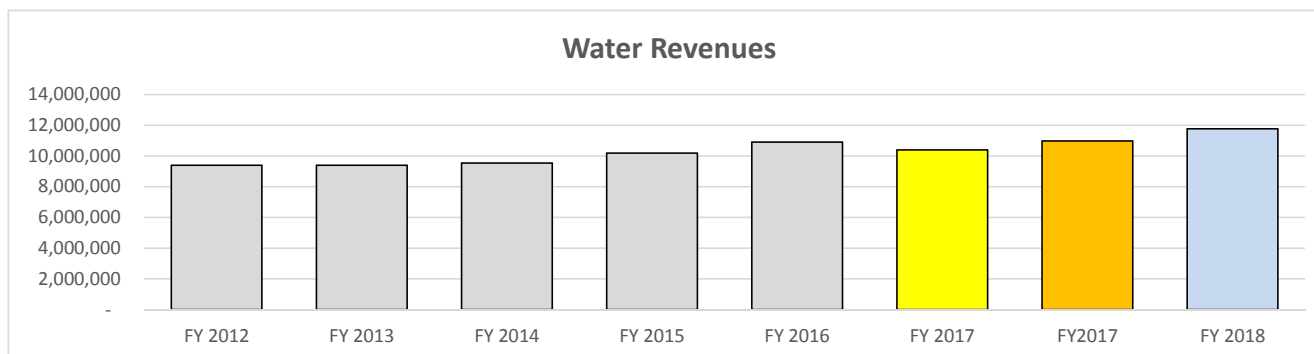
Consumption

The water customer base has witnessed steady growth since FY 2011. The average consumption for both residential and commercial customers has declined significantly over the last decade, however this average volume appears to be stabilizing over the last few years. The table below presents the account information and consumption values (residential and commercial totals) from FY 2012 through FY 2016. It is important to note that in 2016 the City updated the method by which it calculates customers to more accurately count each customer of each individual division of the system. This methodology was applied to the information presented below and may differ from prior

Year	Annual Total (Million Gallons)	Monthly Average - Residential and Commercial (Gallons)
FY 12	1,627	8,048
FY 13	1,599	7,827
FY 14	1,486	7,164
FY 15	1,548	7,338
FY 16	1,574	7,414

Revenues

Rate based revenues for FY 2018-2019 are projected to be at approximately 107% of the 2017 estimated receipts . The tables below present historic revenue by category FY 2012-FY 2016, estimated for the budgeted and projected revenues for FY 2017 and the projected revenues for FY 2018.



	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Actual	FY 2016 Actual	FY 2017 Budget	FY2017 Estd	FY 2018 Budget
Intergovernmental	-	(484)	-	-	-	-	-	-
Interest Income	18,726	16,193	7,002	4,924	10,735	7,500	-	12,500
Rental Income	23,273	21,800	24,000	24,000	24,000	24,000	16,000	24,000
Sale of Surplus Assets	(26,066)	1,660	33,277	-	11,432	-	5,180	-
Customer Service (Rates)	9,252,143	9,182,126	9,293,143	9,987,026	10,716,426	10,213,128	10,892,375	11,582,574
Inspection Fees	60,877	73,444	72,422	83,765	61,100	60,000	32,378	60,000
Other Service Revenue	68,766	105,329	109,136	90,459	84,615	95,000	27,350	95,000
Total Water Revenues*	9,397,719	9,400,068	9,538,980	10,190,174	10,908,308	10,399,628	10,973,282	11,774,074

*Total revenues less those received for Capital Contributions and accounted for elsewhere within the Water & Wastewater Fund.



Water Budget

Budget Summary

Personnel – The Water Management Department is requesting that an Administrative Secretary be hired at the Water Treatment Plant and moving the existing Administrative Assistant position to the Water Reclamation Facility. In addition to this request, the department is requesting that the Water Distribution Assistant Superintendent be reclassified as a Service Division Assistant Superintendent. The Assistant Superintendent positions for both water and wastewater currently have the same certification requirements and perform largely the same function, including on-call work interchangeably. The job description for this reclassification has been submitted for evaluation. It is anticipated that the pay grade will increase from a G to an H.

Operations – The largest operations expense in the Water Section continues to be the purchase of finished water. Expenditures on purchased water can fluctuate depending on a number of factors. Some of these factors include Franklin Water Treatment capacities, weather, financial considerations, and water resource conservation efforts. It is important to note that the facility is undergoing a significant construction project which does require occasional shut downs to perform certain work. The expenditure for FY 2017 is approximately \$4,000,000.

Indirect expenses also is a large expense item in the Water Section. These expenses include the interfund reimbursement the General Fund for administrative support functions (customer service, utility billing, and other support functions such as Engineering and Human Resources).

Utilities are estimated to be approximately \$210,000 for FY 2017. Electricity is the primary cost, and is necessary for booster pump stations in the distribution system, high service and raw water pumps at the Water Treatment Plant, and other day to day needs. The Water Section continues to evaluate energy needs and practices to reduce electrical consumption. The high service pumps and the raw water pumps are planned for replacement during the upgrade project at the Water Treatment Plant.

Operations Capital – Operations Capital expenditures are related to equipment and vehicles directly related to operations versus system replacement or expansion. In previous years the Water Management Department has evaluated the annual cost of replacement of operations capital items based on present day replacement value, anticipated lifecycle, and a projected annual increase in replacement cost of five percent. Due to budgeting requirements, the approach has been modified to be consistent with other City departments however this practice will continue to be used during rate analyses to ensure long terms costs are captured. Enhancement requests have been provided and largely related to replacement of existing equipment. The only new equipment requested is for vehicles for Utility Locators (one in water and one in wastewater as necessary).

In terms of capital projects, the City has been working through the IWRP priority projects established by the BOMA. The key projects in the Water Section include the Water Treatment Plant Upgrade which is currently being constructed and several distribution projects. The distribution projects are renewal of existing infrastructure which include upgrades to the water lines in Old Carters Creek Pike, Bobby Drive in the Grassland Community, and Franklin Road from downtown to Harlinsdale.

A key project to both water and wastewater systems is the supervisory control and data acquisition (SCADA) project. This project touches over 40 facilities in both the water and wastewater systems and will provide necessary data and



City of Franklin, Tennessee

FY 2018 Operating Budget

Budget

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F (E-C)</u>	<u>G (E/C)</u>
	Actual	Actual	Budget	Estd	Budget	Difference '17 v. '18	
	2015	2016	2017	2017	2018	\$	%
Divisions							
Water Distribution	1,647,634	1,667,539	2,004,823	2,113,670	2,165,034	160,211	8.0%
Water Treatment/Plant	4,424,588	5,537,005	5,478,913	5,487,680	5,617,843	138,931	2.5%
Utility Billing	155,419	153,208	172,561	183,236	160,889	(11,672)	-6.8%
Water General	2,698,878	2,466,890	2,899,215	2,791,419	3,922,298	1,023,083	35.3%
Total Water	8,926,519	9,824,642	10,555,512	10,576,006	11,866,065	1,310,553	12.4%
Expense by Category							
Personnel							
Salaries & Wages	1,306,598	1,293,385	1,542,195	1,517,659	1,559,243	17,048	1.1%
Employee Benefits	506,573	601,678	696,771	634,963	726,099	29,328	4.2%
Total Personnel	1,813,171	1,895,063	2,238,966	2,152,623	2,285,342	46,376	2.1%
Operations							
Transportation Services	3,961	4,262	3,050	2,570	3,075	25	0.8%
Operating Services	16,701	28,359	26,800	30,902	26,600	(200)	-0.7%
Notices, Subscriptions, etc.	13,996	5,607	9,750	3,606	13,450	3,700	37.9%
Utilities	200,451	233,616	231,753	208,300	213,550	(18,203)	-7.9%
Contractual Services	43,736	69,490	144,125	43,000	175,125	31,000	21.5%
Repair & Maintenance Services	119,105	116,875	96,000	48,250	96,000	-	0.0%
Employee programs	1,005	2,199	7,550	2,927	7,200	(350)	-4.6%
Professional Development/Travel	7,079	8,212	8,900	5,637	8,900	-	0.0%
Office Supplies	3,187	6,140	4,500	2,900	4,400	(100)	-2.2%
Operating Supplies	321,726	436,585	329,598	308,650	321,550	(8,048)	-2.4%
Fuel & Mileage	38,011	22,093	27,400	24,800	25,775	(1,625)	-5.9%
Supplies for Resale	2,989,286	3,914,616	3,893,760	4,000,000	4,050,000	156,240	4.0%
Machinery & Equipment (<\$25,000)	55,489	45,404	92,217	108,142	95,100	2,883	3.1%
Repair & Maintenance Supplies	440,219	353,559	244,300	510,111	246,700	2,400	1.0%
Operational Units	1,157,951	1,167,738	1,231,835	1,231,835	1,261,384	29,549	2.4%
Property & Liability Costs	84,464	79,597	80,845	84,756	83,819	2,975	3.7%
Rentals	357	7,737	2,000	300	2,000	-	0.0%
Financial Fees	9,911	12,163	16,800	15,056	15,050	(1,750)	-10.4%
Permits	6,639	32,744	38,100	33,400	38,100	-	0.0%
Debt Service and Lease Payments	307,936	224,923	326,548	326,548	1,193,945	867,397	265.6%
Total Operations	5,821,210	6,771,919	6,815,831	6,991,690	7,881,723	1,065,893	15.6%
Buildings	89	-	2,315	-	-	(2,315)	-100.0%
Improvements	1,261,482	1,082,604	1,300,000	1,290,304	1,300,000	-	0.0%
Machinery & Equipment (>\$25,000)	30,567	75,056	198,398	141,387	399,000	200,602	101.1%
Capital	1,292,138	1,157,660	1,500,713	1,431,691	1,699,000	198,287	13.2%
Total Water Summary	8,926,520	9,824,642	10,555,510	10,576,004	11,866,065	1,310,555	12.4%

Note: Definitions of each category can be found in the appendices.

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Est'd 2017	Budget 2018	Forecast 2019	Forecast 2020
	Personnel								
= 81110	REGULAR PAY	586,663	580,128	770,727	517,331	747,256	772,558	803,460	835,599
81120	OVERTIME PAY	14,747	8,029	15,000	12,205	17,629	25,000	25,000	25,000
81199	VACANCY ADJUSTMENT						(27,040)	(28,121)	(29,246)
= XWAGE	TOTAL WAGES	601,410	588,157	785,727	529,536	764,885	770,518	800,339	831,353
= 81410	FICA (EMPLOYER'S SHARE)	43,013	41,537	56,495	37,808	57,165	59,101	61,465	63,923
= 81420	MEDICAL PREMIUMS	158,264	190,758	265,869	112,308	224,616	256,780	282,458	310,704
= 81430	GROUP INSURANCE PREMIUMS	12,925	13,768	17,359	8,743	17,486	16,885	17,729	18,616
= 81440	EMPLOYEE INSURANCE CONTRIBUTIONS	(36,549)	(44,635)	(57,387)	(35,843)	(71,686)	(78,855)	(86,740)	(95,414)
! 81450	RETIREMENT CONTRIBUTIONS	49,344	57,824	78,987	37,396	78,987	90,835	99,919	109,910
81455	DEFERRED COMP MATCH	3,219	3,484	4,521	3,082	4,521	4,747	4,984	5,234
81470	WORKERS COMPENSATION PREMIUMS	1,800	4,425	1,944	11,161	11,161	11,719	12,305	12,920
81475	WORKERS COMPENSATION CLAIMS	245	119		7,641	7,641			
= XBEN	TOTAL BENEFITS	232,261	267,280	367,788	182,296	329,891	361,212	392,120	425,893
= XPER	TOTAL PERSONNEL	833,671	855,437	1,153,515	711,832	1,094,776	1,131,730	1,192,459	1,257,246
	Operations								
82110	MAILING & OUTBOUND SHIPPING SERVICES	214	579	200	27	100	150	150	150
82120	FREIGHT FOR INBOUND PURCHASED ITEMS		84		70	70	75	75	75
82130	VEHICLE LICENSES & TITLES	18	63	100	95		100	100	100
= XTRC	TOTAL TRANSPORTATION CHARGES	232	726	300	192	170	325	325	325
82210	PRINTING & COPYING SERVICES, OUTSOURCED	809	208	500	807	1,200	500	500	500
82250	TESTING & PHYSICALS	1,096	1,269	500	1,120	1,300	500	500	500
82260	UNIFORM RENTAL & SERVICES	113							
82280	LAB FEES				484	484			
82299	OTHER OPERATING SERVICES		25						
= XOPSV	TOTAL OPERATING SERVICES	2,018	1,502	1,000	2,411	2,984	1,000	1,000	1,000
82310	LEGAL NOTICES	29		1,500	185	200	200	200	200
82350	DUES FOR MEMBERSHIPS	8,069	546	3,500			3,500	3,500	3,500
82360	PUBLIC RELATIONS & EDUCATION (CITY SPONSORED)	79	289	3,000			3,000	3,000	3,000
82369	PUBLICATIONS, NON-TRAINING								
= XNP	TOTAL NOTICES, SUBSCRIPTIONS, PUBLICITY	8,177	835	8,000	185	200	6,700	6,700	6,700
82410	ELECTRIC SERVICE	72,088	81,266	83,327	54,876	90,000	92,000	94,000	96,000
82420	WATER & SEWER SERVICE	570	818	515	420	700	725	750	775
82450	STORMWATER SERVICE	3,486	4,179	4,326	2,438	4,200	4,200	4,200	4,200
82460	SOLID WASTE SERVICE	1,824	2,480	2,575	1,524	2,600	2,650	2,700	2,750
82470	NATURAL GAS SERVICE	5,950	2,803	2,575	1,545	2,000	2,250	2,500	2,750
82480	TELEPHONE SERVICE	551	559	721	389	700	725	750	775
82490	CELLULAR TELEPHONE SERVICE	3,191	4,799	4,069	3,799	6,400	6,500	6,550	6,600
82470	INTERNET & RELATED SERVICES	619	1,372	1,313	939	1,350	1,375	1,400	1,425
= XUTIL	TOTAL UTILITIES	88,279	98,276	99,421	65,930	107,950	110,425	112,850	115,275
82510	COMPUTER SERVICES								
82520	LEGAL SERVICES		2,000						
82540	ENGINEERING SERVICES		6,941						
+ 82560	CONSULTANT SERVICES	10,870	28,623	20,000	2,000	5,000			
1	Leak Detection Services								
2	Tank Inspection Services								

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Est'd 2017	Budget 2018	Forecast 2019	Forecast 2020
3	Miscellaneous			20,000					
4	Prior Years								
5	Line Item 5	10,870	28,623		2,000	5,000			
*	Amount missing from detail								
82599	OTHER CONTRACTUAL SERVICES		14,674	20,000	11,949	14,000	20,000	20,000	20,000
=	XCTS TOTAL CONTRACTUAL SERVICES	10,870	50,238	42,000	13,949	19,000	20,000	20,000	20,000
82610	VEHICLE REPAIR & MAINTENANCE SERVICES		14,612	12,000		9,000	12,000	12,000	12,000
82620	EQUIPMENT REPAIR & MAINTENANCE SERVICES	795	4,052	7,500	2,193	4,000	7,500	7,500	7,500
82630	FIRE HYDRANT MAINTENANCE SERVICES		289						
82640	PAVING & REPAIR SERVICES			12,000	560	5,000	12,000	12,000	12,000
82660	BUILDING REPAIR & MAINTENANCE SERVICES	1,891	756	2,000		500	2,000	2,000	2,000
82683	WATER TANK MAINTENANCE SERVICES		370	10,000		2,500	10,000	10,000	10,000
82684	PUMP STATION REPAIR SERVICES		203	10,000		4,000	10,000	10,000	10,000
82699	OTHER REPAIR & MAINTENANCE SERVICES	1,633	1,354	1,000			1,000	1,000	1,000
=	XRMSV TOTAL REPAIR & MAINTENANCE SERVICES	17,002	21,636	54,500	8,754	25,000	54,500	54,500	54,500
82750	EMPLOYEE RECOGNITION/RECEPTIONS	525	76	500	23	400	500	500	500
82780	TRAINING, OUTSIDE	480	900	4,950	770	2,000	4,500	4,500	4,500
82790	TRAINING, IN-HOUSE		703		27	27			
=	XEPG TOTAL EMPLOYEE PROGRAMS	1,005	1,679	5,450	820	2,427	5,000	5,000	5,000
82810	REGISTRATIONS	440	900	2,200		1,000	2,200	2,200	2,200
82820	GROUND TRANSPORTATION (OUTSIDE WILLIAMSON COUNTY)	63	237	400		300	400	400	400
82830	AIR TRAVEL		1,797	1,500	(226)	1,000	1,500	1,500	1,500
82840	LODGING	654	3,445	1,800		1,500	1,800	1,800	1,800
82850	MEALS (OUTSIDE WILLIAMSON COUNTY)	586	1,011	750	195	600	750	750	750
=	XPDT TOTAL PROFESSIONAL DEVELOPMENT/TRAVEL	1,743	7,390	6,650	(31)	4,400	6,650	6,650	6,650
83110	OFFICE SUPPLIES	829	862	1,200	519	750	1,200	1,200	1,200
83120	OFFICE DÉCOR ITEMS (OTHER THAN FURNITURE)		1,196						
83130	EMPLOYEE BENEVOLENCE ITEMS		100	100		100	100	100	100
83140	MEALS & FOOD (INSIDE WILLIAMSON COUNTY)	1,273	1,633	900	984	1,000	900	900	900
=	XOFS TOTAL OFFICE SUPPLIES	2,102	3,791	2,200	1,503	1,850	2,200	2,200	2,200
83210	TRAINING SUPPLIES		70	500		250	250	250	250
83220	CHEMICALS & LAB SUPPLIES	30	482	400		250	300	300	300
83230	MEDICAL SUPPLIES	165	361	500	266	350	350	350	350
83240	SAFETY SUPPLIES	8,440	9,589	7,650	7,829	7,500	7,650	7,650	7,650
83250	UNIFORMS PURCHASED	4,571	4,349	3,800	2,500	3,800	3,800	3,800	3,800
83260	CONSUMABLE TOOLS	2,673	3,895	10,300	4,262	4,000	5,000	5,000	5,000
83270	OTHER OPERATING SUPPLIES	4,417	3,393	4,000	3,280	4,000	4,000	4,000	4,000
=	XOS TOTAL OPERATING SUPPLIES	20,296	22,139	27,150	18,137	20,150	21,350	21,350	21,350
83300	GASOLINE & DIESEL FOR FLEET (INSIDE WILLIAMSON COUNTY)	20,235	14,512	18,700	9,587	17,500	18,025	18,500	19,100
=	XFEL TOTAL FUEL & MILEAGE	20,235	14,512	18,700	9,587	17,500	18,025	18,500	19,100
83500	FURNITURE, FIXTURES (<\$25,000)		260			600	600	600	600
83510	VEHICLES (<\$25,000)	494		22,786	23,358	23,358			
+ 83520	MACHINERY & EQUIPMENT (<\$25,000)	43,266	13,046	45,116	8,604	15,000	37,500	20,500	5,000
1	Miscellaneous	43,266	13,046	27,783			32,500	15,500	5,000
10	One-Call			17,333			5,000	5,000	
2	Sure Lock Locator								
3	Pipe Saw								
4	Tapping Machine, Replacement								
5	Trenchless Boring Machine								

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Estid 2017	Budget 2018	Forecast 2019	Forecast 2020
6	Hydrant Flushing Devices								
7	Pipehorn Locator								
8	Portable Valve Exerciser								
9	Other				8,604	15,000			
*	Amount missing from detail								
+ 83540	COMPUTER HARDWARE (<\$25,000)	4,027	1,675	5,515	3,663	5,500	21,000	6,000	6,000
1	Replace waterhill18 (dc6100, 4 yrs old, warranty expired)								
2	Digital Camera								
3	Other	3,824		2,315					
4	One-Call			3,200					
5	Line Item 5								
6	Line Item 6	203	1,675		3,663	5,500	21,000	6,000	6,000
*	Amount missing from detail								
83550	COMPUTER SOFTWARE (<\$25,000)	1,784	1,838		1,893	1,893	6,000	6,000	6,000
= XMEU	TOTAL MACHINERY & EQUIPMENT (<\$25,000)	49,571	16,819	73,417	37,958	46,351	65,100	33,100	17,600
83610	VEHICLE PARTS & SUPPLIES	629	1,280	800	799	1,200	1,200	1,200	1,200
83620	EQUIPMENT PARTS & SUPPLIES	2,984	6,823	3,000	3,360	5,000	5,000	5,000	5,000
83630	FIRE HYDRANT SUPPLIES	6,039	25,238	10,000	5,644	10,000	10,000	10,000	10,000
83640	PAVING & REPAIR SUPPLIES	11,698	14,081	20,000	37,716	40,000	20,000	20,000	20,000
83652	LANDSCAPING SUPPLIES	73	282	500	134	500	500	500	500
83654	FOUNDATIONS MAINTENANCE SUPPLIES	148	43						
83660	BUILDING MAINTENANCE SUPPLIES	730	1,791	3,000	5,231	4,500	3,000	3,000	3,000
83680	METER REPAIR & REPLACEMENT SUPPLIES	332,721	179,381	100,000	160,863	275,000	100,000	100,000	100,000
83682	UTILITY LINES REPAIR SUPPLIES	48,892	97,617	75,000	117,194	150,000	75,000	75,000	75,000
83683	WATER TANK MAINTENANCE SUPPLIES	9,575	8,566	5,000	111	1,000	5,000	5,000	5,000
83684	PUMP STATION REPAIR SUPPLIES	1,059	38	5,000		2,000	5,000	5,000	5,000
83699	OTHER REPAIR & MAINTENANCE PARTS & SUPPLIES	179	278	2,500		500	2,500	2,500	2,500
= XRMS	TOTAL REPAIR & MAINTENANCE SUPPLIES	414,727	335,418	224,800	331,052	489,700	227,200	227,200	227,200
85110	PROPERTY INSURANCE	17,458	20,025	21,026	20,333	20,333	21,350	22,417	23,538
85111	FRAUD INSURANCE								
85112	INLAND MARINE INSURANCE	1,481			1,415	1,415	1,486	1,560	1,638
85113	AUTO PHYSICAL DAMAGE	539	569	598	775	775	814	854	897
85115	LIABILITY INSURANCE	15,103	9,387	9,856	6,088	6,088	6,392	6,712	7,048
85116	E&O LIABILITY INSURANCE	1,423							
85117	VEHICLE LIABILITY INSURANCE	1,856	2,822	2,963	7,705	7,705	8,090	8,495	8,920
85118	UMBRELLA LIABILITY		981	1,030	1,151	1,151	1,209	1,269	1,332
85119	PROPERTY DAMAGE COSTS	6,408	(2,668)						
85120	LIABILITY CLAIMS/DEDUCTIBLES								
85121	VEHICLE LIABILITY CLAIMS/DEDUCTIBLES								
= XPRM	TOTAL PROPERTY & LIABILITY COSTS	44,268	31,386	35,473	42,185	42,185	44,295	46,509	48,835
85200	LAND USE RENTAL	357	559	500	50		500	500	500
85201	EQUIPMENT RENTAL & LEASES			500	146	300	500	500	500
= XRENT	TOTAL RENTALS	357	559	1,000	196	300	1,000	1,000	1,000
85310	PERMITS			400		300	400	400	400
85320	STATE FEES	4,292	31,884	35,000	30,678	32,000	35,000	35,000	35,000
85340	RECORDING & FILING FEES			200		100	200	200	200
= XPRM	TOTAL PERMITS	4,292	31,884	35,600	30,678	32,400	35,600	35,600	35,600
85530	E-COMMERCE FEES	8	42		6	6			
= XFEE	TOTAL FINANCIAL FEES	8	42		6	6			

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Estd 2017	Budget 2018	Forecast 2019	Forecast 2020
+ 86600	LEASE/LOAN PRINCIPAL	62,510	64,296	82,133	62,042	82,133	84,023	85,966	71,965
1	ARRA # 6 Loan \$1.5m (100%)	62,510	64,296	66,133	62,042	66,133	68,023	69,966	71,965
2	2017 PER - One Call Vehicles (2 Vehicles - \$24,000 each)			16,000		16,000	16,000	16,000	
*	Amount missing from detail								
+ 86700	LEASE/LOAN INTEREST	35,704	33,918	32,801	24,510	32,801	30,911	28,968	26,249
1	ARRA # 6 Loan \$1.5m (100%)	35,704	33,918	32,081	24,510	32,081	30,191	28,248	26,249
2	2017 PER - One-Call Vehicles (1.5%)			720		720	720	720	
*	Amount missing from detail								
= XDSV	TOTAL DEBT SERVICE	98,214	98,214	114,934	86,552	114,934	114,934	114,934	98,214
=	TOTAL OPERATIONS	783,396	737,046	750,595	650,064	927,507	734,304	707,418	680,549
	Capital								
89230	BUILDING IMPROVEMENTS			2,315					
= XBLDG	TOTAL BUILDINGS			2,315					
+ 89320	DISTRIBUTION SYSTEMS								
1	2010 - Curd Lane Water Tank Painting								
2	Line Item 2								
*	Amount missing from detail								
+ 89520	VEHICLES (>\$25,000)	30,567	26,927	46,305			205,000	60,000	70,000
01	Replace Unit 4; 2003 model; convert Unit 6 to Service Truck								
02	Replace Unit 11A; 1997 model; 78,000 miles with compact pickup								
03	Replace Unit 6 with 4wd mid-size SUV								
04	Replace Unit 48 with 1/2 ton pickup ext								
05	Replace Unit 32; 2000 model; convert Unit 48 to Service Truck								
06	Unit 2 Service Truck								
07	Miscellaneous	30,567	26,927	46,305			205,000	60,000	70,000
08	Dump Truck - Replace Unit WF-9, 1997 Model								
09	Replace Unit 39; 2005 model, 44,000 miles								
10	Replace Unit 26; 2005 Model								
11	Replace Unit 46; 2005 Model								
12	Line Item 12								
*	Amount missing from detail								
+ 89530	MACHINERY & EQUIPMENT (>\$25,000)		48,129	52,093	91,387	91,387	94,000	57,500	
01	2009 - Asphalt Zipper (Asphalt Zipper, Inc)								
02	2009 - Hydrant Flushing System (Vermeer)								
03	2010 - Backhoe (Nortrax)								
04	2011 - Aluminum Trench Box								
05	2012 - Emergency 6" Pump Replacement								
06	2013 - Backhoe; Replace Unit 43W; 1994 Model								
7	Line Item 7		48,129	52,093	91,387	91,387	94,000	57,500	
*	Amount missing from detail								
= XMD	TOTAL MACHINERY & EQUIPMENT (>\$25,000)	30,567	75,056	98,398	91,387	91,387	299,000	117,500	70,000
= XCAP	TOTAL CAPITAL	30,567	75,056	100,713	91,387	91,387	299,000	117,500	70,000
= XTOT	TOTAL EXPENDITURES	1,647,634	1,667,539	2,004,823	1,453,283	2,113,670	2,165,034	2,017,377	2,007,795
= PTH	PART-TIME HEADCOUNT						2		
= PRET	PART-TIME REGULAR HEADCOUNT						2		

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Est'd 2017	Budget 2018	Forecast 2019	Forecast 2020
	Personnel								
I= 81110	REGULAR PAY	93,321	91,909	104,432	82,471	115,000	92,932	96,649	100,515
81120	OVERTIME PAY	2,404	2,400	1,000	2,721	2,500	1,000	1,000	1,000
= XWAGE	TOTAL WAGES	95,725	94,309	105,432	85,192	117,500	90,679	94,266	97,997
= 81410	FICA (EMPLOYER'S SHARE)	6,742	6,649	7,601	6,153	7,601	7,109	7,394	7,689
= 81420	MEDICAL PREMIUMS	29,521	35,978	27,328	19,239	27,328	30,061	33,067	36,374
= 81430	GROUP INSURANCE PREMIUMS	1,891	1,961	1,349	1,263	1,349	1,349	1,416	1,487
= 81440	EMPLOYEE INSURANCE CONTRIBUTIONS	(7,925)	(7,762)	(5,151)	(4,950)	(5,151)	(5,151)	(5,666)	(6,233)
I 81450	RETIREMENT CONTRIBUTIONS	10,574	8,896	13,119	9,114	13,119	15,087	16,596	18,255
81455	DEFERRED COMP MATCH	786	1,297	1,936	1,153	1,936	2,033	2,134	2,241
81470	WORKERS COMPENSATION PREMIUMS	297	243	315	573	315	330	347	364
81475	WORKERS COMPENSATION CLAIMS				3,226				
= XBEN	TOTAL BENEFITS	41,886	47,262	46,497	35,771	46,497	50,818	55,288	60,177
= XPER	TOTAL PERSONNEL	137,611	141,571	151,929	120,963	163,997	141,497	149,554	158,174
	Operations								
82110	MAILING & OUTBOUND SHIPPING SERVICES	289		200		200	200	200	200
82120	FREIGHT FOR INBOUND PURCHASED ITEMS	12							
82130	VEHICLE LICENSES & TITLES		36						
= XTRC	TOTAL TRANSPORTATION CHARGES	301	36	200		200	200	200	200
82210	PRINTING & COPYING SERVICES, OUTSOURCED			3,000		3,000	3,000	3,000	3,000
82250	TESTING & PHYSICALS	315	187	200		200	200	200	200
= XOPSV	TOTAL OPERATING SERVICES	315	187	3,200		3,200	3,200	3,200	3,200
82310	LEGAL NOTICES			500		500	500	500	500
82390	PUBLICATIONS, NON-TRAINING	40							
= XNSP	TOTAL NOTICES, SUBSCRIPTIONS, PUBLICITY	40		500		500	500	500	500
Budget 2018									
82400	TELEPHONE SERVICE	856	885	1,025	593	900	950	950	950
82410	800 MHZ ACCESS LINE SERVICE	268	296	350	195	350	350	350	350
82445	CELLULAR TELEPHONE SERVICE	626	456	500	268	475	500	500	500
82470	INTERNET & RELATED SERVICES	1,237	1,342	1,550	1,222	1,550	1,550	1,550	1,550
= XUTIL	TOTAL UTILITIES	2,987	2,979	3,425	2,278	3,275	3,350	3,350	3,350
82500	COMPUTER SERVICES								
82600	VEHICLE REPAIR & MAINTENANCE SERVICES	655	1,468	1,500	1,235	1,000	1,500	1,500	1,500
82670	EQUIPMENT REPAIR & MAINTENANCE SERVICES			500			500	500	500
82699	OTHER REPAIR & MAINTENANCE SERVICES			500			500	500	500
= XRPMSV	TOTAL REPAIR & MAINTENANCE SERVICES	655	1,468	2,500	1,235	1,000	2,500	2,500	2,500
83100	MEALS & FOOD (INSIDE WILLIAMSON COUNTY)								

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Est'd 2017	Budget 2018	Forecast 2019	Forecast 2020
83250	SAFETY SUPPLIES	85	130	200	85	100	200	200	200
83260	UNIFORMS PURCHASED	1,186	466	800	261	500	800	800	800
83270	CONSUMABLE TOOLS	126	63	200		100	200	200	200
83299	OTHER OPERATING SUPPLIES		9						
=	XOPS TOTAL OPERATING SUPPLIES	1,397	668	1,200	346	700	1,200	1,200	1,200
83310	GASOLINE & DIESEL FOR FLEET (INSIDE WILLIAMSON COUNTY)	6,399	3,534	4,950	2,331	4,500	4,750	5,000	5,250
=	XFUEL TOTAL FUEL & MILEAGE	6,399	3,534	4,950	2,331	4,500	4,750	5,000	5,250
+	83530 MACHINERY & EQUIPMENT (<\$25,000)								
1	Replacement of Handheld								
2	Line Item 2								
*	Amount missing from detail								
83540	COMPUTER HARDWARE (<\$25,000)	8			2,346	2,346			
83550	COMPUTER SOFTWARE (<\$25,000)								
=	XMEU TOTAL MACHINERY & EQUIPMENT (<\$25,000)	8			2,346	2,346			
83620	EQUIPMENT PARTS & SUPPLIES		180						
=	XRMS TOTAL REPAIR & MAINTENANCE SUPPLIES		180						
85110	PROPERTY INSURANCE	798	1,073	1,127	1,022	1,022	1,073	1,127	1,183
85112	INLAND MARINE INSURANCE	91			91	91	96	100	105
85113	AUTO PHYSICAL DAMAGE	136	122	128	118	118	124	130	137
85115	LIABILITY INSURANCE	486	645	677	585	585	614	645	677
85116	E&O LIABILITY INSURANCE	146							
85117	VEHICLE LIABILITY INSURANCE	746	770	809	1,541	1,541	1,618	1,699	1,784
85119	UMBRELLA LIABILITY		110	116	111	111	117	122	128
85127	VEHICLE LIABILITY CLAIMS/DEDUCTIBLES	3,225							
=	XPLC TOTAL PROPERTY & LIABILITY COSTS	5,628	2,720	2,857	3,468	3,468	3,642	3,823	4,014
85320	STATE FEES								
85600	BILLING SERVICES			1,750					
85610	CASH SHORT/OVER	78	(135)	50	(12)	50	50	50	50
=	XFF TOTAL FINANCIAL FEES	78	(135)	1,800	(12)	50	50	50	50
=	XOP TOTAL OPERATIONS	17,808	11,637	20,632	11,992	19,239	19,392	19,823	20,264
	Capital								
=	XOT TOTAL EXPENDITURES	155,419	153,208	172,561	132,955	183,236	160,889	169,377	178,438

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@ 3/31/2017	E std 2017	Budget 2018	Forecast 2019	Forecast 2020
	Personnel								
I= 81110	REGULAR PAY	574,718	589,155	604,102	421,623	609,011	604,492	628,360	653,494
81120	OVERTIME PAY	26,912	21,764	20,000	18,182	26,263	20,000	20,000	20,000
81199	VACANCY ADJUSTMENT						(21,147)	(21,993)	(22,872)
= XWAGE	TOTAL WAGES	601,630	610,919	624,102	439,805	635,274	603,345	626,367	650,622
= 81410	FICA (EMPLOYER'S SHARE)	43,171	44,054	44,434	31,863	46,589	46,531	48,070	49,992
= 81420	MEDICAL PREMIUMS	161,319	161,385	179,633	84,043	168,086	197,596	217,356	239,091
= 81430	GROUP INSURANCE PREMIUMS	13,247	15,813	11,819	6,938	13,876	12,391	13,011	13,661
= 81440	EMPLOYEE INSURANCE CONTRIBUTIONS	(37,277)	(35,534)	(39,940)	(25,280)	(50,560)	(43,684)	(48,052)	(52,858)
I 81450	RETIREMENT CONTRIBUTIONS	42,295	53,376	72,912	54,684	72,911	83,848	92,232	101,456
81455	DEFERRED COMP MATCH	2,099	2,057	2,235	1,595	2,235	2,347	2,581	2,840
81470	WORKERS COMPENSATION PREMIUMS	2,134	2,335	2,338	5,438	5,710	5,710	5,995	6,295
81475	WORKERS COMPENSATION CLAIMS		(88)						
= XBEN	TOTAL BENEFITS	226,988	243,398	273,431	159,281	258,847	304,740	331,193	360,477
= XPER	TOTAL PERSONNEL	828,618	854,317	897,533	599,086	894,121	908,085	957,560	1,011,099
	Operations								
82110	MAILING & OUTBOUND SHIPPING SERVICES	935	2,106	1,000	550	1,000	1,000	1,000	1,000
82120	FREIGHT FOR INBOUND PURCHASED ITEMS	2,196	1,340	1,500	936	1,200	1,500	1,500	1,500
82130	VEHICLE LICENSES & TITLES		36	50	18		50	50	50
= XTRC	TOTAL TRANSPORTATION CHARGES	3,131	3,482	2,550	1,504	2,200	2,550	2,550	2,550
82210	PRINTING & COPYING SERVICES, OUTSOURCED	3,728	1,397	2,200	1,915	2,200	2,200	2,200	2,200
82250	TESTING & PHYSICALS	519	182	400		200	200	200	200
82280	LAB FEES	9,711	21,840	20,000	18,987	20,000	20,000	20,000	20,000
= XOPSV	TOTAL OPERATING SERVICES	13,958	23,419	22,600	20,902	22,400	22,400	22,400	22,400
82310	LEGAL NOTICES	3,520	33	500			500	500	500
82350	DUES FOR MEMBERSHIPS	241	230	500	30	200	500	500	500
82360	PUBLIC RELATIONS & EDUCATION (CITY SPONSORED)		401						
	PUBLICATIONS, NON-TRAINING	413	389	250			250	250	250
= XNUP	TOTAL NOTICES, SUBSCRIPTIONS, PUBLICITY	4,174	1,053	1,250	30	200	1,250	1,250	1,250
82410	ELECTRIC SERVICE	99,855	122,156	118,821	55,026	86,000	90,000	92,500	95,000
82430	STORMWATER SERVICE	632	758	750	442	750	750	750	750
82435	SOLID WASTE SERVICE	850	1,105	1,100	1,330	2,200	1,100	1,100	1,100
82440	NATURAL GAS SERVICE	2,163	1,812	1,236	833	1,000	800	800	850
82450	TELEPHONE SERVICE	1,723	2,189	2,200	1,395	2,200	2,200	2,200	2,200
82455	CELLULAR TELEPHONE SERVICE	793	910	1,050	763	1,350	1,350	1,350	1,350
82470	INTERNET & RELATED SERVICES	1,042	1,093	1,100	656	1,125	1,125	1,125	1,125
= XUUTL	TOTAL UTILITIES	107,058	130,023	126,257	60,445	94,625	97,325	99,825	102,375
82550	CONSULTANT SERVICES	2,800							
82555	OTHER CONTRACTUAL SERVICES								
= XCTL	TOTAL CONTRACTUAL SERVICES	2,800							
82630	VEHICLE REPAIR & MAINTENANCE SERVICES	931	590	2,500	802	750	2,500	2,500	2,500
82635	EQUIPMENT REPAIR & MAINTENANCE SERVICES	39,214	88,149	35,000	7,248	20,000	35,000	35,000	35,000
82650	GROUNDS MAINTENANCE SERVICES	1,680							
82660	BUILDING REPAIR & MAINTENANCE SERVICES	50,950	5,032	1,500	4,883	1,500	1,500	1,500	1,500
82680	OTHER REPAIR & MAINTENANCE SERVICES	75							

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@ 3/31/2017	E std 2017	Budget 2018	Forecast 2019	Forecast 2020
=	XRMSV								
	TOTAL REPAIR & MAINTENANCE SERVICES	92,850	93,771	39,000	12,933	22,250	39,000	39,000	39,000
	EMPLOYEE RECOGNITION/RECEPTIONS		78	100			100	100	100
	TRAINING, OUTSIDE		415	2,000	60	500	2,100	2,100	2,100
	TRAINING, IN-HOUSE		27						
=	XEPG								
	TOTAL EMPLOYEE PROGRAMS		520	2,100	60	500	2,200	2,200	2,200
	REGISTRATIONS								
82810		4,190	320	1,200	1,277	1,037	1,200	1,200	1,200
82820	GROUND TRANSPORTATION (OUTSIDE WILLIAMSON COUNTY)			100			100	100	100
82830	AIR TRAVEL			300			300	300	300
82840	LODGING		416	450			450	450	450
82850	MEALS (OUTSIDE WILLIAMSON COUNTY)	1,079	86	200	25	200	200	200	200
82890	OTHER TRAVEL EXPENSES								
=	XPDT								
	TOTAL PROFESSIONAL DEVELOPMENT/TRAVEL	5,269	822	2,250	1,302	1,237	2,250	2,250	2,250
	OFFICE SUPPLIES								
83110		777	2,162	1,700	561	600	1,700	1,700	1,700
83120	OFFICE DÉCOR ITEMS (OTHER THAN FURNITURE)		100						
83130	EMPLOYEE BENEVOLENCE ITEMS			100		50	100	100	100
83140	MEALS & FOOD (INSIDE WILLIAMSON COUNTY)	308	187	400	293	400	400	400	400
=	XOFS								
	TOTAL OFFICE SUPPLIES	1,085	2,349	2,300	854	1,050	2,200	2,200	2,200
	CHEMICALS & LAB SUPPLIES								
83220		282,175	407,635	291,748	231,974	280,000	290,000	300,000	310,000
83240	MEDICAL SUPPLIES		841	500	816	1,000	1,000	1,000	1,000
83250	SAFETY SUPPLIES	2,613	2,196	2,500	470	1,500	2,000	2,000	2,000
83260	UNIFORMS PURCHASED	2,100	1,139	4,000	839	3,500	4,000	4,000	4,000
83270	CONSUMABLE TOOLS	199	411	1,000		500	500	500	500
83299	OTHER OPERATING SUPPLIES	12,946	1,556	1,500	1,086	1,300	1,500	1,500	1,500
=	XOPS								
	TOTAL OPERATING SUPPLIES	300,033	413,778	301,248	235,185	287,800	299,000	309,000	319,000
	GASOLINE & DIESEL FOR FLEET (INSIDE WILLIAMSON COUNTY)								
83310		11,377	4,047	3,750	1,599	2,800	3,000	3,200	3,400
=	XFUEL								
	TOTAL FUEL & MILEAGE	11,377	4,047	3,750	1,599	2,800	3,000	3,200	3,400
+									
83410	WATER PURCHASED	2,989,286	3,914,616	3,893,760	2,947,886	4,000,000	4,050,000	4,215,000	4,375,000
1	Contractual Obligation								
2	Water Plant Augmentation Purchases								
3	Line Item 3	2,989,286	3,914,616	3,893,760	2,941,886	4,000,000	4,050,000	4,215,000	4,375,000
*	Amount missing from detail				6,000				
=	XSPR								
	TOTAL SUPPLIES FOR RESALE	2,989,286	3,914,616	3,893,760	2,947,886	4,000,000	4,050,000	4,215,000	4,375,000
	FURNITURE, FIXTURES (<\$25,000)								
83510			439		420	420	600	600	600
83520	VEHICLES (<\$25,000)	1,912		7,000	20,394	20,394			
+									
83530	MACHINERY & EQUIPMENT (<\$25,000)	633	24,951	8,400	31,160	31,160	20,000	20,000	20,000
1	Miscellaneous	633		8,400			20,000	20,000	20,000
2	HR 5000 DR Analyzer								
3	Bench Top Turbidimeter								
4	Line Item 4								
5	Line Item 5								
6	Line Item 6								
7	Other								
8	Line Item 8								
*	Amount missing from detail		24,951		31,160	31,160			
83540	COMPUTER HARDWARE (<\$25,000)	1,503	2,951	3,400	1,207	1,207	8,400	3,400	3,400
83550	COMPUTER SOFTWARE (<\$25,000)						1,000	1,000	1,000
=	XMEI								
	TOTAL MACHINERY & EQUIPMENT (<\$25,000)	4,048	28,341	18,800	53,181	53,181	30,000	25,000	25,000
	VEHICLE PARTS & SUPPLIES	223	89	500	205	400	500	500	500
83560	EQUIPMENT PARTS & SUPPLIES	15,838	7,372	10,000	11,934	5,000	10,000	10,000	10,000

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@ 3/31/2017	E std 2017	Budget 2018	Forecast 2019	Forecast 2020
83640	PAVING & REPAIR SUPPLIES								
83643	SIGN SUPPLIES			250			250	250	250
83652	LANDSCAPING SUPPLIES			500			500	500	500
83654	GROUNDS MAINTENANCE SUPPLIES	31	43	1,000	11	11	1,000	1,000	1,000
83660	BUILDING MAINTENANCE SUPPLIES	7,844	10,434	6,000	12,673	15,000	6,000	6,000	6,000
83684	PUMP STATION REPAIR SUPPLIES			750			750	750	750
83699	OTHER REPAIR & MAINTENANCE PARTS & SUPPLIES	38		500			500	500	500
=	XRMS	23,974	17,938	19,500	24,823	20,411	19,500	19,500	19,500
85110	PROPERTY INSURANCE	18,061	19,659	20,642	9,509	9,509	9,984	10,484	11,008
85111	FRAUD INSURANCE								
85112	INLAND MARINE INSURANCE	589			568	568	596	626	658
85113	AUTO PHYSICAL DAMAGE	69	62	65	124	124	130	137	144
85115	LIABILITY INSURANCE	9,917	13,278	13,942	18,434	18,434	19,356	20,323	21,340
85116	E&O LIABILITY INSURANCE	4,281							
85117	VEHICLE LIABILITY INSURANCE	1,236	4,343	4,560	2,055	2,055	2,158	2,266	2,379
85119	UMBRELLA LIABILITY		3,149	3,306	3,485	3,485	3,659	3,842	4,034
85127	VEHICLE LIABILITY CLAIMS/DEDUCTIBLES	415							
=	XPLC	34,568	40,491	42,515	34,175	34,175	35,883	37,678	39,563
85240	EQUIPMENT RENTAL & LEASES		7,178	1,000			1,000	1,000	1,000
=	XRENT		7,178	1,000			1,000	1,000	1,000
85310	PERMITS			500			500	500	500
85320	STATE FEES	2,270	860	2,000	485	1,000	2,000	2,000	2,000
=	XPERM	2,270	860	2,500	485	1,000	2,500	2,500	2,500
=	XOP	3,595,881	4,682,688	4,481,380	3,395,364	4,543,829	4,610,058	4,784,553	4,959,188
	Capital								
+ 8923	BUILDING IMPROVEMENTS	89							
1	Water Treatment Plant Driveway Resurfacing								
2	Parking Area Resurfacing								
3	Raw Water Reservoir Fencing (1.5 miles)	89							
*	Amount missing from detail								
=	XBLDG	89							
8932	DISTRIBUTION SYSTEMS								
=	VEHICLES (>\$25,000)								
+ 8952	MACHINERY & EQUIPMENT (>\$25,000)								
8953									
1	Chlorine to Bleach conversion			100,000	50,000	50,000	100,000	100,000	100,000
2	Settling Basin Rehabilitation								
3	Rate of Flow Valves (4)								
4	High Service Distribution Pumps (3)								
5	Raw Water Traveling Screen								
6	Raw Water Pump and Appurtenances								
7	Line Item 7			100,000	50,000	50,000	100,000	100,000	100,000
*	Amount missing from detail								
=	XMEQ			100,000	50,000	50,000	100,000	100,000	100,000

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@ 3/31/2017	Estd 2017	Budget 2018	Forecast 2019	Forecast 2020
=									
	TOTAL CAPITAL	89		100,000	50,000	50,000	100,000	100,000	100,000
=	TOTAL EXPENDITURES	4,424,588	5,537,005	5,478,913	4,044,450	5,487,950	5,618,143	5,842,113	6,070,287

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Est'd 2017	Budget 2018	Forecast 2019	Forecast 2020
	Personnel								
H= 81110	REGULAR PAY			26,934			95,000	95,000	95,000
1	Classification & Compensation Plan			26,934			95,000	95,000	95,000
*	Amount missing from detail								
81150	TEMPORARY WORK BY NON-CITY EMPLOYEES	7,833							
= XWAGE	TOTAL WAGES	7,833		26,934			95,000	95,000	95,000
=	MEDICAL PREMIUMS	13,736	46,551	19,101	37,636		19,674	20,264	20,872
=	GROUP INSURANCE PREMIUMS		235		236				
=	EMPLOYEE INSURANCE CONTRIBUTIONS	(8,298)	(3,048)	(10,503)	(3,137)		(10,818)	(11,143)	(11,477)
81475	WORKERS COMPENSATION CLAIMS			459			473	487	502
= XBEN	TOTAL BENEFITS	5,438	43,738	9,057	34,735		9,329	9,608	9,897
=	TOTAL PERSONNEL	13,271	43,738	35,991	34,735		104,329	104,608	104,897
	Operations								
82130	VEHICLE LICENSES & TITLES	297	18						
= XTRC	TOTAL TRANSPORTATION CHARGES	297	18						
82210	PRINTING & COPYING SERVICES, OUTSOURCED								
82250	TESTING & PHYSICALS	410	3,251		2,318	2,318			
= XOPSV	TOTAL OPERATING SERVICES	410	3,251		2,318	2,318			
82310	LEGAL NOTICES	1,605	3,719		3,088	2,706	5,000	5,000	5,000
82390	PUBLICATIONS, NON-TRAINING								
= XNSP	TOTAL NOTICES, SUBSCRIPTIONS, PUBLICITY	1,605	3,719		3,088	2,706	5,000	5,000	5,000
82410	ELECTRIC SERVICE								
82420	WATER & SEWER SERVICE								
82430	STORMWATER SERVICE	915	981	1,000	572	1,000	1,000	1,000	1,000
82435	SOLID WASTE SERVICE		20	50					
82440	NATURAL GAS SERVICE								
82450	TELEPHONE SERVICE	593	666	800	478	700	700	700	700
82470	INTERNET & RELATED SERVICES	619	671	800	611	750	750	750	750
= XUL	TOTAL UTILITIES	2,127	2,338	2,650	1,661	2,450	2,450	2,450	2,450
Budget									
82530	LEGAL SERVICES	11,926	7,377	10,000		2,000	5,000	5,000	5,000
82550	AUDIT SERVICES	12,250	11,875	12,125	12,000	12,000	12,125	12,125	12,125
82570	ENGINEERING SERVICES	5,890							
82580	CONSULTANT SERVICES			55,000			65,000	75,000	20,000
82599	OTHER CONTRACTUAL SERVICES			25,000	7,800	10,000	73,000	13,000	48,000
= XCS	TOTAL CONTRACTUAL SERVICES	30,066	19,252	102,125	19,800	24,000	155,125	105,125	85,125
82610	VEHICLE REPAIR & MAINTENANCE SERVICES								
82620	EQUIPMENT REPAIR & MAINTENANCE SERVICES								
82630	BUILDING REPAIR & MAINTENANCE SERVICES	8,598							
82682	REPAIR TO LINES								
= XRPVS	TOTAL REPAIR & MAINTENANCE SERVICES	8,598							
82720	TRAINING, OUTSIDE				300	300			
= XEDG	TOTAL EMPLOYEE PROGRAMS				300	300			
82900	GROUND TRANSPORTATION (OUTSIDE WILLAMSON COUNTY)	67							

[illegible]

	Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Est'd 2017	Budget 2018	Forecast 2019	Forecast 2020
=	XTRAN	TOTAL TRANSFERS	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
=	XOP	TOTAL OPERATIONS	1,424,125	1,340,548	1,563,224	1,076,856	1,501,415	2,517,970	2,546,215	2,564,362
		Capital								
	89230	BUILDING IMPROVEMENTS				4,241,588				
=	XBLDG	TOTAL BUILDINGS				4,241,588				
+	89320	DISTRIBUTION SYSTEMS	1,261,482	1,082,604	1,300,000	1,290,304	1,290,304	1,300,000	1,500,000	1,500,000
1		Rate Funded Capital (Life Cycle)	1,261,482	1,082,604	1,300,000	1,290,304	1,290,304	1,300,000	1,500,000	1,500,000
*		Amount missing from detail								
=	XIMPR	TOTAL IMPROVEMENTS	1,261,482	1,082,604	1,300,000	1,290,304	1,290,304	1,300,000	1,500,000	1,500,000
=	XCAP	TOTAL CAPITAL	1,261,482	1,082,604	1,300,000	5,531,892	1,290,304	1,300,000	1,500,000	1,500,000
=	XTOT	TOTAL EXPENDITURES	2,698,878	2,466,890	2,899,215	6,643,483	2,791,719	3,922,299	4,150,823	4,169,259



City of Franklin, Tennessee

FY 2018 Operating Budget

Wastewater Budget

Section Summary

The Wastewater Section includes the Wastewater Collection, Water Reclamation, Maintenance, and Utility Administration Divisions.

The City of Franklin operates an activated sludge treatment facility located at 135 Claude Yates Drive. The facility is currently operating under an expired National Pollutant Discharge Elimination System Permit (NPDES) for treatment and discharge of twelve (12) million gallons of treated effluent per day. Limits and procedures are incorporated into the NPDES Permit that allows the City of Franklin to operate a reclaimed water network. This Division is facing increasing regulatory constraints from EPA and TDEC primarily related to nutrient loading to the Harpeth River and additional Capacity Management Operation Maintenance (CMOM) Initiative requirements.



The City has been actively working with the Tennessee Department of Environment and Conservation (TDEC) towards the issuance of a new permit.

The Wastewater Collection Division is responsible for the operation and maintenance of the wastewater collection system including gravity sewer lines, force main lines and sewage lift stations located throughout the service area. Under this division, there are crews that are assigned to the replacement and extension of the wastewater collection system which collects and transports wastewater to the treatment plant.

Section Goals & Strategic Initiatives

The primary goal for the Wastewater Section is to effectively operate the collection system with no sanitary sewer overflows and to produce high quality effluent water for distribution in the reclaimed water system and discharge to the Harpeth River that meets or exceeds permit requirements. As with the Water Section, the Wastewater Section is enhancing and implementing various programs to improve customer service, regulatory compliance, and overall operations.

The Water Management Department continues to refine operations efforts consistent with components of the EPA's Capacity Management, Operations and Maintenance (CMOM) program. The City has continued working on implementation of a capacity assurance tool to aid with evaluation of new developments. To support this, refinements to the collection system model have been initiated which will use the City's flow monitoring data to help calibrate flows for dry and wet weather conditions.

The wastewater collection division continues to perform inspections of the sanitary sewer system to evaluate condition, risk and maintenance needs. Starting last fiscal year, the division has started using a sanitary sewer rapid assessment tool to provide for more efficient inspections and maintenance activities. Staff were able to perform assessments of over 80,000 (15.2 miles) linear feet of collection system in the first two quarters of FY 2017.



City of Franklin, Tennessee

FY 2018 Operating Budget

Wastewater Budget

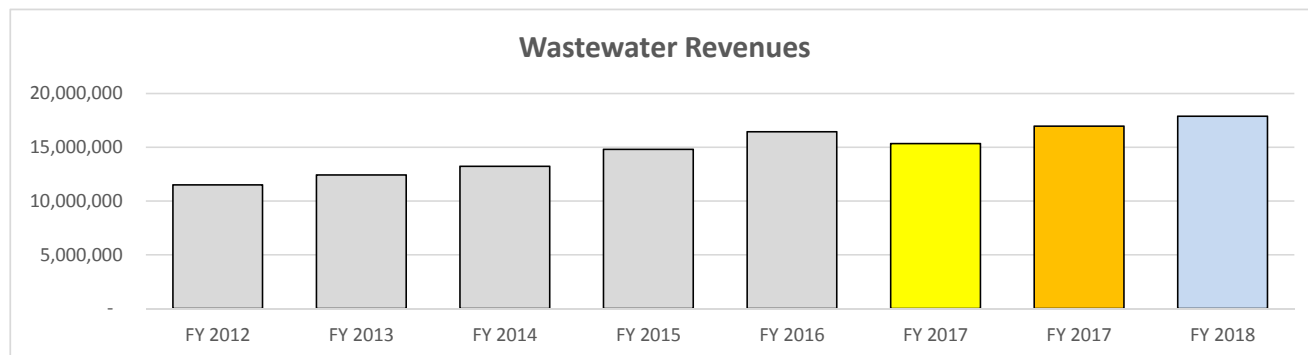
Consumption & Revenues

The sanitary sewer customer base has shown greater signs of growth primarily due to areas within the Mallory Valley and HB&TS Utility Districts. It is important to note that in 2016 the City updated the method by which it calculates customers to more accurately count each customer of each individual division of the system. This methodology was applied to the information presented below and may differ from prior information.

Year	Annual Total (Million Gallons)	Monthly Average - Residential and Commercial (Gallons)
FY 12	2,305	9,219
FY 13	2,345	9,159
FY 14	2,276	8,648
FY 15	2,357	8,698
FY 16	2,450	8,676

Revenues

Rate based revenues for FY 2018 are projected to be at approximately 105% of the estimated collections for FY 2017. The tables below present historic revenue by category FY 2012-FY 2016, estimated for the budgeted and estimated revenues for FY 2017 and the projected revenues for FY 2018.



	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Actual	FY 2016 Actual	FY 2017 Budget	FY 2017 Est	FY 2018 Budget
Intergovernmental	42,219	-	-	-	-	-	-	-
Interest Income	46,064	39,658	20,277	69,963	107,242	70,000	76,845	80,000
Rental Income	-	1,800	2,700	2,635	2,800	2,800	-	2,800
Sale of Surplus Assets	(152,425)	6,133	-	13,714	-	-	-	-
Customer Service (Rates)	11,500,187	12,241,583	13,072,915	14,568,762	16,236,044	15,159,049	16,771,190	17,693,606
Inspection Fees	32,290	75,298	90,563	133,940	70,968	75,000	95,447	75,000
Other Service Revenue	31,745	60,610	44,146	21,646	17,703	40,000	16,159	40,000
Total Wastewater Revenue	11,500,080	12,425,082	13,230,601	14,810,660	16,434,757	15,346,849	16,959,641	17,891,406

*Total revenues less those received for Capital Contributions and accounted for elsewhere within the Water & Wastewater Fund.

Budget Summary



Wastewater Budget

Personnel – The Water Management Department is requesting the following personnel changes within the Wastewater Section:

Water Reclamation: The Water Management Department is requesting that the Administrative Assistant position at the Water Treatment Plant be moved to the Water Reclamation Facility. The Administrative Secretary request in the Water Section and this organizational change will provide adequate staffing with respect to the intense record keeping requirements at both facilities.

Wastewater Collection: The department is requesting that the Wastewater Collection Assistant Superintendent be reclassified as a Service Division Assistant Superintendent. The Assistant Superintendent positions for both water and wastewater currently have the same certification requirements and perform largely the same function, including on-call work interchangeably. The job description for this reclassification has been submitted for evaluation. It is anticipated that the pay grade will increase from a G to an H.

Wastewater Collection: Staff is requesting the addition of two Equipment Operators to help support the proactive assessments and inspections being performed in the division.

Operations and Maintenance – Operations and maintenance accounts for the largest costs in the Wastewater Section. Utility costs are a large expense item in Wastewater, and are projected to be approximately \$1,272,000 for FY 2017. These costs are largely associated with aeration of the wastewater for biological processes, pumping, odor control and various other processes and operations.

Indirect Expenses also is a large expense item in the Wastewater Section. As with the Water Section, these expenses include reimbursement to the General Fund for customer service, utility billing, and other support functions such as Engineering and Human Resources.

The City has started implementation of a sanitary sewer rapid assessment too. The equipment uses sonic technology to determine blockage condition which helps determine further action such as inspection, cleaning or maintenance activities. The crews have had positive results during initial testing and have been able to evaluate over 50,000 LF of pipe during approximately six weeks of field time.

The Wastewater Collection Division responded to nine overflows this fiscal year through the end of March 2017. While none of these overflows directly reached a receiving stream, one was contained within a stormwater detention pond. In response to these overflows, the City determined that the majority of the incidents are directly related to contractor actions. City inspectors have responded by requiring additional data and evaluation prior to new facilities connecting to the system.

Operations Capital – Operations Capital expenditures are related to equipment and vehicles directly related to operations versus system replacement or expansion. In previous years the Water Management Department has evaluated the annual cost of replacement of operations capital items based on present day replacement value, anticipated lifecycle, and a projected annual increase in replacement cost of five percent. Due to budgeting requirements, the approach has been modified to be consistent with other City departments however this practice will continue to be used during rate analyses to ensure long terms costs are captured. Enhancement requests have been provided and largely related to replacement of existing equipment. The only new equipment requested is for vehicles for Utility Locators (one in water and one in wastewater as necessary).

Similar to the Water Section, the City has been working through the IWRP priority projects established by the BOMA. The key project in the Wastewater Section is the Water Reclamation Facility Upgrade and Expansion. At this time, the design has largely been completed. Due to delays with permitting, bidding for the project continues to be delayed.

The department is also working on various collection system projects that include upgrade to the Holiday Court Lift Station, elimination of the Ladd Park Lift Station, and among other projects, finalizing design of the Spencer Creek interceptor project in the vicinity of Franklin Road.

A key project to both water and wastewater systems is the supervisory control and data acquisition (SCADA) project. This project touches over 40 facilities in both the water and wastewater systems and will provide necessary data and remote



City of Franklin, Tennessee

FY 2018 Operating Budget

Budget

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F (E-C)</u>	<u>G (E/C)</u>
	Actual	Actual	Budget	Estd	Budget	Difference '17 v. '18	
	2015	2016	2017	2017	2018	\$	%
Divisions							
Wastewater Collection	1,852,057	2,191,938	3,418,928	3,111,545	2,322,951	(1,095,977)	-32.1%
Wastewater Plant	3,003,978	3,505,664	4,350,115	4,370,160	4,092,933	(257,182)	-5.9%
Utility Administration	916,161	1,037,247	1,132,112	1,135,492	1,184,720	52,608	4.6%
Wastewater General	6,059,394	3,187,915	5,732,918	4,315,139	6,094,954	362,036	6.3%
Total Wastewater	11,831,590	9,922,764	14,634,073	12,932,337	13,695,559	(938,514)	-6.4%
Expense by Category							
Personnel							
Salaries & Wages	2,221,811	2,359,817	2,767,370	2,666,907	2,844,055	76,685	2.8%
Employee Benefits	909,775	1,052,371	1,167,557	1,067,247	1,264,515	96,958	8.3%
Total Personnel	3,131,586	3,412,188	3,934,927	3,734,154	4,108,570	173,643	4.4%
Operations							
Transportation Services	2,975	9,586	3,500	5,350	4,800	1,300	37.1%
Operating Services	345,843	430,518	415,373	453,500	460,760	45,387	10.9%
Notices, Subscriptions, etc.	7,385	16,045	16,800	10,621	16,800	-	0.0%
Utilities	1,092,921	1,334,905	1,497,223	1,272,108	1,294,721	(202,502)	-13.5%
Contractual Services*	467,249	899,534	352,750	573,515	360,500	7,750	2.2%
Repair & Maintenance Services	185,381	255,775	238,000	207,000	238,000	-	0.0%
Employee programs	1,558	8,124	4,750	2,539	4,750	-	0.0%
Professional Development/Travel	17,503	12,724	20,700	15,538	20,900	200	1.0%
Office Supplies	7,389	8,608	7,150	5,950	6,650	(500)	-7.0%
Operating Supplies	267,949	291,756	292,553	269,279	287,850	(4,703)	-1.6%
Fuel & Mileage	74,516	61,178	80,650	58,000	63,900	(16,750)	-20.8%
Supplies for Resale	-	-	-	-	-	-	-
Machinery & Equipment (<\$25,000)	60,782	66,449	190,914	109,700	133,724	(57,190)	-30.0%
Repair & Maintenance Supplies	156,670	374,427	151,000	316,447	183,000	32,000	21.2%
Operational Units	1,029,289	1,037,990	1,081,927	1,081,927	1,121,229	39,302	3.6%
Property & Liability Costs	149,843	147,519	151,811	178,551	163,325	11,514	7.6%
Rentals	1,858	13,648	3,500	750	3,500	-	0.0%
Financial Fees	11,476	21,213	45,000	20,010	45,000	-	0.0%
Permits	47,294	43,647	17,000	(1,491)	17,000	-	0.0%
Debt Service and Lease Payments	1,421,305	1,345,502	1,603,223	1,378,889	1,350,580	(252,643)	-15.8%
Total Operations	5,349,186	6,379,148	6,173,824	5,958,183	5,776,990	(396,834)	-6.4%
Buildings	-	-	1,736	600,000	-	(1,736)	-100.0%
Improvements	3,262,555	-	2,900,000	1,540,000	3,100,000	200,000	6.9%
Machinery & Equipment (>\$25,000)	88,263	131,428	1,623,586	1,100,000	710,000	(913,586)	-56.3%
Capital	3,350,818	131,428	4,525,322	3,240,000	3,810,000	(715,322)	-15.8%
Total Wastewater	11,831,590	9,922,764	14,634,073	12,932,337	13,695,560	(938,513)	-6.4%

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Est'd 2017	Budget 2018	Forecast 2019	Forecast 2020
	Personnel								
= 81110	REGULAR PAY	865,874	896,805	1,042,901	662,337	956,709	1,034,381	1,075,756	1,118,786
81120	OVERTIME PAY	34,570	47,595	30,000	60,179	86,925	30,000	30,000	30,000
= XWAGE	TOTAL WAGES	900,444	944,400	1,072,901	722,516	1,043,634	1,028,178	1,068,105	1,109,628
= 81410	FICA (EMPLOYER'S SHARE)	65,193	68,345	76,467	52,399	73,188	98,928	82,295	85,587
= 81420	MEDICAL PREMIUMS	241,708	250,779	314,100	135,171	270,342	331,747	364,922	401,414
= 81430	GROUP INSURANCE PREMIUMS	17,420	17,340	19,927	11,189	22,378	21,273	22,337	23,453
= 81440	EMPLOYEE INSURANCE CONTRIBUTIONS	(60,557)	(65,903)	(65,078)	(58,102)	(65,078)	(67,429)	(74,172)	(81,589)
! 81450	RETIREMENT CONTRIBUTIONS	66,967	88,960	121,520	91,140	121,520	139,748	153,723	169,095
81455	DEFERRED COMP MATCH	6,980	9,952	9,120	9,001	9,120	10,032	11,035	12,138
	UNEMPLOYMENT CLAIMS	182							
81460	WORKERS COMPENSATION PREMIUMS	15,970	33,041	33,650	6,733	6,733	16,650	17,483	18,357
81470	WORKERS COMPENSATION CLAIMS	414	19,401						
= XBEN	TOTAL BENEFITS	354,277	421,915	509,706	247,531	438,203	550,949	577,623	628,455
= XPER	TOTAL PERSONNEL	1,254,721	1,366,315	1,582,607	970,047	1,481,837	1,579,127	1,645,728	1,738,083
	Operations								
82110	MAILING & OUTBOUND SHIPPING SERVICES	30	20	400	5	100	400	400	400
82120	FREIGHT FOR INBOUND PURCHASED ITEMS		105	200	70	150	200	200	200
82130	VEHICLE LICENSES & TITLES	18	108	200	54	200	200	200	200
82140	VEHICLE TOW-IN SERVICES			200					
= XTRC	TOTAL TRANSPORTATION CHARGES	48	233	1,000	129	450	800	800	800
82210	PRINTING & COPYING SERVICES, OUTSOURCED	224		200	195		200	200	200
82250	TESTING & PHYSICALS	1,265	1,871	500	481	300	500	500	500
82260	UNIFORM RENTAL & SERVICES	113							
82270	LANDFILL & BIOSOLIDS MANAGEMENT SERVICES	1,952	6,477	3,000	1,594	3,000	3,000	3,000	3,000
= XOPSV	TOTAL OPERATING SERVICES	3,554	8,348	3,700	2,270	3,300	3,700	3,700	3,700
82310	LEGAL NOTICES	143			185	185			
82350	DUES FOR MEMBERSHIP'S	82	91	4,000			4,000	4,000	4,000
82360	PUBLIC RELATIONS & EDUCATION (CITY SPONSORED)		40	1,500			1,500	1,500	1,500
82365	PUBLICATIONS, NON-TRAINING			100			100	100	100
= XNP	TOTAL NOTICES, SUBSCRIPTIONS, PUBLICITY	225	131	5,600	185	185	5,600	5,600	5,600
82410	ELECTRIC SERVICE	103,753	130,101	123,600	74,212	120,000	124,000	127,720	131,552
82420	WATER & SEWER SERVICE	1,722	2,337	2,266	1,316	2,260	2,325	2,400	2,475
82430	STORMWATER SERVICE	570	681	721	397	680	743	765	788
82440	SOLID WASTE SERVICE	1,851	2,480	2,575	1,524	2,600	2,650	2,700	2,750
82450	NATURAL GAS SERVICE	5,986	2,815	2,575	1,557	1,000	1,050	1,100	1,150
82460	TELEPHONE SERVICE	568	560	670	385	650	690	710	732
82465	CELLULAR TELEPHONE SERVICE	2,849	5,369	4,635	5,562	9,500	9,500	9,500	9,500
82470	INTERNET & RELATED SERVICES	418	1,036	927	765	1,350	1,350	1,350	1,350
= XUPL	TOTAL UTILITIES	117,717	145,379	137,969	85,718	138,040	142,308	146,245	150,297
82510	COMPUTER SERVICES					2,000			
82520	CONSULTANT SERVICES	12,305	20,565		2,000	2,000			
+ 82550	OTHER CONTRACTUAL SERVICES		48,336	25,000	98,330	150,000			
1	Pest Control								
2	Misc		48,336		98,330	150,000			
3	Line Item 3								

Account	Label		Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Est'd 2017	Budget 2018	Forecast 2019	Forecast 2020
4	One-Call				25,000					
5	Line Item 5									
*	Amount missing from detail									
=	XCTS TOTAL CONTRACTUAL SERVICES		12,305	68,901	25,000	100,330	152,000			
82610	VEHICLE REPAIR & MAINTENANCE SERVICES		19,835	24,577	38,000	30,811	38,000	38,000	38,000	38,000
82620	EQUIPMENT REPAIR & MAINTENANCE SERVICES		869	2,132	8,000	10,803	15,000	8,000	8,000	8,000
82640	PAVING & REPAIR SERVICES		806		10,000		2,000	10,000	10,000	10,000
82652	LANDSCAPING SERVICES									
82660	BUILDING REPAIR & MAINTENANCE SERVICES		1,939	756	3,000			3,000	3,000	3,000
82682	REPAIR TO LINES			3,278						
82683	WATER TANK MAINTENANCE SERVICES		11,064							
82684	PUMP STATION REPAIR SERVICES		38,870	48,277	60,000	19,587	25,000	60,000	60,000	60,000
82699	OTHER REPAIR & MAINTENANCE SERVICES		500		2,500	9,840	15,000	2,500	2,500	2,500
=	XRMSV TOTAL REPAIR & MAINTENANCE SERVICES		73,883	79,020	121,500	71,041	95,000	121,500	121,500	121,500
82750	EMPLOYEE RECOGNITION/RECEPTIONS		342	76		24				
82780	TRAINING, OUTSIDE		240	6,055	4,000		1,500	4,000	4,000	4,000
82790	TRAINING, IN-HOUSE			300						
=	XEPG TOTAL EMPLOYEE PROGRAMS		582	6,431	4,000	24	1,500	4,000	4,000	4,000
82810	REGISTRATIONS		95	440	2,000			2,000	2,000	2,000
82820	GROUND TRANSPORTATION (OUTSIDE WILLIAMSON COUNTY)			323	200	338	338	200	200	200
82830	AIR TRAVEL				600			600	600	600
82840	LODGING			1,505	1,500	291	1,200	1,500	1,500	1,500
82850	MEALS (OUTSIDE WILLIAMSON COUNTY)		141	425	400	357	800	400	400	400
82880	OTHER TRAVEL EXPENSES				200			200	200	200
=	XPDT TOTAL PROFESSIONAL DEVELOPMENT/TRAVEL		236	2,693	4,900	986	2,338	4,900	4,900	4,900
83110	OFFICE SUPPLIES		530	980	700	485	650	700	700	700
83130	EMPLOYEE BENEVOLENCE ITEMS			100						
83140	MEALS & FOOD (INSIDE WILLIAMSON COUNTY)		1,269	1,720	1,000	943	1,000	1,000	1,000	1,000
=	XOFS TOTAL OFFICE SUPPLIES		1,799	2,800	1,700	1,428	1,650	1,700	1,700	1,700
83210	TRAINING SUPPLIES			11	200			200	200	200
83220	CHEMICALS & LAB SUPPLIES				1,000			1,000	1,000	1,000
83240	MEDICAL SUPPLIES		165	361	500	266	350	500	500	500
83250	SAFETY SUPPLIES		10,004	11,313	8,400	8,226	8,000	8,400	8,400	8,400
83260	UNIFORMS PURCHASED		4,245	6,212	5,000	3,438	5,000	5,000	5,000	5,000
83270	CONSUMABLE TOOLS		3,653	5,676	10,200	3,716	7,150	10,200	10,200	10,200
83280	OTHER OPERATING SUPPLIES		4,641	4,454	3,000	3,080	4,000	3,000	3,000	3,000
=	XOPS TOTAL OPERATING SUPPLIES		22,708	28,027	28,300	18,726	24,500	28,300	28,300	28,300
83300	GASOLINE & DIESEL FOR FLEET (INSIDE WILLIAMSON COUNTY)		21,415	25,157	28,700	17,341	28,000	28,900	29,750	30,600
=	XEFL TOTAL FUEL & MILEAGE		21,415	25,157	28,700	17,341	28,000	28,900	29,750	30,600
83500	FURNITURE, FIXTURES (<\$25,000)			260		180		500	500	500
83550	VEHICLES (<\$25,000)		494		55,158					
+ 83550	MACHINERY & EQUIPMENT (<\$25,000)		48,707	12,300	36,434	32,868	50,000	31,000	31,000	31,000
01	Misc		48,707	11,946	19,101	32,868	50,000	31,000	31,000	31,000
02	Pipehorn Locator									
03	Pipe Saw									
04	One-Call				17,333					
05	Line Item 5			354						
*	Amount missing from detail									
+ 83550	COMPUTER HARDWARE (<\$25,000)		2,184	3,710	5,515	337	1,500	3,600	3,600	3,600

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Estd 2017	Budget 2018	Forecast 2019	Forecast 2020
01	Monitors								
02	Misc	2,184	3,686	2,315		1,500	3,600	3,600	3,600
03	Line Item 3								
04	One-Call			3,200					
05	Line Item 5		24		337				
*	Amount missing from detail								
+ 83550	COMPUTER SOFTWARE (<\$25,000)		3,886		800	1,000	1,500	1,500	1,500
01	Granite Enterprise Edition								
02	Granite Engineering Edition								
03	Granite Versioning Upgrade Change								
04	Hansen Sewer Module								
05	Schedule Module								
06	CSD Software Training								
07	Onsite Training (2 days)								
08	Other		3,600		800	1,000	1,500	1,500	1,500
09	Line Item 9		286						
*	Amount missing from detail								
= XMEU	TOTAL MACHINERY & EQUIPMENT (<\$25,000)	51,385	20,156	97,107	34,185	52,500	36,600	36,600	36,600
83610	VEHICLE PARTS & SUPPLIES	1,100	1,438	500	1,188	1,500	1,500	1,500	1,500
83620	EQUIPMENT PARTS & SUPPLIES	7,209	21,992	8,000	8,963	12,000	12,000	12,000	12,000
83640	PAVING & REPAIR SUPPLIES	22,561	42,975	25,000	24,114	25,000	25,000	25,000	25,000
83652	LANDSCAPING SUPPLIES	73	1,146	500	134	350	500	500	500
83654	GROUNDS MAINTENANCE SUPPLIES	148	43	500			500	500	500
83660	BUILDING MAINTENANCE SUPPLIES	772	1,772	4,000	5,295	3,000	4,000	4,000	4,000
83682	UTILITY LINES REPAIR SUPPLIES	55,295	107,546	30,000	88,881	140,000	30,000	30,000	30,000
83683	WATER TANK MAINTENANCE SUPPLIES								
83684	PUMP STATION REPAIR SUPPLIES	37,171	47,490	20,000	31,525	35,000	35,000	35,000	35,000
83685	OTHER INVENTORY SUPPLIES			2,500		1,000	2,500	2,500	2,500
83689	OTHER REPAIR & MAINTENANCE PARTS & SUPPLIES	463	900	3,000		1,000	3,000	3,000	3,000
= XRMS	TOTAL REPAIR & MAINTENANCE SUPPLIES	124,792	225,302	94,000	160,100	218,850	114,000	114,000	114,000
85110	PROPERTY INSURANCE	18,082	20,620	21,650	18,445	18,445	19,367	20,336	21,352
85111	FRAUD INSURANCE								
85112	INLAND MARINE INSURANCE	2,490			3,850	3,850	4,043	4,245	4,457
85113	AUTO PHYSICAL DAMAGE	2,743	1,996	2,096	1,942	1,942	2,039	2,141	2,248
85114	LIABILITY INSURANCE	15,625	20,291	21,306	7,647	7,647	8,029	8,431	8,852
85115	E&O LIABILITY INSURANCE	1,737							
85116	VEHICLE LIABILITY INSURANCE	9,571	8,733	9,170	10,787	10,787	11,326	11,893	12,487
85117	UMBRELLA LIABILITY		1,233	1,295	1,446	1,446	1,518	1,594	1,674
85118	PROPERTY DAMAGE COSTS		260						
85119	VEHICLE CLAIMS/Deductibles		312						
85120	LIABILITY CLAIMS/Deductibles	524							
85121	VEHICLE LIABILITY CLAIMS/Deductibles		2,076						
= XPLS	TOTAL PROPERTY & LIABILITY COSTS	50,772	55,521	55,517	44,117	44,117	46,322	48,640	51,070
85200	LAND USE RENTAL	778	1,406	500	50		500	500	500
85201	EQUIPMENT RENTAL & LEASES	148	9,041	1,000	117	250	1,000	1,000	1,000
= XRPNT	TOTAL RENTALS	926	10,447	1,500	167	250	1,500	1,500	1,500
85300	STATE FEES	1,564	1,787	1,500	916	526	1,500	1,500	1,500
= XPLM	TOTAL PERMITS	1,564	1,787	1,500	916	526	1,500	1,500	1,500
85500	E-COMMERCE FEES	8	36		8	8			
= XFEES	TOTAL FINANCIAL FEES	8	36		8	8			

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Estd 2017	Budget 2018	Forecast 2019	Forecast 2020
+ 86600	LEASE/LOAN PRINCIPAL								
1	ARRA#6 Loan \$1,888,200 (46%)	37,790	25,879	261,019	204,347	36,685	37,685	38,712	39,766
2	2017 - PER for One-Call (2 Vehicles - \$24,000/piece)	37,790	25,879	36,685	204,347	36,685	37,685	38,712	39,766
3	2017 - PER for Sanitary Sewer Vacuum (\$350,000)			16,000					
4	2017 - PER for CCTV Inspection Equipment (\$275,000)			116,667					
*	Amount missing from detail			91,667					
+ 86700	LEASE/LOAN INTEREST								
1	ARRA#6 Loan \$1,888,200 (46%)	23,298	14,846	29,609	22,217	29,609	28,611	27,584	16,435
2	2017 - PER for One-Call (2 Vehicles - 1.5%)	23,298	14,846	19,514	22,217	19,514	18,516	17,489	16,435
3	2017 - PER for Sanitary Sewer Vacuum (1.5%)			720		720	720	720	
4	2017 - PER for CCTV Inspection Equipment (1.5%)			5,250		5,250	5,250	5,250	
*	Amount missing from detail			4,125		4,125	4,125	4,125	
= XDSV	TOTAL DEBT SERVICE	61,088	40,725	290,628	226,564	66,294	66,296	66,296	56,201
=									
= XOP	TOTAL OPERATIONS	545,007	721,094	902,621	764,235	829,508	607,926	615,031	612,268
	Capital								
+ 89320	DISTRIBUTION SYSTEMS								
1	Franklin Sewer Receiving Station - SSR								
2	Monticello Sewer Design (SSR)								
3	Fieldstone Farms PS # 2 (SSR)								
4	Fieldstone Farms PS # 2 (L&C)								
5	Fieldstone Farms PS # 2 Resident Project Insp (SSR)								
*	Amount missing from detail								
+ 89520	VEHICLES (>\$25,000)								
1	Freightliner Dump Truck (Neely Coble)	52,329	56,400	834,475	363,564	800,000	95,000		70,000
2	2011 - Replace Unit 1, 2002 Model								
3	2012 - Replace Unit 19, 2002 Model								
4	2012 - Replace Unit 38, 2005 Model								
5	2013 - Replace Unit 30, 2003 Model								
6	2013 - Replace Unit 31, 2001 Model								
7	2013 - Dump Truck - Replace Unit WF-8, 1993 Model								
8	2014 - Replace Unit 33, 2003 Model								
9	Line Item 9	52,329	56,400	834,475	363,564	800,000	95,000		70,000
*	Amount missing from detail								
+ 89530	MACHINERY & EQUIPMENT (>\$25,000)								
1	Backhoe (Nortrax)		48,129	99,225				407,500	
2	Camera Assembly (Que)								
3	2011 - Sewer Vacuum Truck - Replace Unit 5, 1999 Model								
4	Grinder Pump Cores								
5	2012 - Emergency 6" Pump Replacement								
6	2012 - Portable Sewer Inspection Equipment								
7	2014 - Front End Loader - Replace Unit 455, 1995 Model								
8	2016 - CCTV Sewer Inspection Equipment								
9	Line Item 9		48,129	99,225				407,500	
*	Amount missing from detail								
= XMO	TOTAL MACHINERY & EQUIPMENT (>\$25,000)	52,329	104,529	933,700	363,564	800,000	95,000	407,500	70,000
= XGP	TOTAL CAPITAL	52,329	104,529	933,700	363,564	800,000	95,000	407,500	70,000
= XNPOT	TOTAL EXPENDITURES	1,852,057	2,191,938	3,418,928	2,097,846	3,111,345	2,282,053	2,668,259	2,420,351

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Est'd 2017	Budget 2018	Forecast 2019	Forecast 2020
	Personnel								
I= 81110	REGULAR PAY	575,814	693,031	795,233	540,266	780,384	793,808	825,560	858,583
81120	OVERTIME PAY	6,865	4,330	2,000	4,922	7,110	2,000	2,000	2,000
81150	TEMPORARY WORK BY NON-CITY EMPLOYEES	553							
81199	VACANCY ADJUSTMENT						(27,783)	(28,895)	(30,050)
= XWAGE	TOTAL WAGES	583,232	697,361	797,233	545,188	787,494	768,025	798,665	830,533
= 81410	FICA (EMPLOYER'S SHARE)	43,506	52,072	58,566	40,444	59,699	60,553	63,155	65,682
= 81420	MEDICAL PREMIUMS	80,617	85,910	104,205	46,575	93,150	114,626	126,089	138,697
= 81430	GROUP INSURANCE PREMIUMS	8,353	9,826	10,438	5,954	11,908	10,834	11,376	11,944
= 81440	EMPLOYEE INSURANCE CONTRIBUTIONS	(18,285)	(19,469)	(21,771)	(18,291)	(36,582)	(23,807)	(26,188)	(28,806)
I 81450	RETIREMENT CONTRIBUTIONS	42,295	57,824	78,988	59,241	78,988	84,907	93,397	102,737
81455	DEFERRED COMP MATCH	6,286	13,941	14,490	11,919	14,490	15,939	17,533	19,287
81470	WORKERS COMPENSATION PREMIUMS	1,292	520	1,404	633	1,404	1,474	1,621	1,784
81475	WORKERS COMPENSATION CLAIMS	532	80						
= XBEN	TOTAL BENEFITS	164,596	200,704	246,320	146,475	223,057	264,526	286,983	311,325
= XPER	TOTAL PERSONNEL	747,828	898,065	1,043,553	691,663	1,010,551	1,032,551	1,085,648	1,141,858
	Operations								
82110	MAILING & OUTBOUND SHIPPING SERVICES	51	373	300	81	300	300	300	300
82120	FREIGHT FOR INBOUND PURCHASED ITEMS		22						
82130	VEHICLE LICENSES & TITLES		72	100		100	100	100	100
= XTRC	TOTAL TRANSPORTATION CHARGES	51	467	400	81	400	400	400	400
82210	PRINTING & COPYING SERVICES, OUTSOURCED	173	348	400	566	600	400	400	400
82250	TESTING & PHYSICALS	1,007	520	260	350	400	260	260	260
82299	OTHER OPERATING SERVICES								
= XOPSV	TOTAL OPERATING SERVICES	1,180	868	660	916	1,000	660	660	660
82310	LEGAL NOTICES	206	62	1,000			1,000	1,000	1,000
82350	DUES FOR MEMBERSHIPS	532	13,149	5,200	8,365	10,000	5,200	5,200	5,200
82360	PUBLIC RELATIONS & EDUCATION (CITY SPONSORED)	4,201	1,144	3,000	99	100	3,000	3,000	3,000
82390	PUBLICATIONS, NON-TRAINING			500			500	500	500
= XNP	TOTAL NOTICES, SUBSCRIPTIONS, PUBLICITY	4,939	14,355	9,700	8,464	10,100	9,700	9,700	9,700
82400	TELEPHONE SERVICE	727	816	1,061	558	1,000	1,093	1,126	1,159
82410	800 MHZ ACCESS LINE SERVICE	2,338	2,588	2,440	1,702	2,600	2,600	2,600	2,600
82420	CELLULAR TELEPHONE SERVICE	3,806	6,432	4,830	4,215	6,450	6,450	6,450	6,450
82430	INTERNET & RELATED SERVICES	993	109	1,167	1,000	1,000	1,202	1,238	1,275
= XUUL	TOTAL UTILITIES	7,864	9,945	9,498	6,475	11,050	11,345	11,414	11,484
+	ENGINEERING SERVICES		11,250						
1	Regional Integrated Water Resources Plan								
2	Line Item 2		11,250						
3	Line Item 3								
4	Line Item 4								
5	Line Item 5								
*	Amount missing from detail								
+	CONSULTANT SERVICES		3,743		19,320	19,320			
1	Long Term Financial Planning Model								
2	Line Item 2		3,743		19,320	19,320			

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Estd 2017	Budget 2018	Forecast 2019	Forecast 2020
3	Line Item 3								
4	Line Item 4								
5	Line Item 5								
*	Amount missing from detail								
82599	OTHER CONTRACTUAL SERVICES	1,682	1,180						
=	XCTS	1,682	16,173		19,320	19,320			
82610	VEHICLE REPAIR & MAINTENANCE SERVICES	2,754	1,215	1,500	1,027	1,000	1,500	1,500	1,500
82620	EQUIPMENT REPAIR & MAINTENANCE SERVICES	211		1,000			1,000	1,000	1,000
82660	BUILDING REPAIR & MAINTENANCE SERVICES		756	1,500			1,500	1,500	1,500
=	XRMSV	2,965	1,971	4,000	1,027	1,000	4,000	4,000	4,000
82750	EMPLOYEE RECOGNITION/RECEPTIONS	976	854	400			400	400	400
82780	TRAINING, OUTSIDE		535		125	125			
=	XEPG	976	1,389	400	125	125	400	400	400
82810	REGISTRATIONS	2,479	1,320	4,100	1,325	2,200	4,100	4,100	4,100
82820	GROUND TRANSPORTATION (OUTSIDE WILLIAMSON COUNTY)	377	881	700	313	600	700	700	700
82830	AIR TRAVEL	266	1,617	2,300	835	1,000	2,300	2,300	2,300
82840	LODGING	3,792	3,115	3,200	3,516	4,000	3,200	3,200	3,200
82850	MEALS (OUTSIDE WILLIAMSON COUNTY)	237	410	700	402	700	700	700	700
82880	OTHER TRAVELE XPENSES			100			100	100	100
=	XPDT	7,151	7,343	11,100	6,391	8,500	11,100	11,100	11,100
83110	OFFICE SUPPLIES	751	937	1,000	294	700	1,000	1,000	1,000
83120	OFFICE DÉCOR ITEMS (OTHER THAN FURNITURE)		13						
83130	EMPLOYEE BENEVOLENCE ITEMS	302	391	450	198	250	450	450	450
83140	MEALS & FOOD (INSIDE WILLIAMSON COUNTY)	917	839	500	160	300	500	500	500
=	XOFS	1,970	2,180	1,950	652	1,250	1,950	1,950	1,950
83220	CHEMICALS & LAB SUPPLIES								
83250	SAFETY SUPPLIES	600	935	650	181	200	650	650	650
83260	UNIFORMS PURCHASED	1,608	2,286	1,000	1,451	1,500	1,000	1,000	1,000
83270	CONSUMABLE TOOLS		176		270	370			
83299	OTHER OPERATING SUPPLIES	373	157		189	189			
=	XOPS	2,581	3,554	1,650	2,091	2,259	1,650	1,650	1,650
83300	GASOLINE & DIESEL FOR FLEET (INSIDE WILLIAMSON COUNTY)	10,847	8,844	11,000	4,449	8,000	10,000	16,883	17,389
=	XFUEL	10,847	8,844	11,000	4,449	8,000	10,000	16,883	17,389
83500	FURNITURE, FIXTURES (<\$25,000)	750	585		549	800			
83510	VEHICLES (<\$25,000)			15,512					
83520	MACHINERY & EQUIPMENT (<\$25,000)	244	8,377		1,859	2,000	5,000	5,000	5,000
83530	Miscellaneous	244	8,377		1,859	2,000	5,000	5,000	5,000
1	Zero Turn Lawn Mower								
2	Light Tower for Night Work								
3	Other								
4	Line Item 5								
5	Amount missing from detail								
*	COMPUTER HARDWARE (<\$25,000)								
+ 83530	New computer for Utilities Project Manager	1,648	4,334	4,278	9,100	10,000	5,000	5,000	5,000
1	Misc								
2	Line Item 3	1,648	4,334	2,778	9,100	10,000	5,000	5,000	5,000
3	Line Item 4			1,200					
4	Line Item 5			300					
5	Line Item 5								

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Estd 2017	Budget 2018	Forecast 2019	Forecast 2020
*	Amount missing from detail								
83550	COMPUTER SOFTWARE (<\$25,000)		24,437		762	1,000	12,000	12,000	12,000
=	XMEU	2,642	37,733	19,790	12,270	13,800	22,000	22,000	22,000
83610	VEHICLE PARTS & SUPPLIES	33			9	9			
83620	EQUIPMENT PARTS & SUPPLIES	21	28						
83652	LANDSCAPING SUPPLIES		211						
83654	GROUNDS MAINTENANCE SUPPLIES		100						
83660	BUILDING MAINTENANCE SUPPLIES	233	204		62	62			
=	XRMS	287	543		71	71			
85110	PROPERTY INSURANCE	1,131	1,595	1,675	1,022	1,022	1,073	1,127	1,183
85111	FRAUD INSURANCE								
85112	INLAND MARINE INSURANCE	45			45	45	47	50	52
85113	AUTO PHYSICAL DAMAGE	162	146	153	142	142	149	157	164
85115	LIABILITY INSURANCE	1,974	2,504	2,629	3,528	3,528	3,704	3,890	4,084
85116	E&O LIABILITY INSURANCE	852							
85117	VEHICLE LIABILITY INSURANCE	995	1,026	1,077	2,055	2,055	2,158	2,266	2,379
85119	UMBRELLA LIABILITY		594	624	667	667	700	735	772
85140	SURETY/NOTARY BONDS			50		50	50	50	50
85170	EASEMENTS ACQUIRED	3,522							
=	XPLC	8,681	5,865	6,208	7,459	7,509	7,881	8,275	8,684
85230	LAND USE RENTAL	50							
=	XRENT	50							
85320	STATE FEES	28,556	1,029	3,000	190	500	3,000	3,000	3,000
85340	RECORDING & FILING FEES	766	23		55	55			
=	XPERM	29,322	1,052	3,000	245	555	3,000	3,000	3,000
85530	E-COMMERCE FEES	10	1		2	2			
=	XFLF	10	1		2	2			
=	XOPS	83,198	112,283	79,356	70,038	84,941	84,086	91,432	92,417
	Capital								
89300	DISTRIBUTION SYSTEMS	85,135			28,120	40,000			
=	XIMPR	85,135			28,120	40,000			
+=	VEHICLES (>\$25,000)		26,899	9,203			70,000		60,000
1	Unit 14A Replacement								
2	Pickup Truck - Replacement								
3	Pickup Truck - Replacement								
4	Line Item 4		26,899	9,203			70,000		60,000
*	Amount missing from detail								
=	XMSO		26,899	9,203			70,000		60,000
=	XCAP	85,135	26,899	9,203	28,120	40,000	70,000		60,000

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Est'd 2017	Budget 2018	Forecast 2019	Forecast 2020
=	XTOT								
	TOTAL EXPENDITURES	916,161	1,037,247	1,132,112	789,821	1,135,492	1,186,637	1,177,080	1,294,275

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Est'd 2017	Budget 2018	Forecast 2019	Forecast 2020
	Personnel								
= 81110	REGULAR PAY	690,786	672,289	839,543	551,327	796,361	835,222	851,926	868,965
81120	OVERTIME PAY	47,349	45,767	25,000	27,289	39,417	25,000	25,000	25,000
= XWAGE	TOTAL WAGES	738,135	718,056	864,543	578,616	835,778	860,222	876,926	893,965
= 81410	FICA (EMPLOYER'S SHARE)	52,862	51,318	61,365	41,334	60,922	63,894	65,172	66,476
= 81420	MEDICAL PREMIUMS	190,785	195,736	226,028	113,912	227,824	248,631	273,494	300,844
= 81430	GROUP INSURANCE PREMIUMS	15,675	14,822	16,411	9,383	18,766	17,193	18,053	18,955
= 81440	EMPLOYEE INSURANCE CONTRIBUTIONS	(43,204)	(43,268)	(48,715)	(38,050)	(54,961)	(53,268)	(58,595)	(64,454)
! 81450	RETIREMENT CONTRIBUTIONS	63,442	75,616	103,292	77,469	103,292	118,786	130,664	143,731
81455	DEFERRED COMP MATCH	3,001	2,448	3,725	5,184	7,488	7,862	8,649	9,514
81460	UNEMPLOYMENT CLAIMS		3,655		(814)	(814)			
81470	WORKERS COMPENSATION PREMIUMS	15,327	16,189	16,471	6,280	6,280	12,000	12,500	13,000
81475	WORKERS COMPENSATION CLAIMS	44,018	80,733		4,237	4,237			
= XBEN	TOTAL BENEFITS	341,906	397,249	378,578	218,935	373,034	415,099	449,937	488,066
= XPER	TOTAL PERSONNEL	1,080,041	1,115,305	1,243,121	797,551	1,208,812	1,275,321	1,326,863	1,382,031
	Operations								
82110	MAILING & OUTBOUND SHIPPING SERVICES	304	198	500	413	500	500	500	500
82120	FREIGHT FOR INBOUND PURCHASED ITEMS	2,542	8,652	1,500	3,544	4,000	3,000	1,500	1,500
82130	VEHICLE LICENSES & TITLES		36	100			100	100	100
= XTRC	TOTAL TRANSPORTATION CHARGES	2,846	8,886	2,100	3,957	4,500	3,600	2,100	2,100
82210	PRINTING & COPYING SERVICES, OUTSOURCED	118	123						
82250	TESTING & PHYSICALS	686	804	400	660	1,000	400	400	400
82270	LANDFILL & BIOSOLIDS MANAGEMENT SERVICES	289,376	384,789	360,000	247,318	400,000	405,000	410,000	415,000
82280	LAB FEES	50,506	35,416	49,613	23,764	48,000	50,000	52,000	55,000
82299	OTHER OPERATING SERVICES		1,000	1,000			1,000	1,000	1,000
= XOPSV	TOTAL OPERATING SERVICES	340,686	421,132	411,013	271,742	449,000	456,400	463,400	471,400
82310	LEGAL NOTICES		155	1,000	44	100	1,000	1,000	1,000
82350	DUES FOR MEMBERSHIPS	702	650	500	459		500	500	500
82360	PUBLIC RELATIONS & EDUCATION (CITY SPONSORED)	759	724						
82369	PUBLICATIONS, NON-TRAINING	40							
= XNPS	TOTAL NOTICES, SUBSCRIPTIONS, PUBLICITY	1,501	1,529	1,500	503	100	1,500	1,500	1,500
82415	ELECTRIC SERVICE	921,836	1,133,833	1,273,080	644,038	1,075,000	1,100,000	1,150,000	1,200,000
82415	SOLAR ARRAY	3,529	(11,876)	(10,000)	(7,042)		(10,000)	(10,000)	(10,000)
82460	WATER & SEWER SERVICE	19,100	34,193	47,741	15,371	26,000	27,000	28,250	29,500
82460	STORMWATER SERVICE	4,174	5,008	5,305	2,922	5,008	5,008	5,008	5,008
82460	SOLID WASTE SERVICE	5,100	6,120	6,365	3,710	6,360	6,360	6,360	6,360
82460	NATURAL GAS SERVICE	9,248	6,423	15,914	4,285	5,000	7,000	7,250	7,500
82460	TELEPHONE SERVICE	2,305	3,190	2,864	1,800	3,300	3,350	3,400	3,450
82465	CELLULAR TELEPHONE SERVICE	2,048	2,690	2,122	1,392	2,350	2,350	2,350	2,350
82469	INTERNET & RELATED SERVICES		6,365						
= XUTIL	TOTAL UTILITIES	967,340	1,179,581	1,349,756	666,476	1,123,018	1,141,068	1,192,618	1,244,168
82500	ENGINEERING SERVICES								
+ 82560	CONSULTANT SERVICES	35,572	51,764		32,760	32,760			
1	Miscellaneous	35,572							
2	Vulnerability Assessment								
3	FOG Inspections								

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Est'd 2017	Budget 2018	Forecast 2019	Forecast 2020
4	PLC Programming								
5	Other		51,764		32,760	32,760			
*	Amount missing from detail								
82599	OTHER CONTRACTUAL SERVICES	520			7,435	7,435			
=	XCTS TOTAL CONTRACTUAL SERVICES	36,092	51,764		40,195	40,195			
82610	VEHICLE REPAIR & MAINTENANCE SERVICES	22,203	27,640	25,000	15,152	18,000	25,000	25,000	25,000
82620	EQUIPMENT REPAIR & MAINTENANCE SERVICES	55,100	122,097	65,000	64,823	75,000	65,000	65,000	65,000
82640	PAVING & REPAIR SERVICES								
82654	GROUNDS MAINTENANCE SERVICES	120	5,135	500			500	500	500
82660	BUILDING REPAIR & MAINTENANCE SERVICES	31,110	15,827	10,000	29,341	18,000	10,000	10,000	10,000
82684	PUMP STATION REPAIR SERVICES		3,170	8,000			8,000	8,000	8,000
82689	OTHER REPAIR & MAINTENANCE SERVICES		915	4,000			4,000	4,000	4,000
=	XRMSV TOTAL REPAIR & MAINTENANCE SERVICES	108,533	174,784	112,500	109,316	111,000	112,500	112,500	112,500
82750	EMPLOYEE RECOGNITION/RECEPTIONS			350		200	350	350	350
82780	TRAINING, OUTSIDE		250		525	525			
82790	TRAINING, IN-HOUSE		54		189	189			
=	XEPG TOTAL EMPLOYEE PROGRAMS		304	350	714	914	350	350	350
82810	REGISTRATIONS	1,265	1,460	1,500	1,205	1,500	1,500	1,500	1,500
82820	GROUND TRANSPORTATION (OUTSIDE WILLIAMSON COUNTY)		21	500	240	400	500	500	500
82830	AIR TRAVEL			1,000	335	800	1,000	1,000	1,000
82840	LODGING	647	950	1,500	1,013	1,500	1,500	1,500	1,500
82850	MEALS (OUTSIDE WILLIAMSON COUNTY)	533	257	200	311	500	400	400	400
=	XPDT TOTAL PROFESSIONAL DEVELOPMENT/TRAVEL	2,445	2,688	4,700	3,104	4,700	4,900	4,900	4,900
83110	OFFICE SUPPLIES	2,161	1,912	1,500	2,130	2,500	1,500	1,500	1,500
83120	OFFICE DÉCOR ITEMS (OTHER THAN FURNITURE)		904						
83130	EMPLOYEE BENEVOLENCE ITEMS	100	240		31	50			
83140	MEALS & FOOD (INSIDE WILLIAMSON COUNTY)	1,359	572	2,000	276	500	1,500	1,500	1,500
=	XOFS TOTAL OFFICE SUPPLIES	3,620	3,628	3,500	2,437	3,050	3,000	3,000	3,000
83210	TRAINING SUPPLIES	177		100			100	100	100
83220	CHEMICALS & LAB SUPPLIES	215,865	223,747	238,703	109,259	185,000	190,000	195,000	200,000
83221	ODOR CONTROL CHEMICALS		21,162		23,722	40,000	40,000	40,000	40,000
83240	MEDICAL SUPPLIES		235	800	399	720	800	800	800
83250	SAFETY SUPPLIES	9,761	6,116	4,000	6,961	8,000	8,000	8,000	8,000
83260	UNIFORMS PURCHASED	5,961	5,709	3,500	1,376	3,200	3,500	3,500	3,500
83270	CONSUMABLE TOOLS	91	83	500		100	500	500	500
83280	SOLID WASTE CONTAINERS								
83290	OTHER OPERATING SUPPLIES	10,805	3,123	15,000	2,651	5,500	15,000	15,000	15,000
=	XOXS TOTAL OPERATING SUPPLIES	242,660	260,175	262,603	144,368	242,520	257,900	262,900	267,900
83300	GASOLINE & DIESEL FOR FLEET (INSIDE WILLIAMSON COUNTY)	42,254	27,177	40,950	12,690	22,000	25,000	26,000	27,000
=	XPFEL TOTAL FUEL & MILEAGE	42,254	27,177	40,950	12,690	22,000	25,000	26,000	27,000
83510	FURNITURE, FIXTURES (<\$25,000)	381	1,066	600	1,226	400	600	600	600
83520	VEHICLES (<\$25,000)			8,023			8,424	8,845	9,288
+ 83530	MACHINERY & EQUIPMENT (<\$25,000)	3,009	4,914	60,775	32,198	40,000	60,000	60,000	60,000
01	Belt Press Wash-water Booster Pump								
02	DAF A/C Cabinet PLC								
03	Automated DO control for Ditch # 2								
04	Clarifier Brush Annual Replacement								
05	RAS Pump Revamp/Repair								
06	A/C Unit for UV Building								

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Estd 2017	Budget 2018	Forecast 2019	Forecast 2020
07	Headworks Cabinet A/C for PLC								
08	Other	3,009	4,914	60,775	32,198	40,000	60,000	60,000	60,000
*	Amount missing from detail								
83540	COMPUTER HARDWARE (<\$25,000)	3,365	2,580	4,619	1,173	3,000	4,600	4,600	4,600
83550	COMPUTER SOFTWARE (<\$25,000)						1,500	1,500	1,500
= XMEU	TOTAL MACHINERY & EQUIPMENT (<\$25,000)	6,755	8,560	74,017	34,597	43,400	75,124	75,545	75,988
83610	VEHICLE PARTS & SUPPLIES	2,583	2,411	1,000	646	1,000	1,000	1,000	1,000
83620	EQUIPMENT PARTS & SUPPLIES	16,754	114,673	40,000	111,665	80,000	50,000	50,000	50,000
83640	PAVING & REPAIR SUPPLIES	2,853	1,048						
83652	LANDSCAPING SUPPLIES		331						
83654	GROUNDNS MAINTENANCE SUPPLIES	826	4,282	2,000	689	1,500	2,000	2,000	2,000
83660	BUILDING MAINTENANCE SUPPLIES	8,499	22,016	4,000	15,872	15,000	6,000	6,000	6,000
83684	PUMP STATION REPAIR SUPPLIES		3,821	10,000		26	10,000	10,000	10,000
83699	OTHER REPAIR & MAINTENANCE PARTS & SUPPLIES	76			26				
= XRMS	TOTAL REPAIR & MAINTENANCE SUPPLIES	31,591	148,582	57,000	128,898	97,526	69,000	69,000	69,000
85110	PROPERTY INSURANCE	58,132	62,082	65,186	81,214	81,214	85,275	89,538	94,015
85111	FRAUD INSURANCE								
85112	INLAND MARINE INSURANCE	646			615	615	646	678	712
85113	AUTO PHYSICAL DAMAGE	602	537	564	541	541	568	596	626
85115	LIABILITY INSURANCE	6,932	9,040	9,492	14,672	14,672	15,406	16,176	16,985
85116	E&O LIABILITY INSURANCE	2,993							
85117	VEHICLE LIABILITY INSURANCE	2,201	11,993	12,593	4,109	4,109	4,314	4,530	4,757
85119	UMBRELLA LIABILITY		2,144	2,251	2,774	2,774	2,913	3,058	3,211
85120	PROPERTY DAMAGE COSTS	5,704							
85127	VEHICLE LIABILITY CLAIMS/DEDUCTIBLES	13,180	337						
= XPLC	TOTAL PROPERTY & LIABILITY COSTS	90,390	86,133	90,086	103,925	103,925	109,122	114,576	120,306
85240	EQUIPMENT RENTAL & LEASES	882	3,201	2,000	117	500	2,000	2,000	2,000
= XRENT	TOTAL RENTALS	882	3,201	2,000	117	500	2,000	2,000	2,000
85320	STATE FEES	10,408	12,235	12,500	14,140	15,000	12,500	12,500	12,500
= XPERM	TOTAL PERMITS	10,408	12,235	12,500	14,140	15,000	12,500	12,500	12,500
= XOPS	TOTAL OPERATIONS	1,888,003	2,390,359	2,424,575	1,537,179	2,261,348	2,273,964	2,342,889	2,414,612
	Capital								
89250	BUILDING IMPROVEMENTS			1,736	494,185	600,000			
= XBLDG	TOTAL BUILDINGS			1,736	494,185	600,000			
+ = 89550	VEHICLES (>\$25,000)			67,142		50,000	180,000	180,000	180,000
1	2009 Mack Dump Truck								
2	2011 Freightliner Dump Truck (Neely Coble)								
3	2011 - Replace 1998 4x4 Pickup Truck								
4	2011 - Replace 1999 Maintenance Truck w/Utility Bed								
5	2011 - Replace 2002 Pickup Truck								
6	Pickup Truck Replacement								
7	Line Item 7			67,142		50,000	180,000	180,000	180,000

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Estd 2017	Budget 2018	Forecast 2019	Forecast 2020
*	Amount missing from detail								
+	89530 MACHINERY & EQUIPMENT (>\$25,000)	35,934		613,541	69,115	250,000	365,000	365,000	365,000
01	UVT Analyzer (Southern Sales)								
02	Field Engineering Services (Reverse Control)								
03	2011 - Belt Press								
04	2011 - Ultra Violet Annual Bulb, Ballast, Boards, Boots, etc.								
05	2011 - VFD Installation for Supplemental Air								
06	Vogelsang DAF Pumps (2)								
07	2011 - Head works Odor Control recirculation pumps replacement								
08	2011 - Oil Change Piping for automated oil change for 9 aerators								
09	2011 - Copier replacement								
10	2011 - Main Pump Station Muffin Monster								
11	2011 - Generator Switch Gear Installation								
12	DAF Drive Arm Conversion								
13	Head Works Fine Screen Rehabilitation								
14	Influent Flow Monitor Replacement								
15	Main Pump Station VFD Drive								
16	Main Pump Station AC Replacement								
17	Test Filter Analyzer								
18	Odor Control Media Replacement								
19	Oxidation Ditch Aerator Replacement								
20	Anoxic Zone Mixer Replacement								
21	Main Pump Station Commminutor Replacement								
22	Line Item 22	35,934		613,541	69,115	250,000	365,000	365,000	365,000
*	Amount missing from detail								
=	XMEO TOTAL MACHINERY & EQUIPMENT (>\$25,000)	35,934		680,683	69,115	300,000	545,000	545,000	545,000
=	XCAP TOTAL CAPITAL	35,934		682,419	563,300	900,000	545,000	545,000	545,000
=	XTOT TOTAL EXPENDITURES	3,003,978	3,505,664	4,350,115	2,898,030	4,370,160	4,094,285	4,214,752	4,341,643

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Estd 2017	Budget 2018	Forecast 2019	Forecast 2020
	Personnel								
I+= 81110	REGULAR PAY								
1	Classification & Compensation Plan			32,693			150,000	150,000	150,000
*	Amount missing from detail			32,693			150,000	150,000	150,000
= XWAGE	TOTAL WAGES			32,693			150,000	150,000	150,000
= 81420	MEDICAL PREMIUMS	60,235	45,279	46,516	7,946	46,516	47,911	49,348	50,828
= 81440	EMPLOYEE INSURANCE CONTRIBUTIONS	(11,239)	(12,776)	(13,563)	(13,293)	(13,563)	(13,970)	(14,389)	(14,821)
= XBEN	TOTAL BENEFITS	48,996	32,503	32,953	(5,347)	32,953	33,941	34,959	36,007
= XPER	TOTAL PERSONNEL	48,996	32,503	65,646	(5,347)	32,953	183,941	184,959	186,007
	Operations								
82110	MAILING & OUTBOUND SHIPPING SERVICES	30							
= XTRC	TOTAL TRANSPORTATION CHARGES	30							
82210	PRINTING & COPYING SERVICES, OUTSOURCED	423	170						
= XOPSV	TOTAL OPERATING SERVICES	423	170						
82310	LEGAL NOTICES	690							
82350	DUES FOR MEMBERSHIPS	30	30		206	206			
= XNSP	TOTAL NOTICES, SUBSCRIPTIONS, PUBLICITY	720	30		236	236			
82520	LEGAL SERVICES	185,046	479,596	15,000	151,425	200,000	10,000	10,000	10,000
82530	AUDIT SERVICES	12,250	11,875	12,750	12,000	12,000	12,500	13,000	13,000
82540	ENGINEERING SERVICES	141,723	67,240						
82560	CONSULTANT SERVICES	1,720	16,680	125,000		50,000	160,000	135,000	125,000
82599	OTHER CONTRACTUAL SERVICES	76,431	187,305	175,000	57,594	100,000	178,000	228,000	188,000
= XCTS	TOTAL CONTRACTUAL SERVICES	417,170	762,696	327,750	221,019	362,000	360,500	386,000	336,000
82610	VEHICLE REPAIR & MAINTENANCE SERVICES								
82682	REPAIR TO LINES				34,337				
= XRSV	TOTAL REPAIR & MAINTENANCE SERVICES				34,337				
82800	OTHER TRAVEL EXPENSES	7,671							
= XPT	TOTAL PROFESSIONAL DEVELOPMENT/TRAVEL	7,671							
84700	ADMIN SERVICES PROVIDED BY GENERAL FUND	1,029,289	1,037,990	1,081,927	811,445	1,081,927	1,121,229	1,143,654	1,166,527
= XCOU	TOTAL OPERATIONAL UNITS	1,029,289	1,037,990	1,081,927	811,445	1,081,927	1,121,229	1,143,654	1,166,527
85170	EASEMENTS ACQUIRED				23,000	23,000			
= XPC	TOTAL PROPERTY & LIABILITY COSTS				23,000	23,000			
85600	PERMITS	6,000	6,250		950	950			
85380	STATE FEES		500		250	250			

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Est'd 2017	Budget 2018	Forecast 2019	Forecast 2020
85340	RECORDING & FILING FEES		21,823		(18,772)	(18,772)			
=	XPERM TOTAL PERMITS	6,000	28,573		(17,572)	(17,572)			
85570	BAD DEBT EXPENSE (NET OF RECOVERIES)	11,458	21,176	20,000	10,886	20,000	20,000	20,000	20,000
85575	LEAK ADJUSTMENTS			25,000			25,000	25,000	25,000
=	XFLF TOTAL FINANCIAL FEES	11,458	21,176	45,000	10,886	20,000	45,000	45,000	45,000
+	PRINCIPAL	823,900	820,000	858,500		858,500	872,800	901,100	909,450
01	1999 Refunding - \$2.195m (100%)								
02	2001 Issue - \$7m (100%)								
03	2002 Issue - \$2.27m (46%)								
04	2002A Refunding - \$4.715m (6%)								
05	2002A Notes - \$1.23m (100%)								
06	2002B Issue - \$26.23m (25%)								
07	2005 Refunding - \$24.67m (40%)	812,000	820,000	846,000		846,000	872,800	901,100	909,450
08	2008 Issue - \$20m (1%)								
09	2011 Refunding - \$19.43m (1%)	11,900		12,500		12,500			
*	Amount missing from detail								
+	INTEREST	435,594	384,516	353,395		353,395	310,784	267,466	222,741
01	1999 Refunding - \$2.195m (100%)								
02	2001 Issue - \$7m (100%)								
03	2002 Issue - \$2.27m (46%)								
04	2002A Refunding - \$4.715m (6%)								
05	2002A Notes - \$1.23m (100%)								
06	2002B Issue - \$26.23m (25%)								
07	2005 Refunding - \$24.67m (40%)	431,550	384,516	349,950		349,950	310,784	267,466	222,741
08	2008 Issue - \$20m (1%)								
09	2011 Refunding - \$19.43m (1%)	4,044		3,445		3,445			
10	Year End Interest Accrual								
*	Amount missing from detail								
86300	PAYING AGENT & OTHER DEBT FEES	723	261	700		700	700	700	700
+	LEASE/LOAN PRINCIPAL								
1	Hansen UB Software Lease (40%)								
*	Amount missing from detail								
86700	LEASE/LOAN INTEREST								
1	Hanse UB Software Lease (40%)								
*	Amount missing from detail								
=	XDSV TOTAL DEBT SERVICE	1,260,217	1,204,777	1,212,595		1,212,595	1,184,284	1,169,266	1,132,891
88005	TRANSFER TO DEBT SERVICE FUND	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
=	XTEAN TOTAL TRANSFERS	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
=	XGCP TOTAL OPERATIONS	2,832,978	3,155,412	2,767,272	1,183,351	2,782,186	2,811,013	2,843,920	2,780,418
	Capital								
89330	DISTRIBUTION SYSTEMS	3,177,420		2,900,000	1,128,658	1,500,000	3,100,000	3,350,000	3,589,073
=	XIMPR TOTAL IMPROVEMENTS	3,177,420		2,900,000	1,128,658	1,500,000	3,100,000	3,350,000	3,589,073
=	XGCP TOTAL CAPITAL	3,177,420		2,900,000	1,128,658	1,500,000	3,100,000	3,350,000	3,589,073
=	XTOT TOTAL EXPENDITURES	6,059,394	3,187,915	5,732,918	2,306,662	4,315,139	6,094,954	6,378,879	6,555,498



City of Franklin, Tennessee **FY 2018 Operating Budget**

Reclaimed Water

Section Summary

On February 10, 2004, the City of Franklin Board of Mayor and Aldermen officially created the Reclaimed Division through adoption of Title 18, Chapter 4, of the Franklin Municipal Code. The Reclaimed Water Section produces and distributes water for commercial and residential irrigation use within the City's water service area. There are no dedicated personnel assigned to this division. Personnel from the Service Divisions currently maintain the reclaimed water lines and personnel from the Water Reclamation Plant operate and



Section Goals & Strategic Initiatives

The primary goal for the Reclaimed Water Section is to distribute high quality effluent water for irrigation needs of customers. A benefit of reclaimed water, in addition to a low cost alternative for irrigation water, is that it reduces loading of effluent to the Harpeth River. While the use of reclaimed water is typically seasonal, the department has been and will continue to evaluate other disposal concepts that would reduce effluent discharge to the river that are consistent with the permit.

Though reclaimed water is not an essential service, it is imperative that the Department be able to serve the demands for the system. It is projected that the existing Long Lane Water Tank (500,000 gallons) will be converted to a reclaimed storage facility in FY 2019. Additional storage facilities are being considered using existing department property.



City of Franklin, Tennessee

FY 2018 Operating Budget

Budget

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F (E-C)</u>	<u>G (E/C)</u>
	Actual	Actual	Budget	Estd	Budget	Difference '17 vs. '18	
	2015	2016	2017	2017	2018	\$	%
Personnel							
Salaries & Wages	-	-	-	-	-	-	0.0%
Employee Benefits	-	-	-	-	-	-	0.0%
Total Personnel	-	-	-	-	-	-	0.0%
Operations							
Transportation Services	-	-	250	-	250	-	0.0%
Operating Services	-	-	-	-	-	-	0.0%
Notices, Subscriptions, etc.	-	-	100	-	100	-	0.0%
Utilities	9	12	50	50	50	-	0.0%
Contractual Services	-	-	-	-	-	-	0.0%
Repair & Maintenance Services	-	-	12,000	12,000	12,000	-	0.0%
Employee programs	-	-	-	-	-	-	0.0%
Professional Development/Travel	-	-	-	-	-	-	0.0%
Office Supplies	1,884	-	-	-	-	-	0.0%
Operating Supplies	86,756	36,930	108,200	65,500	110,200	2,000	0.0%
Fuel & Mileage	-	-	-	-	-	-	0.0%
Supplies for Resale	-	-	-	-	-	-	0.0%
Machinery & Equipment (<\$25,000)	-	-	2,000	-	2,000	-	0.0%
Repair & Maintenance Supplies	14,710	1,259	15,500	42,035	15,500	-	0.0%
Operational Units	-	-	-	-	-	-	0.0%
Property & Liability Costs	-	-	-	-	-	-	0.0%
Rentals	-	-	-	-	-	-	0.0%
Financial Fees	-	-	-	-	-	-	0.0%
Permits	-	-	-	-	-	-	0.0%
Debt Service and Lease Payments	61,088	44,913	65,975	65,975	65,975	-	0.0%
Total Operations	164,447	83,114	204,075	185,560	206,075	2,000	0.0%
Capital	-	-	-	-	-	-	0.0%
Total Reclaimed Water	164,447	83,114	204,075	185,560	206,075	2,000	0.0%

Note: Definitions of each category can be found

[illegible]

Account	Label	Actual 2015	Actual 2016	Budget 2017	YTD@3/31/2017	Estid 2017	Budget 2018	Forecast 2019	Forecast 2020
+	86600								
	LEASE/LOAN PRINCIPAL	37,790	22,644	43,066	29,907	43,066	44,239	45,444	46,682
1	ARRA#6 Loan \$1,888,200 (54%)	37,790	22,644	43,066	29,907	43,066	44,239	45,444	46,682
*	Amount missing from detail								
+	86700								
	LEASE/LOAN INTEREST	23,298	22,269	22,909	15,909	22,909	21,736	20,531	19,293
1	ARRA#6 Loan \$1,888,200 (54%)	23,298	22,269	22,909	15,909	22,909	21,736	20,531	19,293
*	Amount missing from detail								
=	XDSV	61,088	44,913	65,975	45,816	65,975	65,975	65,975	65,975
=	XOP	164,447	83,114	204,075	101,342	185,560	206,075	209,075	212,075
	Capital								
=	XTOT	164,447	83,114	204,075	101,342	185,560	206,075	209,075	212,075
	TOTAL EXPENDITURES								



City of Franklin, Tennessee

FY 2017-2018 Biennial Operating Budget

Appendix I: Water & Sewer Forecasts (Operating & Capital) - FY 2018-2022

	Budget 2018	Budget 2019	Budget 2020	Budget 2021	Budget 2022
Water					
Revenues					
Interest Income	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 20,000
Rental Income	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000
Sale of Surplus Assets	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Money & Property	\$ 36,500	\$ 36,500	\$ 36,500	\$ 36,500	\$ 44,000
Customer Service	\$ 11,582,574	\$ 11,987,964	\$ 12,407,543	\$ 12,841,807	\$ 13,291,270
Inspection Fees	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
Other Service Revenue	\$ 95,000	\$ 95,000	\$ 95,000	\$ 95,000	\$ 95,000
Customer Service	\$ 11,737,574	\$ 12,142,964	\$ 12,562,543	\$ 12,996,807	\$ 13,446,270
Available Funds	\$ 11,774,074	\$ 12,179,464	\$ 12,599,043	\$ 13,033,307	\$ 13,490,270
Expenses					
Personnel	\$ 2,285,342	\$ 2,404,180	\$ 2,531,416	\$ 2,657,390	\$ 2,802,814
Operations	\$ 7,881,723	\$ 8,058,009	\$ 8,224,363	\$ 8,435,002	\$ 8,648,801
Capital	\$ 1,699,000	\$ 1,717,500	\$ 1,670,000	\$ 1,670,000	\$ 1,745,000
Total Water	\$ 11,866,065	\$ 12,179,689	\$ 12,425,779	\$ 12,762,392	\$ 13,196,615
Surplus/(Deficit)	\$ (91,991)	\$ (225)	\$ 173,264	\$ 270,915	\$ 293,655

Water Forecast

The five-year forecast for Water Services maintains current service levels and rate increases. The FY 2018 through FY 2022 revenues are based on revenue requirements projected during the cost of service analyses and include debt service associated with the priority water distribution projects as approved by the BOMA (starting in 2018) and debt service associated with the Water Treatment Plant Upgrade (starting in 2017). This amount will fund costs of the projects identified through the Integrated Water Resource Plan. Detail on rate funded capital can be found in the Appendices section.



City of Franklin, Tennessee

FY 2017-2018 Biennial Operating Budget

Appendix I: Water & Sewer Forecasts (Operating & Capital) - FY 2018-2022

	Budget 2018	Budget 2019	Budget 2020	Budget 2021	Budget 2022
Wastewater					
Revenues					
Interest Income	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000
Rental Income	\$ 2,800	\$ 2,800	\$ 2,800	\$ 2,800	\$ 2,800
Sale of Surplus Assets	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Money & Property	\$ 82,800	\$ 82,800	\$ 82,800	\$ 82,800	\$ 82,800
Customer Service	\$ 17,693,606	\$ 18,666,754	\$ 19,693,426	\$ 20,776,564	\$ 21,192,095
Inspection Fees	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
Other Service Revenue	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
Customer Service	\$ 17,808,606	\$ 18,781,754	\$ 19,808,426	\$ 20,891,564	\$ 21,307,095
Available Funds	\$ 17,891,406	\$ 18,864,554	\$ 19,891,226	\$ 20,974,364	\$ 21,389,895
Expenses					
Personnel	\$ 4,108,570	\$ 4,285,469	\$ 4,491,969	\$ 4,712,500	\$ 4,948,230
Operations	\$ 5,776,990	\$ 5,893,271	\$ 5,899,714	\$ 5,976,977	\$ 6,065,537
Capital	\$ 3,810,000	\$ 4,302,500	\$ 4,264,073	\$ 4,403,254	\$ 4,547,216
Total Wastewater	\$ 13,695,560	\$ 14,481,241	\$ 14,655,756	\$ 15,092,731	\$ 15,560,983
Surplus/(Deficit)	\$ 4,195,846	\$ 4,383,313	\$ 5,235,469	\$ 5,881,633	\$ 5,828,913

*More detail on Forecast years can be found in the Appendices Section.

Wastewater Forecast

The five-year forecast for Wastewater Services maintains current service levels and rate increases. The forecast shows the generation of at least \$2.7 million annually in surplus. This amount will fund costs of the projects identified through the Integrated Water Resource Plan. The FY 2018 through FY 2022 revenues are based on revenue requirements projected during the cost of service analyses and include debt service associated with the priority water distribution projects as approved by the BOMA (starting in 2018) and debt service associated with the Wastewater Treatment Plant Upgrade (starting in 2017). Detail on rate funded capital can be found in the Appendices section.



City of Franklin, Tennessee

FY 2017-2018 Biennial Operating Budget

Appendix I: Water & Sewer Forecasts (Operating & Capital) - FY 2018-2022

	Budget 2018	Budget 2019	Budget 2020	Budget 2021	Budget 2022
Reclaimed Water					
Revenues					
Interest Income	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
Use of Money & Property	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
Customer Service	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Penalties	\$ 250	\$ 250	\$ 250	\$ 250	\$ 250
Inspection Fees	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Other Service Revenue	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
Customer Service	\$ 204,750	\$ 204,750	\$ 204,750	\$ 204,750	\$ 204,750
Available Funds	\$ 204,850	\$ 204,850	\$ 204,850	\$ 204,850	\$ 204,850
Expenses					
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -
Operations	\$ 206,075	\$ 209,075	\$ 212,075	\$ 148,100	\$ 150,100
Capital	\$ -	\$ -	\$ -	\$ -	\$ -
Total Reclaimed Water	\$ 206,075	\$ 209,075	\$ 212,075	\$ 148,100	\$ 150,100
Surplus/(Deficit)	\$ (1,225)	\$ (4,225)	\$ (7,225)	\$ 56,750	\$ 54,750

**More detail on Forecast years can be found in the Appendices Section.*

Reclaimed Water Forecast

The five-year forecast for Reclaimed Water Services maintains current service levels and rates. The forecast shows small deficits in FY 2018 through FY 2020, but larger surpluses in FY 2021 and FY 2022.



City of Franklin, Tennessee

FY 2017-2018 Biennial Operating Budget

Appendix I: Water & Sewer Forecasts (Operating & Capital) - FY 2018-2022

	Budget 2018	Budget 2019	Budget 2020	Budget 2021	Budget 2022
Divisions					
Water Distribution	2,165,034	2,017,377	2,007,795	2,073,819	2,155,073
Water Treatment/Plant	5,617,843	5,842,113	6,070,287	6,292,239	6,518,386
Utility Billing	160,889	169,377	178,438	188,122	198,476
Water General	3,922,298	4,150,823	4,169,259	4,208,211	4,324,680
Total Water	11,866,064	12,179,689	12,425,779	12,762,392	13,196,615

Expense by Category					
Personnel					
Salaries & Wages	1,559,243	1,615,973	1,674,972	1,726,331	1,790,144
Employee Benefits	726,099	788,207	856,445	931,059	1,012,670
Total Personnel	2,285,342	2,404,180	2,531,417	2,657,390	2,802,814

Operations					
Transportation Services	3,075	3,075	3,075	3,075	3,075
Operating Services	26,600	26,600	26,600	26,600	26,600
Notices, Subscriptions, etc.	13,450	13,450	13,450	13,450	13,450
Utilities	213,550	218,475	223,450	229,408	235,520
Contractual Services	175,125	125,125	105,125	105,125	105,125
Repair & Maintenance Services	96,000	96,000	96,000	96,000	96,000
Employee programs	7,200	7,200	7,200	7,200	7,200
Professional Development/Travel	8,900	8,900	8,900	8,900	8,900
Office Supplies	4,400	4,400	4,400	4,400	4,400
Operating Supplies	321,550	331,550	341,550	351,550	361,550
Fuel & Mileage	25,775	26,700	27,750	29,155	30,608
Supplies for Resale	4,050,000	4,215,000	4,375,000	4,525,000	4,675,000
Machinery & Equipment (<\$25,000)	95,100	58,100	42,600	42,600	42,600
Repair & Maintenance Supplies	246,700	246,700	246,700	246,700	246,700
Operational Units	1,261,384	1,299,226	1,338,202	1,378,348	1,419,699
Property & Liability Costs	83,819	88,010	92,413	97,031	101,883
Rentals	2,000	2,000	2,000	2,000	2,000
Financial Fees	15,050	15,050	15,050	15,050	15,050
Permits	38,100	38,100	38,100	38,100	38,100
Debt Service and Lease Payments	1,193,945	1,234,348	1,216,799	1,215,309	1,215,341
Total Operations	7,881,723	8,058,009	8,224,364	8,435,002	8,648,801

Buildings	-	-	-	-	-
Improvements	1,300,000	1,500,000	1,500,000	1,500,000	1,575,000
Machinery & Equipment (>\$25,000)	399,000	217,500	170,000	170,000	170,000
Capital	1,699,000	1,717,500	1,670,000	1,670,000	1,745,000

Total Water Forecast	11,866,066	12,179,689	12,425,781	12,762,392	13,196,615
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City of Franklin, Tennessee

FY 2017-2018 Biennial Operating Budget

Appendix I: Water & Sewer Forecasts (Operating & Capital) - FY 2018-2022

	Budget 2018	Budget 2019	Budget 2020	Budget 2021	Budget 2022
Divisions					
Wastewater Collection	2,322,951	2,714,166	2,468,093	2,506,466	2,622,273
Wastewater Plant	4,092,933	4,213,268	4,340,129	4,483,252	4,630,943
Utility Administration	1,132,112	1,184,720	1,174,928	1,292,037	1,292,709
Wastewater General	6,094,954	6,378,879	6,555,498	6,810,304	6,950,554
Total Water	13,642,950	14,491,032	14,538,647	15,092,059	15,496,479

Expense by Category					
Personnel					
Salaries & Wages	2,844,055	2,932,858	3,024,883	3,120,247	3,219,079
Employee Benefits	1,264,515	1,352,611	1,467,087	1,592,253	1,729,151
Total Personnel	4,108,570	4,285,469	4,491,969	4,712,500	4,948,230

Operations					
Transportation Services	4,800	3,300	3,300	3,300	3,300
Operating Services	460,760	467,760	475,760	496,065	514,080
Notices, Subscriptions, etc.	16,800	16,800	16,800	16,800	16,800
Utilities	1,294,721	1,350,277	1,405,949	1,461,455	1,517,087
Contractual Services	360,500	386,000	336,000	336,000	336,000
Repair & Maintenance Services	238,000	238,000	238,000	238,000	238,000
Employee programs	4,750	4,750	4,750	4,750	4,750
Professional Development/Travel	20,900	20,900	20,900	20,900	20,900
Office Supplies	6,650	6,650	6,650	6,650	6,650
Operating Supplies	287,850	292,850	297,850	302,850	307,850
Fuel & Mileage	63,900	72,633	74,989	77,428	79,910
Supplies for Resale	2	3	4	5	6
Machinery & Equipment (<\$25,000)	133,724	134,145	134,588	135,052	135,540
Repair & Maintenance Supplies	183,000	183,000	183,000	183,000	183,000
Operational Units	1,121,229	1,143,654	1,166,527	1,189,857	1,213,654
Property & Liability Costs	163,325	171,491	180,060	189,062	198,513
Rentals	3,500	3,500	3,500	3,500	3,500
Financial Fees	45,000	45,000	45,000	45,000	45,000
Permits	17,000	17,000	17,000	17,000	17,000
Debt Service and Lease Payments	1,350,580	1,335,562	1,289,092	1,250,307	1,224,002
Total Operations	5,776,991	5,893,274	5,899,718	5,976,982	6,065,543

Buildings	-	-	-	-	2,216
Improvements	3,100,000	3,350,000	3,589,073	3,858,254	4,000,000
Machinery & Equipment (>\$25,000)	710,000	952,500	675,000	545,000	545,000
Capital	3,810,000	4,302,500	4,264,073	4,403,254	4,547,216

Total Wastewater	13,695,561	14,481,244	14,655,760	15,092,736	15,560,989
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City of Franklin, Tennessee

FY 2017-2018 Biennial Operating Budget

Appendix I: Water & Sewer Forecasts (Operating & Capital) - FY 2018-2022

	Budget 2018	Budget 2019	Budget 2020	Budget 2021	Budget 2022
Personnel					
Salaries & Wages					
Employee Benefits					
Total Personnel	-	-	-	-	-
Operations					
Transportation Services	250	250	250	250	250
Operating Services	-	-	-	-	-
Notices, Subscriptions, etc.	100	100	100	100	100
Utilities	50	50	50	50	50
Contractual Services	-	-	-	-	-
Repair & Maintenance Services	12,000	12,000	12,000	12,000	12,000
Employee programs	-	-	-	-	-
Professional Development/Travel	-	-	-	-	-
Office Supplies	-	-	-	-	-
Operating Supplies	110,200	113,200	116,200	118,200	120,200
Fuel & Mileage	-	-	-	-	-
Supplies for Resale	-	-	-	-	-
Machinery & Equipment (<\$25,000)	2,000	2,000	2,000	2,000	2,000
Repair & Maintenance Supplies	15,500	15,500	15,500	15,500	15,500
Operational Units	-	-	-	-	-
Property & Liability Costs	-	-	-	-	-
Rentals	-	-	-	-	-
Financial Fees	-	-	-	-	-
Permits	-	-	-	-	-
Debt Service and Lease Payments	65,975	65,975	65,975	-	-
Total Operations	206,075	209,075	212,075	148,100	150,100
Capital	-	-	-	-	-
Total Reclaimed Water	206,075	209,075	212,075	148,100	150,100



City of Franklin, Tennessee
FY 2018 Operating Budget

Appendix I: Water & Sewer Forecasts (Operating & Capital) - FY 2018-2022

Project	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL	Funding Source
Spencer Creek Sanitary Sewer Replacement	\$ 1,290,000	\$ 480,000	\$ -	\$ -	\$ -	\$ 1,770,000	Wastewater Renewal
Sewer Interceptor Point Repair Projects	\$ 1,000,000	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ 2,000,000	Wastewater Renewal
James and Avondale Infrastructure Improvements	\$ 436,000	\$ -	\$ -	\$ -	\$ -	\$ 436,000	Wastewater Renewal
Forrest Crossing No1 forcemain rehab	\$ 110,000	\$ -	\$ -	\$ -	\$ -	\$ 110,000	Wastewater Renewal
West End Circle Infrastructure Improvements	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000	Wastewater Renewal
Thompson Alley Infrastructure Improvements	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000	Wastewater Renewal
Frazier Drive Sanitary Sewer Rehabilitation	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000	Wastewater Renewal
Adams Street Infrastructure Improvements	\$ -	\$ 810,000	\$ -	\$ -	\$ -	\$ 810,000	Wastewater Renewal
Evans Street Sewer Improvements	\$ -	\$ 452,500	\$ -	\$ -	\$ -	\$ 452,500	Wastewater Renewal
Holiday Court Lift Station Rehabilitation	\$ 460,000	\$ -	\$ -	\$ -	\$ -	\$ 460,000	Wastewater Renewal
West Main Infrastructure Improvements	\$ -	\$ 250,000	\$ 2,000,000	\$ 1,000,000	\$ -	\$ 3,250,000	Wastewater Renewal
Franklin Road Improvements & Streetscape	\$ -	\$ 78,000	\$ -	\$ -	\$ -	\$ 78,000	Wastewater Renewal
New Hope Academy Sewer Line Replacement	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	Wastewater Renewal
Church Street Infrastructure Improvements	\$ -	\$ 25,000	\$ 200,000	\$ -	\$ -	\$ 225,000	Wastewater Renewal
Berry Circle Sanitary Sewer Line	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	Wastewater Renewal
Mallory/N Royal Oaks & Liberty Intersection Imp.	\$ -	\$ -	\$ 112,600	\$ -	\$ -	\$ 112,600	Wastewater Renewal
S. Margin Infrastructure Upgrades (1st - Columbia)	\$ -	\$ -	\$ -	\$ 642,960	\$ -	\$ 642,960	Wastewater Renewal
Gist Street Infrastructure Improvements	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ 250,000	Wastewater Renewal
East McEwen Drive Improvements - Phase 4	\$ -	\$ -	\$ -	\$ 179,850	\$ 179,850	\$ 359,700	Wastewater Renewal
Beta Drive Extension	\$ -	\$ -	\$ -	\$ 36,000	\$ -	\$ 36,000	Wastewater Renewal
Eastview Circle Infrastructure Improvements	\$ -	\$ -	\$ -	\$ 20,000	\$ 212,500	\$ 232,500	Wastewater Renewal
South Prong Sanitary Sewer Upgrade	\$ -	\$ -	\$ -	\$ -	\$ 1,225,000	\$ 1,225,000	Wastewater Renewal
Forrest Street Infrastructure	\$ -	\$ -	\$ -	\$ -	\$ 217,500	\$ 217,500	Wastewater Renewal
Battle Avenue Infrastructure Replacement	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 120,000	Wastewater Renewal
	\$ 3,481,000	\$ 2,670,500	\$ 2,812,600	\$ 2,128,810	\$ 1,954,850	\$ 13,047,760	TOTAL
James and Avondale Infrastructure Improvements	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000	Water Renewal
Old Carters Creek Pike Water Line	\$ 480,000	\$ -	\$ -	\$ -	\$ -	\$ 480,000	Water Renewal
Bobby Drive Water Line Replacement	\$ 430,000	\$ 425,000	\$ -	\$ -	\$ -	\$ 855,000	Water Renewal
West End Circle Infrastructure Improvements	\$ 127,000	\$ -	\$ -	\$ -	\$ -	\$ 127,000	Water Renewal



City of Franklin, Tennessee
FY 2018 Operating Budget

Appendix I: Water & Sewer Forecasts (Operating & Capital) - FY 2018-2022

Project	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL	Funding Source
16" Water Line Long Lane Connector	\$ 60,000	\$ 25,000	\$ 1,000,000	\$ -	\$ -	\$ 1,085,000	Water Renewal
Thompson Alley Infrastructure Improvements	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ 55,000	Water Renewal
Adams Street Infrastructure Improvements	\$ -	\$ 510,000	\$ -	\$ -	\$ -	\$ 510,000	Water Renewal
Franklin Road Improvements & Streetscape	\$ -	\$ 155,650	\$ 155,650	\$ -	\$ -	\$ 311,300	Water Renewal
West Main Infrastructure Improvements	\$ -	\$ 150,000	\$ 1,500,000	\$ 1,000,000	\$ -	\$ 2,650,000	Water Renewal
Water Line from Fourth Ave S to Berry Circle	\$ -	\$ 93,000	\$ -	\$ -	\$ -	\$ 93,000	Water Renewal
Church Street Infrastructure Improvements	\$ -	\$ 25,000	\$ 275,000	\$ -	\$ -	\$ 300,000	Water Renewal
S. Margin Infrastructure Upgrades (1st - Columbia)	\$ -	\$ -	\$ -	\$ 294,690	\$ -	\$ 294,690	Water Renewal
Gist Street Infrastructure Improvements	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000	Water Renewal
Old Hillsboro Rd Water Line	\$ -	\$ -	\$ -	\$ 80,000	\$ 295,000	\$ 375,000	Water Renewal
Murfreesboro Rd Water line Replacement	\$ -	\$ -	\$ -	\$ 67,500	\$ 675,000	\$ 742,500	Water Renewal
Eastview Circle Infrastructure Improvements	\$ -	\$ -	\$ -	\$ 30,000	\$ 303,000	\$ 333,000	Water Renewal
Lee Drive Water Line Replacement	\$ -	\$ -	\$ -	\$ 15,000	\$ 200,000	\$ 215,000	Water Renewal
Beta Drive Extension	\$ -	\$ -	\$ -	\$ 11,000	\$ -	\$ 11,000	Water Renewal
Glass Lane Water Line Replacement	\$ -	\$ -	\$ -	\$ -	\$ 255,000	\$ 255,000	Water Renewal
Forrest Street Infrastructure	\$ -	\$ -	\$ -	\$ -	\$ 145,000	\$ 145,000	Water Renewal
Lewisburg Pike Water Line Replacement	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 120,000	Water Renewal
Alicia Drive Water Line Replacement	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000	Water Renewal
Battle Avenue Infrastructure Replacement	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 80,000	Water Renewal
Buckworth Infrastructure Improvements	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000	Water Renewal
	\$ 1,352,000	\$ 1,383,650	\$ 2,930,650	\$ 1,648,190	\$ 2,183,000	\$ 9,497,490	TOTAL
Long Lane Reservoir Conversion from Potable Water to Reclaimed Water	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000	Reclaimed Renewal
	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000	TOTAL