



City of Franklin, Tennessee

FY 2016-2017

**Water Management
Biennial Operating Budget
Fiscal 2017**

Water - Wastewater - Reclaimed





City of Franklin, Tennessee

FY 2016-2017 Biennial Operating Budget

Water Management

Mark Hilty, Water Management Director

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Water Management

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	2014	2015	2016		2017	2016 v. 2017	
	Actual	Actual	Budget	Estimated	Budget	\$	%
Beginning Balance	15,043,450	18,318,852	28,478,454	28,478,454	29,984,852	FY 2024	
Revenues	23,187,312	31,082,159	24,708,803	24,708,803	26,150,977	1,442,174	5.8%
Expenses							
Personnel	4,765,815	4,944,757	5,485,616	4,859,270	5,807,843	322,227	5.9%
Operations	11,847,191	11,334,843	12,545,682	12,887,493	12,851,238	305,556	2.4%
Capital	3,298,904	4,642,956	5,171,107	4,655,028	5,401,035	229,928	4.4%
Expenses	19,911,910	20,922,557	23,202,405	22,401,791	24,060,116	857,711	3.7%
Ending Balance	18,318,852	28,478,454	29,984,852	30,785,467	32,075,713		

Budget Summary - By Division

	2014	2015	2016		2017	2016 vs. 2017	
	Actual	Actual	Budget	Estimated	Budget	\$	%
Beginning Balance	15,043,450	18,318,852	28,478,454	28,478,454	29,984,852		
Revenues	23,187,312	31,082,159	24,708,803	24,708,803	26,150,977	1,442,174	5.8%
Expenses							
Water	8,863,912	8,926,520	10,109,761	9,928,216	10,322,769	213,008	2.1%
Wastewater	10,904,872	11,831,590	12,889,814	12,270,743	13,483,272	593,459	4.6%
Reclaimed	143,126	164,447	202,831	104,351	254,075	51,244	25.3%
Expenses	19,911,910	20,922,557	23,202,405	22,303,311	24,060,116	857,711	3.7%
Ending Balance	18,318,852	28,478,454	29,984,852	30,883,947	32,075,713		

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.



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Water Management

Mark Hilty, Water Management Director

Departmental Summary (con't)

This fiscal year 2016 and 2017 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.



City of Franklin, Tennessee

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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

	2013	2014	2015	2016*	2017*
TBD					

Efficiency Measures

	2013	2014	2015	2016*	2017*
TBD					



City of Franklin, Tennessee

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Performance Measures

Outcome (Effectiveness) Measures

	2013	2014	2015	2016*	2017*
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	\$ 1,596,686	\$ 1,543,096	\$ 1,293,381	\$ 1,689,572	\$ 1,728,545
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?	No	Yes	Yes	No	No
Unaccounted water within the system decreases	20.8%	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	Yes	Yes
Sanitary score remains or improves	Yes	Yes	TBD	TBD	TBD
Target (97 from FY 2012)	97	97	97	97	97
Meets Target?	Yes	Yes	TBD	TBD	TBD
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	Yes	Yes
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.)	8.0%	10.0%	11.0%	12.0%	15.0%
Target	8.0%	10.0%	11.0%	12.0%	15.0%
Meets Target?	Yes	Yes	Yes	Yes	Yes
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	Yes	Yes
Franklin will achieve platinum status within the TVA sustainable Communities Program.					
Franklin status	Platinum	Gold	Gold	TBD	TBD
Target (Platinum)	Platinum	Platinum	Platinum	Platinum	Platinum
Meets Target?	Yes	No	No	TBD	TBD

*2016 and 2017 are estimates



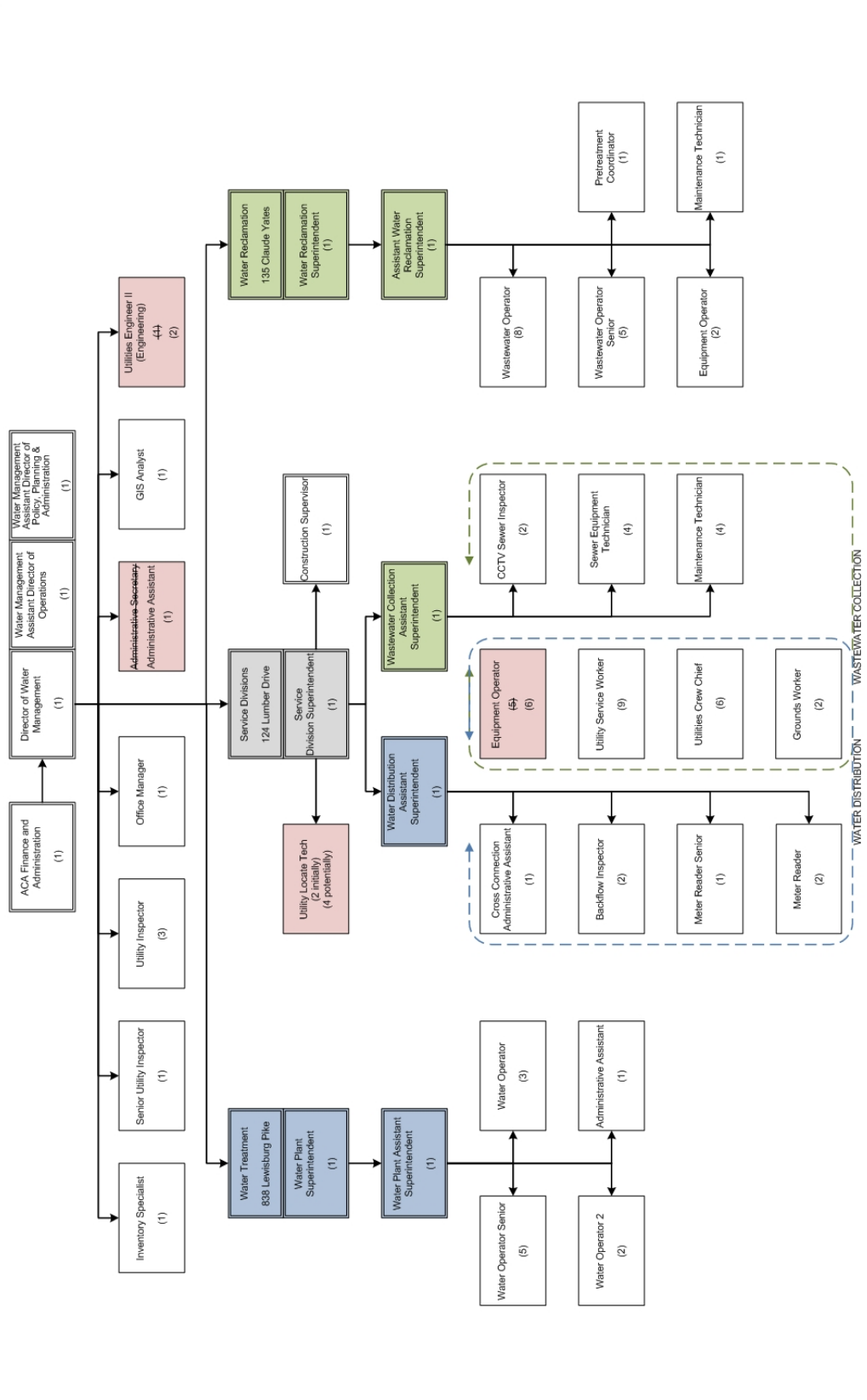
City of Franklin, Tennessee

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Organizational Chart

City of Franklin Water Management

FY 2016 – FY 2017 Biennial Budget



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



City of Franklin, Tennessee

FY 2016-2017 Biennial Operating Budget

Staffing by Position

Position	Pay Grade	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
		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	2	2
Utility Service Worker	C	4	4	4	4	4
TOTALS		15	15	15	15	15

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	2	0
Administrative Assistant	D	1	1	1	1	1
Water Operator	D	3	3	3	3	5
TOTALS		13	13	13	13	13

Water Section Totals

31 31 31 31 31

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	1	0	0	1
Administrative Secretary	B	0	0	1	1	0
Utility Inspector	F	3	3	3	3	3
Senior Utility Inspector	G	0	0	1	1	1
Office Manager	F	0	1	1	1	1
Utilities Engineer II	H	1	1	1	1	1
Grounds Worker	B	0	2	2	2	2
TOTALS		9	12	13	13	13

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	0	4	4	4
Utilities Crew Chief	E	4	3	3	3	3
Equipment Operator	D	2	2	2	3	3



City of Franklin, Tennessee

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Staffing by Position

Position	Pay Grade	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
		F-T	F-T	F-T	F-T	F-T
Sewer Equipment Technician	D	4	4	4	4	4
Utility Service Worker	C	5	5	5	5	5
TOTALS		19	18	22	23	23

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	3	5	5	5	5
Maintenance Technician	E	0	0	1	1	1
Equipment Operator	D	2	2	2	2	2
Wastewater Operator	D	10	8	8	8	8
TOTALS		18	18	19	19	19

WASTEWATER SECTION TOTALS

46 48 54 55 55

Total All Employees, Water & Wastewater

77 79 85 86 86



City of Franklin, Tennessee

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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	
	2014	2015	2016	2016	2017	\$	%
Personnel							
Salaries & Wages	3,252,872	3,528,409	3,891,978	3,449,826	4,079,738	187,760	4.8%
Employee Benefits	1,512,943	1,416,348	1,593,638	1,409,443	1,728,105	134,467	8.4%
Total Personnel	4,765,815	4,944,757	5,485,616	4,859,270	5,807,843	322,227	5.9%
Operations							
Transportation Services	5,755	6,936	5,365	10,265	6,800	1,435	26.7%
Operating Services	416,462	362,544	405,411	418,204	442,173	36,762	9.1%
Notices, Subscriptions, etc.	17,987	21,381	26,456	19,066	26,450	(6)	0.0%
Utilities	1,543,096	1,293,381	1,689,572	1,607,373	1,728,545	38,973	2.3%
Contractual Services	231,778	510,985	529,500	802,411	521,875	(7,625)	-1.4%
Repair & Maintenance Services	460,808	304,486	346,732	353,629	346,000	(732)	-0.2%
Employee programs	1,223	2,563	12,150	6,270	12,150	-	0.0%
Professional Development/Travel	31,203	24,582	28,400	18,007	28,400	-	0.0%
Office Supplies	11,696	12,460	11,650	11,944	11,650	-	0.0%
Operating Supplies	749,945	676,431	699,050	739,861	716,351	17,301	2.5%
Fuel & Mileage	158,461	112,527	147,589	94,100	108,050	(39,539)	-26.8%
Supplies for Resale	3,466,520	2,989,286	3,744,000	3,780,000	3,893,760	149,760	4.0%
Machinery & Equipment (<\$25,000)	80,467	116,271	174,891	121,154	182,565	7,674	4.4%
Repair & Maintenance Supplies	757,210	611,599	410,800	617,531	410,800	-	0.0%
Operational Units	2,000,000	2,187,240	2,205,728	2,205,728	2,316,014	110,286	5.0%
Property & Liability Costs	222,967	234,307	201,364	221,512	232,655	31,291	15.5%
Rentals	4,652	2,215	5,500	10,944	5,500	-	0.0%
Financial Fees	25,266	21,387	86,800	34,947	61,800	(25,000)	-28.8%
Permits	48,662	53,933	55,100	54,923	55,100	-	0.0%
Debt Service and Lease Payments	1,613,033	1,790,329	1,759,624	1,759,624	1,744,599	(15,025)	-0.9%
Total Operations	11,847,191	11,334,843	12,545,682	12,887,493	12,851,238	305,556	2.4%
Buildings	(33,269)	89	3,859	-	4,051	192	5.0%
Improvements	2,968,778	4,524,037	3,987,500	4,100,000	4,200,000	212,500	5.3%
Machinery & Equipment (>\$25,000)	363,395	118,830	1,179,748	555,028	1,196,984	17,236	1.5%
Capital	3,298,904	4,642,956	5,171,107	4,655,028	5,401,035	229,928	4.4%
Total Water & Wastewater Fund	19,911,910	20,922,557	23,202,405	22,401,791	24,060,116	857,711	3.7%

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



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 and final completion scheduled for October 24, 2017 and November 23, 2017, respectively.

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.

Coupled with the upgrade project is the reapplication for an aquatic resources alteration permit (ARAP). City staff has been working through this process for over two years and on July 2, 2015 received a new permit. The main permit conditions are similar to the previous permit which includes provisions for withdrawal of up to 20% of flow with a 10 ft³/s cutoff. Additional protective measures in the new permit includes a withdrawal cutoff when the river is below 5 mg/L of dissolved oxygen (DO) as suggested by the City during permit development collaboration with TDEC.



City of Franklin, Tennessee

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Water Budget

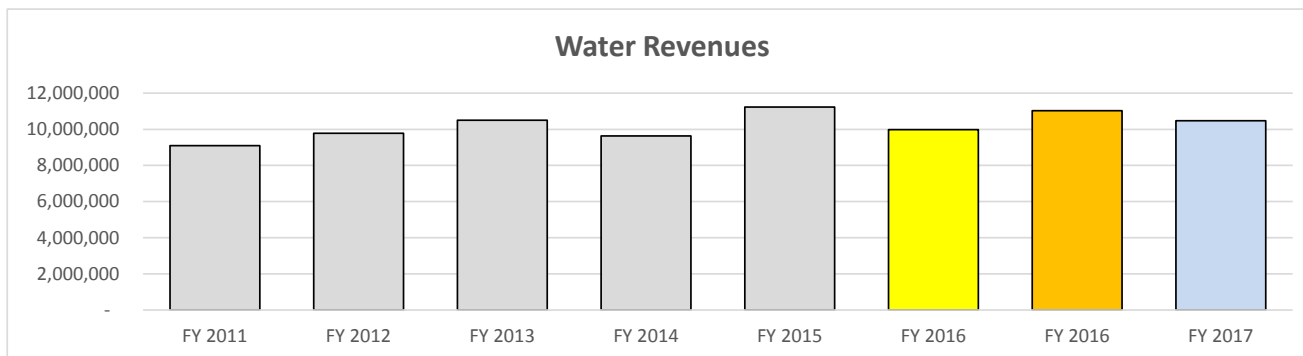
Consumption

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, with FY 2015 the second lowest total since FY 2007. The table below presents the account information and consumption values (residential and commercial totals) from FY 2007 through FY 2015.

Year	Customer Accounts	Annual Total (Million Gallons)	Monthly Average - Residential and Commercial (Gallons)
FY 07	16,194	1,662	8,553
FY 08	16,360	1,628	8,293
FY 09	16,444	1,576	7,987
FY 10	16,426	1,443	7,321
FY 11	16,454	1,489	7,541
FY 12	16,530	1,508	7,602
FY 13	16,711	1,499	7,475
FY 14	16,918	1,404	6,916
FY 15	17,094	1,436	7,002

Revenues

Rate based revenues for FY 2016-2017 are projected to be at approximately 110% of the budget. The tables below present historic revenue by category FY 2011-FY 2015, estimated for the budgeted and projected revenues for FY 2016 and the projected revenues for FY 2017.



	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Actual	FY 2016 Budget	FY 2016 Estd	FY 2017 Budget
Intergovernmental	179,082	-	(484)	-	-	-	-	-
Interest Income	16,089	18,726	16,193	7,002	4,924	5,000	8,601	7,500
Rental Income	26,100	23,273	21,800	24,000	23,412	24,000	24,000	24,000
Sale of Surplus Assets	11,775	(26,066)	1,660	33,277	-	-	-	-
Customer Service (Rates)	8,691,274	9,252,143	9,182,126	9,293,143	9,987,026	9,721,988	10,706,513	10,213,128
Inspection Fees	38,738	60,877	73,444	72,422	83,765	60,000	55,964	60,000
Other Service Revenue	61,640	68,766	105,329	109,136	90,459	95,000	115,378	95,000
Capital Contributions	71,660	383,203	1,102,508	94,021	1,041,862	75,000	119,350	75,000
Total Water Revenues	9,096,358	9,780,922	10,502,576	9,633,001	11,231,448	9,980,988	11,029,806	10,474,628



City of Franklin, Tennessee

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Water Budget

Budget Summary

Personnel – The Water Management Department is requesting that one Equipment Operator be hired within the Water Section in FY 2017. This request is in lieu of hiring a full utility crew in FY 2017 and an equipment operator in FY 2018, as discussed in the FY 2016 budget summaries.

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. The expenditure for FY 2017 is approximately \$3,780,000.

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 \$222,000 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. 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. The department hopes to achieve the following goals by using this approach:

- Provide for adequate funding of operations capital,
- Avoid significant swings in required funding from one budget to another, and
- Provide more stable data in performing cost of service analyses.

This process was applied to operations capital expenditures on machinery and equipment, vehicles, information technology expenditures, and buildings.

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 in the area of James Street and Avondale Street.



City of Franklin, Tennessee

FY 2016-2017 Biennial 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 '16 v. '17	
	2014	2015	2016	2016	2017	\$	%
Divisions							
Water Distribution	1,807,883	1,647,635	1,739,187	1,567,563	1,763,639	24,452	1.4%
Water Treatment/Plant	5,164,279	4,424,588	5,266,371	5,264,687	5,430,351	163,980	3.1%
Utility Billing	161,988	155,419	167,173	156,589	167,207	34	0.0%
Water General	1,729,762	2,698,878	2,937,030	2,939,377	2,961,571	24,541	0.8%
Total Water	8,863,912	8,926,520	10,109,761	9,928,216	10,322,769	213,008	2.1%
Expense by Category							
Personnel							
Salaries & Wages	1,296,318	1,306,598	1,371,479	1,268,507	1,437,145	65,666	4.8%
Employee Benefits	571,838	506,573	607,859	525,430	625,443	17,584	2.9%
Total Personnel	1,868,156	1,813,171	1,979,338	1,793,937	2,062,588	83,251	4.2%
Operations							
Transportation Services	2,806	3,961	1,600	3,400	3,050	1,450	90.6%
Operating Services	24,648	16,701	21,651	27,459	26,800	5,149	23.8%
Notices, Subscriptions, etc.	8,150	13,996	9,750	4,092	9,750	-	0.0%
Utilities	225,727	200,451	235,528	224,850	231,753	(3,775)	-1.6%
Contractual Services	104,116	43,736	214,000	65,375	144,125	(69,875)	-32.7%
Repair & Maintenance Services	158,834	119,105	96,000	106,392	96,000	-	0.0%
Employee programs	472	1,005	7,400	2,100	7,400	-	0.0%
Professional Development/Travel	17,601	7,079	8,900	6,845	8,900	-	0.0%
Office Supplies	5,351	3,187	4,500	4,796	4,500	-	0.0%
Operating Supplies	393,906	321,726	314,000	346,420	322,348	8,348	2.7%
Fuel & Mileage	40,037	38,011	34,606	25,100	27,400	(7,206)	-20.8%
Supplies for Resale	3,466,520	2,989,286	3,744,000	3,780,000	3,893,760	149,760	4.0%
Machinery & Equipment (<\$25,000)	66,214	55,489	63,451	57,397	65,684	2,233	3.5%
Repair & Maintenance Supplies	503,830	440,219	244,300	325,016	244,300	-	0.0%
Operational Units	1,058,823	1,157,951	1,167,738	1,167,738	1,226,125	58,387	5.0%
Property & Liability Costs	76,833	84,464	75,330	74,327	80,845	5,515	7.3%
Rentals	641	357	2,000	7,428	2,000	-	0.0%
Financial Fees	12,164	9,911	41,800	14,910	16,800	(25,000)	-59.8%
Permits	33,222	6,639	38,100	32,654	38,100	-	0.0%
Debt Service and Lease Payments	209,933	307,936	309,851	309,851	309,828	(23)	0.0%
Total Operations	6,409,828	5,821,210	6,634,505	6,586,150	6,759,467	124,962	1.9%
Buildings	(33,269)	89	2,205	-	2,315	110	5.0%
Improvements	575,002	1,261,482	1,300,000	1,500,000	1,300,000	-	0.0%
Machinery & Equipment (>\$25,000)	44,195	30,567	193,713	48,129	198,398	4,685	2.4%
Capital	585,928	1,292,138	1,495,918	1,548,129	1,500,713	4,795	0.3%
Total Water Summary	8,863,912	8,926,520	10,109,761	9,928,216	10,322,769	213,008	2.1%

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

85991 MISCELLANEOUS-DONATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL OTHER BUSINESS EXPENSES																											
86600 LEASE/LOAN PRINCIPAL	60,775	62,510	64,297	64,297	37,506	64,297	66,133	68,023	71,965	69,966	71,965	74,020	74,020	76,134													
86700 LEASE/LOAN INTEREST	37,439	35,704	33,917	33,917	19,786	33,917	32,081	30,191	26,249	28,248	26,249	24,194	24,194	22,300													
TOTAL DEBT SERVICE	98,214	98,214	98,214	98,214	57,292	98,214	98,214	98,214	98,214	98,214	98,214	98,214	98,214	98,434													
Total Operations	965,578	783,396	707,213	707,213	409,897	707,412	699,942	708,912	718,366	718,366	727,200	736,414	736,414	746,243													
Capital																											
Increase (%) Year over Year 35.1%																											
Turnback (240,573)																											
Turnback as a % of budget -24.9%																											

89120 EASEMENTS ACQUIRED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL LAND																												
89220 BUILDING DESIGN & CONSTRUCTION	(33,269)	-	2,205	2,205	-	2,431	2,315	2,431	2,553	2,553	2,680	2,814	2,814	2,955														
TOTAL BUILDINGS	(33,269)		2,205	2,205		2,431	2,315	2,431	2,553	2,553	2,680	2,814	2,814	2,955														
89510 FURNITURE, FIXTURE (>\$25,000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
89520 VEHICLES (>\$25,000)	30,567	30,567	44,100	44,100	30,567	48,129	46,305	48,620	51,051	53,604	56,284	59,098	59,098	66,485														
89530 MACHINERY & EQUIPMENT (>\$25,000)	-	-	49,613	49,613	-	-	52,093	54,698	57,433	60,304	63,319	66,485	66,485															
89550 COMPUTER SOFTWARE (>\$25,000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
TOTAL MACHINERY & EQUIPMENT (>\$25,000)	-	30,567	93,713	93,713	30,567	48,129	98,398	103,318	108,484	113,908	119,603	125,584	125,584															
Increase (%) Year over Year 85.000																												
Turnback 0.0%																												
Turnback as a % of budget 0.0%																												
Total Capital	(33,269)	30,567	95,918	95,918	30,567	48,129	100,713	105,749	111,037	116,588	122,417	128,538	128,538															

TOTAL EXPENDITURES	1,807,883	1,647,635	1,739,187	1,739,187	996,452	1,567,563	1,763,639	1,825,125	1,880,909	1,942,579	2,004,767	2,071,240	2,071,240															
Increase (%) Year over Year 22.0%																												
Turnback (105,353)																												
Turnback as a % of budget -5.8%																												

82430	STORMWATER SERVICE	758	632	750	379	750	750	750	750	750	750	750	750	750	750	750	750	750
82435	SOLID WASTE SERVICE	1,020	850	1,051	510	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
82440	NATURAL GAS SERVICE	1,576	2,163	1,133	914	1,133	1,236	1,273	1,311	1,351	1,391	1,433	1,475	1,517	1,559	1,601	1,643	1,685
82450	TELEPHONE SERVICE	1,780	1,723	1,751	1,112	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200
82451	800 MHZ ACCESS LINE SERVICE																	
82455	CELLULAR TELEPHONE SERVICE	1,249	793	1,313	491	1,313	1,050	1,100	1,150	1,200	1,250	1,300	1,350	1,400	1,450	1,500	1,550	1,600
82470	INTERNET & RELATED SERVICES	1,242	1,042	1,391	627	1,391	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
	TOTAL UTILITIES	117,467	107,058	122,749	65,524	122,275	126,257	129,908	133,668	137,540	141,525	145,510	149,495	153,480	157,465	161,450	165,435	169,420
82510	COMPUTER SERVICES																	
82520	LEGAL SERVICES																	
82540	ENGINEERING SERVICES		2,800															
82560	CONSULTANT SERVICES																	
82599	OTHER CONTRACTUAL SERVICES	788																
	TOTAL CONTRACTUAL SERVICES	788	2,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82610	VEHICLE REPAIR & MAINTENANCE SERVICES	1,445	931	2,500	590	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
82620	EQUIPMENT REPAIR & MAINTENANCE SERVICES	76,866	39,214	35,000	75,492	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000
82640	PAVING & REPAIR SERVICES																	
82653	IRRIGATION SERVICES																	
82654	GROUNDS MAINTENANCE SERVICES		1,680															
82655	TREE SERVICES																	
82660	BUILDING REPAIR & MAINTENANCE SERVICES	5,408	50,950	1,500	2,915	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
82699	OTHER REPAIR & MAINTENANCE SERVICES	5,665	75															
	TOTAL REPAIR & MAINTENANCE SERVICES	89,384	92,850	39,000	78,997	84,600	39,000	39,000	39,000	39,000	39,000	39,000	39,000	39,000	39,000	39,000	39,000	39,000
82740	EMPLOYEE WELLNESS PROGRAM																	
82750	EMPLOYEE RECOGNITION/RECEPTIONS																	
82760	SAFETY PROGRAMS																	
82780	TRAINING, OUTSIDE																	
82790	TRAINING, IN-HOUSE																	
	TOTAL EMPLOYEE PROGRAMS	-	-	2,100	-	1,100	2,100	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200
82810	REGISTRATIONS	8,735	4,190	1,200		600	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
82820	GROUND TRANSPORTATION (OUTSIDE WILLIAMSON COUNTY)	118		100		100	100	100	100	100	100	100	100	100	100	100	100	100
82830	AIR TRAVEL	1,205		300		300	300	300	300	300	300	300	300	300	300	300	300	300
82840	LODGING	2,221		450	416	450	450	450	450	450	450	450	450	450	450	450	450	450
82850	MEALS (OUTSIDE WILLIAMSON COUNTY)	1,524	1,079	200	14	200	200	200	200	200	200	200	200	200	200	200	200	200
82890	OTHER TRAVEL EXPENSES																	
	TOTAL PROFESSIONAL DEVELOPMENT/TRAVEL	13,803	5,269	2,250	430	1,216	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250
83110	OFFICE SUPPLIES	2,612	777	1,700	1,078	1,500	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
83120	OFFICE DÉCOR ITEMS (OTHER THAN FURNITURE)			100			100	100	100	100	100	100	100	100	100	100	100	100
83130	EMPLOYEE BENEVOLENCE ITEMS	100		100			100	100	100	100	100	100	100	100	100	100	100	100
83140	MEALS & FOOD (INSIDE WILLIAMSON COUNTY)	204	308	400	175	400	400	400	400	400	400	400	400	400	400	400	400	400
	TOTAL OFFICE SUPPLIES	2,916	1,085	2,300	1,253	1,900	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300
83210	TRAINING SUPPLIES																	
83220	CHEMICALS & LAB SUPPLIES	335,623	282,175	283,250	237,014	320,000	291,748	300,500	309,515	318,800	328,364	338,215	347,715	357,215	366,715	376,215	385,715	395,215
83240	MEDICAL SUPPLIES	717		350	51	500	500	500	500	500	500	500	500	500	500	500	500	500
83250	SAFETY SUPPLIES	2,928	2,613	3,000	897	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
83260	UNIFORMS PURCHASED	4,238	2,100	4,000	177	1,500	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
83270	CONSUMABLE TOOLS		199	1,000	52	200	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
83290	SOLID WASTE CONTAINERS																	
83299	OTHER OPERATING SUPPLIES	24,660	12,946	1,500	778	1,400	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
	TOTAL OPERATING SUPPLIES	368,166	300,033	293,100	238,969	325,800	301,248	310,000	319,015	328,300	337,864	347,715	357,215	366,715	376,215	385,715	395,215	404,715
83310	GASOLINE & DIESEL FOR FLEET (INSIDE WILLIAMSON COUNTY)	7,158	11,377	5,356	1,850	3,600	3,750	5,500	5,775	6,064	6,367	6,685	7,003	7,321	7,639	7,957	8,275	8,593
83320	MILEAGE (INSIDE WILLIAMSON COUNTY)																	
	TOTAL FUEL & MILEAGE	7,158	11,377	5,356	1,850	3,600	3,750	5,500	5,775	6,064	6,367	6,685	7,003	7,321	7,639	7,957	8,275	8,593
83410	WATER PURCHASED	3,466,520	2,989,286	3,744,000	1,647,723	3,780,000	3,893,760	4,049,510	4,211,491	4,379,950	4,555,148	4,737,354	4,919,560	5,101,766	5,283,972	5,466,178	5,648,384	5,830,590

TOTAL DEBT SERVICE											
Total Operations											
Increase (%) Year over Year	4,156,885	3,595,881	4,305,940	2,133,291	4,436,874	4,481,381	4,653,309	4,830,573	5,014,820	5,206,332	5,405,395
Turnback	(125,351)										
Turnback as a % of budget	-3.0%										
Capital											
89220 BUILDING DESIGN & CONSTRUCTION		89									
89230 BUILDING IMPROVEMENTS		89									
TOTAL BUILDINGS											
89320 DISTRIBUTION SYSTEMS	119,700										
TOTAL IMPROVEMENTS	119,700										
89510 FURNITURE, FIXTURE (>\$25,000)			100,000				100,000		100,000		100,000
89520 VEHICLES (>\$25,000)			100,000								100,000
89530 MACHINERY & EQUIPMENT (>\$25,000)	44,195										
89550 COMPUTER SOFTWARE (>\$25,000)											
TOTAL MACHINERY & EQUIPMENT (>\$25,000)	44,195		100,000			100,000	100,000	100,000	100,000	100,000	100,000
Increase (%) Year over Year	0.0%										
Turnback	55,805										
Turnback as a % of budget	0.0%										
Total Capital	163,895	89	100,000	-	-	100,000	100,000	100,000	100,000	100,000	100,000
TOTAL EXPENDITURES											
Increase (%) Year over Year	5,164,279	4,424,588	5,266,371	2,663,255	5,264,687	5,430,351	5,634,455	5,846,397	6,067,741	6,298,985	6,540,657
Turnback	(205,398)										
Turnback as a % of budget	-4.0%										

85240 EQUIPMENT RENTAL & LEASES																				
TOTAL RENTALS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85310 PERMITS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85320 STATE FEES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85340 RECORDING & FILING FEES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PERMITS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85540 BILLING SERVICES	(29)	78	1,750	50	(132)	-	1,750	50	1,750	50	1,750	50	1,750	50	1,750	50	1,750	50	1,750	50
85550 CASH SHORT/OVER																				
85580 LATE CHARGES																				
TOTAL FINANCIAL FEES	(29)	78	1,800	(132)	(132)	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800
85990 MISCELLANEOUS																				
85991 MISCELLANEOUS-DONATIONS																				
TOTAL OTHER BUSINESS EXPENSES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
86600 LEASE/LOAN PRINCIPAL																				
86700 LEASE/LOAN INTEREST																				
TOTAL DEBT SERVICE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operations	19,962	17,808	22,873	8,056	15,438	20,631	21,269	21,963	22,720	23,544	24,442									
Increase (%) Year over Year	-14.5%																			
Turnback	(2,947)																			
Turnback as a % of budget	-14.8%																			

Capital																				
89220 BUILDING DESIGN & CONSTRUCTION																				
89230 BUILDING IMPROVEMENTS																				
TOTAL BUILDINGS																				
89510 FURNITURE, FIXTURE (>\$25,000)																				
89520 VEHICLES (>\$25,000)																				
89530 MACHINERY & EQUIPMENT (>\$25,000)																				
89550 COMPUTER SOFTWARE (>\$25,000)																				
TOTAL MACHINERY & EQUIPMENT (>\$25,000)																				
Increase (%) Year over Year	#DIV/0!																			
Turnback	-																			
Turnback as a % of budget	0.0%																			

Total Capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	161,988	155,419	167,173	93,353	156,589	167,207	175,609	182,823	190,572	198,904	207,876									

Increase (%) Year over Year	25.7%																			
Turnback	3,961																			
Turnback as a % of budget	2.4%																			

Water General - FY 2009-Present

Acct. #	Acct. Description	A2014	A2015	B2016	YTD2016	EST2016	E2017	E2018	E2019	E2020	E2021	E2022
Personnel												
81110	REGULAR PAY		7,833	37,951			95,000	95,000	95,000	95,000	95,000	95,000
81150	TEMPORARY WORK BY NON-CITY EMPLOYEES		7,833	37,951	-	-	95,000	95,000	95,000	95,000	95,000	95,000
	TOTAL WAGES											
81420	MEDICAL PREMIUMS	16,256	13,736	7,000	9,849	16,884	19,101	19,674	20,264	20,872	21,498	22,143
81440	EMPLOYEE INSURANCE CONTRIBUTIONS	(9,658)	(8,298)	(6,400)	(2,294)	(3,933)	(10,503)	(10,818)	(11,143)	(11,477)	(11,822)	(12,177)
81475	WORKERS COMPENSATION CLAIMS	459				459	459	473	487	502	517	533
	TOTAL BENEFITS	7,057	5,438	600	7,555	12,951	9,057	9,329	9,608	9,897	10,193	10,499
	Total Personnel	7,057	13,271	38,551	7,555	12,951	104,057	104,329	104,608	104,897	105,193	105,499
Operations												
82120	FREIGHT FOR INBOUND PURCHASED ITEMS		297									
	TOTAL TRANSPORTATION CHARGES		297									
82210	PRINTING & COPYING SERVICES, OUTSOURCED	93				1,884						
82250	TESTING & PHYSICALS	345			1,884	1,884						
	TOTAL OPERATING SERVICES	438			1,884	1,884						
82310	LEGAL NOTICES	418	1,605		3,142	3,142						
82390	PUBLICATIONS, NON-TRAINING	77										
	TOTAL NOTICES, SUBSCRIPTIONS, PUBLICITY	495	1,605		3,142	3,142						
82410	ELECTRIC SERVICE	2,679		3,605								
82420	WATER & SEWER SERVICE	71		100								
82430	STORMWATER SERVICE	1,565	915	2,060	490	1,000	1,000	1,000	1,000	1,000	1,000	1,000
82435	SOLID WASTE SERVICE	157		206	20	50	50	50	50	50	50	50
82440	NATURAL GAS SERVICE				362	800	800	800	800	800	800	800
82455	TELEPHONE SERVICE	852	593	1,133								
82455	CELLULAR TELEPHONE SERVICE		619		335	800	800	800	800	800	800	800
82470	INTERNET & RELATED SERVICES											
	TOTAL UTILITIES	5,976	2,127	7,104	1,207	2,650	2,650	2,650	2,650	2,650	2,650	2,650
82520	LEGAL SERVICES	59,840	11,926	10,000	7,377	12,500	10,000	10,000	10,000	10,000	10,000	10,000
82530	AUDIT SERVICES	12,125	12,250	12,000	11,875	11,875	12,125	12,125	12,125	12,125	12,125	12,125
82540	ENGINEERING SERVICES		5,890				55,000	10,000	40,000	10,000	30,000	40,000
82560	CONSULTANT SERVICES			115,000			25,000	90,000	55,000	60,000	70,000	65,000
82599	OTHER CONTRACTUAL SERVICES											
	TOTAL CONTRACTUAL SERVICES	71,965	30,066	172,000	19,252	24,375	102,125	122,125	117,125	92,125	122,125	127,125
82610	VEHICLE REPAIR & MAINTENANCE SERVICES											
82640	PAVING & REPAIR SERVICES	20										
82684	PUMP STATION REPAIR SERVICES	78										
82699	OTHER REPAIR & MAINTENANCE SERVICES	217	8,598									
	TOTAL REPAIR & MAINTENANCE SERVICES	5,115	8,598									
82820	GROUND TRANSPORTATION (OUTSIDE WILLIAMSON COUNTY)	225	67									
	TOTAL PROFESSIONAL DEVELOPMENT/TRAVEL	225	67									

TOTAL MACHINERY & EQUIPMENT (>\$25,000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Capital	455,302	1,261,482	1,300,000	397,923	1,500,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,575,000
Total Expenditures	1,729,762	2,698,878	2,937,030	1,725,354	2,939,377	2,961,571	3,043,075	3,302,600	3,345,650	3,447,025	3,602,337										



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 in negotiations with TDEC with respect to the expired NPDES permit, and looks forward to issuance of a new permit from TDEC.



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. In part, these activities include refinements to documentation and operations, development of a capacity management tool, and installation of permanent flow monitors within the collection system. These activities are intended to help monitor the system, reduce sanitary sewer overflows and provide better management tools for the system.

The wastewater collection division continues to perform inspections of the sanitary sewer system to evaluate condition, risk and maintenance needs. This year the division worked with the IT Department to further refine the manhole inspection tool and process to help manage the data from ongoing manhole inspections. Additionally, the division has started using a sanitary sewer rapid assessment tool to provide for more efficient inspections and maintenance activities.



City of Franklin, Tennessee

FY 2016-2017 Biennial Operating Budget

Wastewater Budget

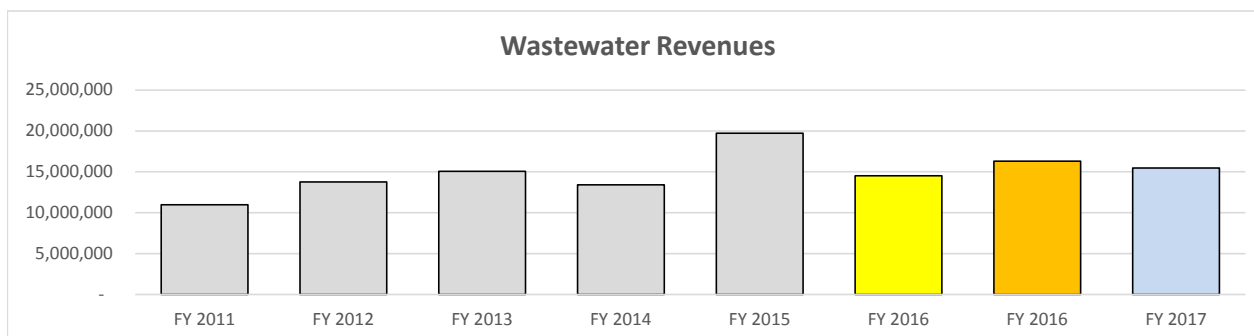
Consumption & Revenues

The sanitary sewer customer base has shown greater signs of growth primarily due to areas within the Mallory Valley and HB&TS Utility Districts.

Year	Customer Accounts	Annual Total (Million Gallons)	Monthly Average - Residential and Commercial (Gallons)
FY 07	16,708	1,582	7,889
FY 08	16,215	1,619	8,323
FY 09	18,617	1,900	8,504
FY 10	19,923	2,068	8,649
FY 11	20,201	2,334	9,627
FY 12	20,646	2,204	8,898
FY 13	21,221	2,332	9,157
FY 14	21,735	2,224	8,528
FY 15	22,601	2,147	7,917

Revenues

Rate based revenues for FY 2016 are projected to be at approximately 105% of the budget. The tables below present historic revenue by category FY 2010-FY 2015, estimated for the budgeted and projected revenues for FY 2016 and the projected revenues for FY 2017.



	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Actual	FY 2016 Budget	FY 2016 Forecast	FY 2017 Budget
Intergovernmental	258,890	42,219	-	-	-	-	-	-
Interest Income	17,918	46,064	39,658	20,277	69,963	80,000	73,260	70,000
Rental Income	2,480	-	1,800	2,700	2,635	2,800	2,800	2,800
Sale of Surplus Assets	22	(152,425)	6,133	-	13,714	-	646,682	-
Customer Service (Rates)	10,410,071	11,500,187	12,241,583	13,072,915	14,568,762	14,200,515	15,286,176	15,159,049
Inspection Fees	33,228	32,290	75,298	90,563	133,940	75,000	55,784	75,000
Other Service Revenue	23,992	31,745	60,610	44,146	21,646	40,000	55,766	40,000
Capital Contributions	230,628	2,267,716	2,641,148	184,209	4,918,077	125,000	188,336	125,000
Total Wastewater Revenue	10,977,229	13,767,796	15,066,230	13,414,810	19,728,737	14,523,315	16,308,804	15,471,849



Wastewater Budget

Budget Summary

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

- **Water Distribution and Wastewater Collection:** Add four Utility Locator positions (two in each division) to provide for adequate staffing for compliance with Title 65 Public Utilities and Carriers, Chapter 31 Underground Utility Damage Prevention Act (Tenn. Code Ann. § 65-31-101 (2014)) requiring the City to become part of TN One Call by January 1, 2017. It is anticipated that two of the four positions will be hired in September 2016 to initiate the program and to help determine the need to hire additional staff.
- **Utility Administration:** Add one Utilities Engineer (this position would be managed through the Engineering Department and Funded through the Water Management Department) – FY 2017.
- **Utility Administration:** Reclassify Administrative Secretary to Administrative Assistant to better align the job description with the duties being required. These duties include assistance with payroll, purchase card reconciliations, assistance with accounts payable, and managing record keeping for various operations programs.

Operations and Maintenance – Operations and maintenance accounts for the largest costs in the Wastewater Section. Utility costs are a large expense item in Wastewater, exceeding \$1,000,000 annually. These costs are 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 five overflows this fiscal year through the end of March 2016. Of these overflows, three reached a receiving stream (less than 1 overflow per 100 miles of collection system thus far in FY 2016). In response to these overflows, the City brought one facility into the pretreatment program to provide for better oversight of their operations with respect to wastewater discharge to the City's system.

Operations Capital – Operations Capital expenditures are related to equipment and vehicles directly related to operations versus system replacement or expansion. 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. The department hopes to achieve the following goals by using this approach:

- Provide for adequate funding of operations capital,
- Avoid significant swings in required funding from one budget to another, and
- Provide more stable data in performing cost of service analyses.

This process was applied to operations capital expenditures on machinery and equipment, vehicles, information technology expenditures, and buildings.

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. This project is also proposed to be funded through State Revolving Fund loans through the TDEC. Due to delays with permitting, bidding for the project has been delayed. Staff is working with TDEC to evaluate the potential value of splitting the project into phases. Should it prove to be a benefit, staff will present the information to the BOMA for consideration.



City of Franklin, Tennessee

FY 2016-2017 Biennial 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 '16 v. '17	
	2014	2015	2016	FY 2024	2017	\$	%
Divisions							
Wastewater Collection	2,236,032	1,852,057	2,184,709	2,068,244	2,316,561	131,852	6.0%
Wastewater Plant	3,235,158	3,003,978	4,191,526	3,532,086	4,294,679	103,153	2.5%
Utility Administration	662,152	916,161	1,007,929	946,843	1,013,845	5,916	0.6%
Wastewater General	4,771,530	6,059,394	5,505,650	5,723,570	5,858,188	352,538	6.4%
Total Water	10,904,872	11,831,590	12,889,814	12,270,743	13,483,272	593,459	4.6%
Expense by Category							
Personnel							
Salaries & Wages	1,956,554	2,221,811	2,520,500	2,181,319	2,642,593	122,093	4.8%
Employee Benefits	941,105	909,775	985,779	884,013	1,102,662	116,883	11.9%
Total Personnel	2,897,659	3,131,586	3,506,279	3,065,332	3,745,255	238,976	6.8%
Operations							
Transportation Services	2,949	2,975	3,500	6,600	3,500	-	0.0%
Operating Services	391,814	345,843	383,760	390,745	415,373	31,613	8.2%
Notices, Subscriptions, etc.	9,837	7,385	16,600	14,868	16,600	-	0.0%
Utilities	1,317,357	1,092,921	1,453,991	1,382,470	1,496,743	42,752	2.9%
Contractual Services*	127,662	467,249	315,500	737,036	327,750	12,250	3.9%
Repair & Maintenance Services	301,974	185,381	238,000	234,505	238,000	-	0.0%
Employee programs	751	1,558	4,750	4,170	4,750	-	0.0%
Professional Development/Travel	13,602	17,503	19,500	11,162	19,500	-	0.0%
Office Supplies	6,345	7,389	7,150	7,148	7,150	-	0.0%
Operating Supplies	278,656	267,949	278,850	287,241	285,803	6,953	2.5%
Fuel & Mileage	118,424	74,516	112,983	69,000	80,650	(32,333)	-28.6%
Supplies for Resale	-	-	-	-	-	-	#DIV/0!
Machinery & Equipment (<\$25,000)	14,253	60,782	109,440	61,757	114,881	5,441	5.0%
Repair & Maintenance Supplies	248,737	156,670	151,000	277,015	151,000	-	0.0%
Operational Units	941,177	1,029,289	1,037,990	1,037,990	1,089,890	51,900	5.0%
Property & Liability Costs	146,134	149,843	126,034	147,185	151,811	25,777	20.5%
Rentals	4,011	1,858	3,500	3,516	3,500	-	0.0%
Financial Fees	13,102	11,476	45,000	20,037	45,000	-	0.0%
Permits	15,440	47,294	17,000	22,269	17,000	-	0.0%
Debt Service and Lease Payments	1,342,012	1,421,305	1,383,798	1,383,798	1,368,796	(15,002)	-1.1%
Total Operations	5,294,237	5,349,186	5,708,346	6,098,512	5,837,696	129,350	2.3%
Buildings	-	-	1,654	-	1,736	82	5.0%
Improvements	2,393,776	3,262,555	2,687,500	2,600,000	2,900,000	212,500	7.9%
Machinery & Equipment (>\$25,000)	319,200	88,263	986,035	506,899	998,586	12,551	1.3%
Capital	2,712,976	3,350,818	3,675,189	3,106,899	3,900,322	225,133	6.1%
Total Wastewater	10,904,872	11,831,590	12,889,814	12,270,743	13,483,272	593,459	4.6%

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

Note 2: *Estimated Overage in FY 2015 Contractual Services attributable to legal expenses.

Wastewater Collection Detail - FY 2009-Present

Acct. #	Acct. Description	A2014	A2015	B2016	YTD2016	EST2016	E2017	E2018	E2019	E2020	E2021	E2022
Personnel												
81110	REGULAR PAY	823,164	865,874	913,544	496,970	807,576.25	928,846	947,423	966,371	985,699	1,005,413	1,025,521
81120	OVERTIME PAY	31,307	34,570	30,000	26,508	35,424	30,000	30,000	30,000	30,000	30,000	30,000
81150	TEMPORARY WORK BY NON-CITY EMPLOYEES											
81199	VACANCY ADJUSTMENT											
	TOTAL WAGES	854,471	900,444	943,544	523,478	843,000	958,846	977,423	996,371	1,015,699	1,035,413	1,055,521
81410	FICA (EMPLOYER'S SHARE)	61,427	65,193	69,886	37,858	61,519.25	71,057	72,478	73,927	75,406	76,914	78,452
81420	MEDICAL PREMIUMS	232,319	241,708	248,949	117,875	191,546.88	299,285	344,178	378,596	416,455	458,101	503,911
81430	GROUP INSURANCE PREMIUMS	17,385	17,420	18,345	8,884	14,436.50	18,804	19,744	20,731	21,768	22,856	23,999
81440	EMPLOYEE INSURANCE CONTRIBUTIONS	(52,539)	(60,557)	(52,053)	(38,641)	(62,791.63)	(62,744)	(72,156)	(79,371)	(87,308)	(96,039)	(105,643)
81450	RETIREMENT CONTRIBUTIONS	141,937	66,967	75,000	88,960	102,420	117,783	135,450	148,995	163,895	180,285	198,313
81455	DEFERRED COMP MATCH	4,730	6,980	6,000	4,880	7,930.00	9,120	10,031	11,035	12,138	13,352	14,687
81460	UNEMPLOYMENT CLAIMS		182									
81470	WORKERS COMPENSATION PREMIUMS	11,598	15,970	16,591	32,048	32,048	33,650	35,333	37,100	38,955	40,902	42,947
81475	WORKERS COMPENSATION CLAIMS	26,816	414		9							
	TOTAL BENEFITS	443,673	354,277	382,718	251,873	347,109	486,955	545,059	591,013	641,308	696,371	756,667
	Total Personnel	1,298,144	1,254,721	1,326,262	775,351	1,190,109	1,445,801	1,522,482	1,587,384	1,657,007	1,731,783	1,812,188

Increase (%) Year over Year: -5.5%
 Turnback: 95,123
 Turnback as a % of budget: 7.3%

Acct. #	Acct. Description	A2014	A2015	B2016	YTD2016	EST2016	E2017	E2018	E2019	E2020	E2021	E2022
Operations												
82110	MAILING & OUTBOUND SHIPPING SERVICES	119	30	400	10	200	400	400	400	400	400	400
82120	FREIGHT FOR INBOUND PURCHASED ITEMS											
82130	VEHICLE LICENSES & TITLES	18	18	200			200	200	200	200	200	200
82140	VEHICLE TOW-IN SERVICES											
	TOTAL TRANSPORTATION CHARGES	137	48	1,000	10	200	1,000	1,000	1,000	1,000	1,000	1,000
82210	PRINTING & COPYING SERVICES, OUTSOURCED	340	224	200			200	200	200	200	200	200
82230	ARCHIVING/RECORDS MANAGEMENT SERVICES											
82240	TRANSCRIPTION FEES											
82250	TESTING & PHYSICALS	1,722	1,265	500	1,153	1,750	500	500	500	500	500	500
82260	UNIFORM RENTAL & SERVICES		113									
82270	LANDFILL & BIOSOLIDS MANAGEMENT SERVICES	1,783	1,952	3,000	1,486	2,600	3,000	3,000	3,000	3,000	3,000	3,000
82299	OTHER OPERATING SERVICES											
	TOTAL OPERATING SERVICES	3,845	3,554	3,700	2,639	4,350	3,700	3,700	3,700	3,700	3,700	3,700
82310	LEGAL NOTICES		143									
82340	LEADERSHIP RETIRETS											
82350	DUES FOR MEMBERSHIPS	756	82	4,000			4,000	4,000	4,000	4,000	4,000	4,000
82355	PROFESSIONAL STANDARDS / ACCREDITATION											
82360	PUBLIC RELATIONS & EDUCATION (CITY SPONSORED)			1,500			1,500	1,500	1,500	1,500	1,500	1,500
82370	PROMOTIONS & SPECIAL EVENTS (NOT CITY SPONSORED)											
82371	EMERGENCY RELIEF											
82372	UNITED WAY CAMPAIGN											
82390	PUBLICATIONS, NON-TRAINING			100			100	100	100	100	100	100
	TOTAL NOTICES, SUBSCRIPTIONS, PUBLICITY	756	225	5,600	-	120,000	5,600	5,600	5,600	5,600	5,600	5,600
82410	ELECTRIC SERVICE	115,858	103,753	123,600	57,539		123,600	127,308	131,127	135,061	139,113	143,286
82415	ELECTRIC SERVICE - STREETLIGHTS											
82420	WATER & SEWER SERVICE	1,984	1,722	1,545	1,024	2,200	2,266	2,334	2,404	2,476	2,550	2,627

85550 CASH SHORT/OVER																			
85580 LATE CHARGES																			
TOTAL FINANCIAL FEES		8		34	36														
85990 MISCELLANEOUS																			
85991 MISCELLANEOUS-DONATIONS																			
TOTAL OTHER BUSINESS EXPENSES																			
86600 LEASE/LOAN PRINCIPAL	36,788	37,790	35,713	22,644	35,713	36,686	37,685	38,712	39,766	40,849	41,961								
86700 LEASE/LOAN INTEREST	24,300	23,298	20,487	12,990	20,487	19,515	18,516	17,489	16,435	15,352	14,340								
TOTAL DEBT SERVICE	61,088	61,088	56,200	35,634	56,200	56,201	56,201	56,201	56,201	56,201	56,302								
Total Operations	638,825	545,007	564,447	401,188	598,135	562,060	590,577	600,415	610,629	621,237	632,355								

Increase (%) Year over Year 23.7%
 Turnback (60,571)
 Turnback as a % of budget -9.5%

Capital																			
89120 EASEMENTS ACQUIRED																			
TOTAL LAND																			
89220 BUILDING DESIGN & CONSTRUCTION																			
89230 BUILDING IMPROVEMENTS																			
TOTAL BUILDINGS																			
89320 DISTRIBUTION SYSTEMS																			
TOTAL IMPROVEMENTS	(20,137)	(20,137)																	
89510 FURNITURE, FIXTURE (>\$25,000)																			
89520 VEHICLES (>\$25,000)	319,200	52,329	199,500	48,129	190,000	209,475	219,949	230,946	242,493	254,618	267,349								
89530 MACHINERY & EQUIPMENT (>\$25,000)			94,500		90,000	99,225	104,186	109,396	114,865	120,608	126,639								
89540 COMPUTER HARDWARE (>\$25,000)																			
89550 COMPUTER SOFTWARE (>\$25,000)																			
TOTAL MACHINERY & EQUIPMENT (>\$25,000)	319,200	52,329	294,000	48,129	280,000	308,700	324,135	340,342	357,358	375,226	393,987								

Increase (%) Year over Year 0.0%
 Turnback 260,800
 Turnback as a % of budget 0.0%

Total Capital	299,063	52,329	294,000	48,129	280,000	308,700	324,135	340,342	357,358	375,226	393,987
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TOTAL EXPENDITURES	2,236,032	1,852,057	2,184,709	1,724,668	2,068,244	2,316,561	2,437,194	2,528,141	2,624,995	2,728,247	2,838,529
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Increase (%) Year over Year 18.3%
 Turnback 315,489
 Turnback as a % of budget 14.1%

Wastewater General Detail - FY 2009-Present

Acct. #	Acct. Description	A2014	A2015	B2016	YTD2016	EST2016	E2017	E2018	E2019	E2020	E2021	E2022
Personnel												
81110	REGULAR PAY			60,069			150,000	150,000	150,000	150,000	150,000	150,000
	TOTAL WAGES	-	-	60,069	-	-	150,000	150,000	150,000	150,000	150,000	150,000
81420	MEDICAL PREMIUMS	34,830	60,235	45,161	37,998	45,161	46,516	47,911	49,348	50,828	52,353	53,924
81440	EMPLOYEE INSURANCE CONTRIBUTIONS	(10,165)	(11,239)	(13,168)	(7,726)	(13,168)	(13,563)	(13,970)	(14,389)	(14,821)	(15,266)	(15,724)
	TOTAL BENEFITS	24,665	48,996	31,993	30,272	31,993	32,953	33,941	34,959	36,007	37,087	38,199
Total Personnel		24,665	48,996	92,062	30,272	31,993	182,953	183,941	184,959	186,007	187,087	188,199

Operations

82110	MAILING & OUTBOUND SHIPPING SERVICES		30									
82120	FREIGHT FOR INBOUND PURCHASED ITEMS		-									
	TOTAL TRANSPORTATION CHARGES	-	30	-	-	-	-	-	-	-	-	-
82210	PRINTING & COPYING SERVICES, OUTSOURCED	39	423		170	170						
	TOTAL OPERATING SERVICES	39	423	-	170	170	-	-	-	-	-	-
82310	LEGAL NOTICES	745	690									
82350	DUES FOR MEMBERSHIPS		30		30	30						
	TOTAL NOTICES, SUBSCRIPTIONS, PUBLICITY	745	720	-	30	30	-	-	-	-	-	-
82470	INTERNET & RELATED SERVICES											
82520	LEGAL SERVICES	43,516	185,046	15,000	337,953	450,000	15,000	15,000	15,000	15,000	15,000	15,000
82530	AUDIT SERVICES	12,125	12,250	12,500	11,875	11,875	12,750	13,000	13,250	13,500	13,750	14,000
82540	ENGINEERING SERVICES	21,620	141,723		11,090	19,011	-	-	-	-	-	-
82560	CONSULTANT SERVICES	3,674	1,720	85,000	6,880	28,594	125,000	125,000	50,000	40,000	70,000	40,000
82599	OTHER CONTRACTUAL SERVICES		76,431	203,000	126,505	190,000	175,000	175,000	245,000	238,000	210,000	240,000
	TOTAL CONTRACTUAL SERVICES	80,935	417,170	315,500	494,303	699,480	327,750	328,000	323,250	306,500	308,750	309,000
82610	VEHICLE REPAIR & MAINTENANCE SERVICES	5										
	TOTAL REPAIR & MAINTENANCE SERVICES	5	-	-	-	-	-	-	-	-	-	-
82890	OTHER TRAVEL EXPENSES		7,671									
	TOTAL PROFESSIONAL DEVELOPMENT/TRAVEL	-	7,671	-	-	-	-	-	-	-	-	-
83110	OFFICE SUPPLIES											
83530	MACHINERY & EQUIPMENT (<\$25,000)											
83540	COMPUTER HARDWARE (<\$25,000)											



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 maintain the pumps and sampling stations.



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. Depending on growth and technical issues, it is anticipated that the existing Long Lane Water Tank (500,000 gallons) will be converted to a reclaimed storage facility in the coming years. Additional storage facilities are being considered using existing Department property.

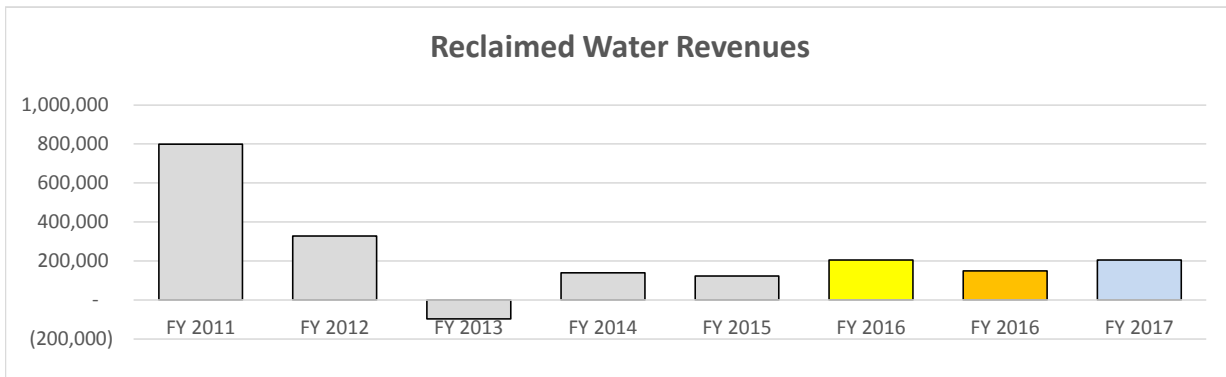


City of Franklin, Tennessee
FY 2016-2017 Biennial Operating Budget

Reclaimed Water

Revenues

Rate based revenues for FY 2016 are projected to be at approximately 69% of the forecast. The tables below present historic revenue by category FY 2010-FY 2015, estimated for the budgeted and projected revenues for FY 2016 and the projected revenues for FY 2017.



	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Actual	FY 2016 Forecast	FY 2016 Est.	FY 2017 Forecast
Intergovernmental	648,132	178,887	(240,183)	-	-	-	-	-
Interest Income	872	1,840	839	170	14	500	25	500
Sale of Surplus Assets	-	-	-	-	-	-	-	-
Customer Service (Rates)	146,237	147,006	135,305	130,570	82,488	200,500	137,656	200,500
Inspection Fees	-	-	2,337	-	-	1,000	8,668	1,000
Other Service Revenue	-	-	600	333	3,287	500	-	500
Contributions from Develop.	-	-	-	-	22,200	-	-	-
Capital Contributions	3,780	-	4,234	8,428	13,985	2,000	2,000	2,000
Total Reclaimed Revenues	799,021	327,733	(96,868)	139,501	121,974	204,500	148,349	204,500



City of Franklin, Tennessee

FY 2016-2017 Biennial 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 '16 vs. '17	
	2014	2015	2016	2016	2017	\$	%
Personnel							
Salaries & Wages	-	-	-	-	-	-	0.0%
Employee Benefits	-	-	-	-	-	-	0.0%
Total Personnel	-	-	-	-	-	-	0.0%
Operations							
Transportation Services	-	-	265	-	250	(15)	-5.7%
Operating Services	-	-	-	-	-	-	0.0%
Notices, Subscriptions, etc.	-	-	106	-	100	(6)	-5.7%
Utilities	12	9	53	-	50	(3)	-5.7%
Contractual Services	-	-	-	-	50,000	50,000	100.0%
Repair & Maintenance Services	-	-	12,732	-	12,000	(732)	-5.7%
Employee programs	-	-	-	-	-	-	0.0%
Professional Development/Travel	-	-	-	-	-	-	0.0%
Office Supplies	-	1,884	-	-	-	-	0.0%
Operating Supplies	77,383	86,756	106,200	35,000	108,200	2,000	1.9%
Fuel & Mileage	-	-	-	-	-	-	0.0%
Supplies for Resale	-	-	-	-	-	-	0.0%
Machinery & Equipment (<\$25,000)	-	-	2,000	-	2,000	-	0.0%
Repair & Maintenance Supplies	4,643	14,710	15,500	3,376	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	61,088	65,975	65,975	65,975	-	0.0%
Total Operations	143,126	164,447	202,831	104,351	254,075	51,244	25.3%
Capital							
	-	-	-	-	-	-	#DIV/0!
Total Reclaimed Water	143,126	164,447	202,831	104,351	254,075	51,244	25.3%

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

Reclaimed Water Detail - FY 2009-Present

Acct. #	Acct. Description	A2014	A2015	F2016	YTD2016	EST2016	F2017	F2018	F2019	F2020	F2021	F2022
Personnel												
Operations												
82110	MAILING & OUTBOUND SHIPPING SERVICES			106			100	100	100	100	100	100
82120	FREIGHT FOR INBOUND PURCHASED ITEMS			159			150	150	150	150	150	150
82130	VEHICLE LICENSES & TITLES											
82140	VEHICLE TOW-IN SERVICES											
	TOTAL TRANSPORTATION CHARGES			265			250	250	250	250	250	250
82210	PRINTING & COPYING SERVICES, OUTSOURCED											
82230	ARCHIVING/RECORDS MANAGEMENT SERVICES											
82240	TRANSCRIPTION FEES											
82250	TESTING & PHYSICALS											
82260	UNIFORM RENTAL & SERVICES											
82270	LANDFILL & BIOSOLIDS MANAGEMENT SERVICES											
82299	OTHER OPERATING SERVICES											
	TOTAL OPERATING SERVICES											
82310	LEGAL NOTICES			106			100	100	100	100	100	100
82340	LEADERSHIP RETREATS											
82350	DUES FOR MEMBERSHIPS											
82355	PROFESSIONAL STANDARDS / ACCREDITATION											
82360	PUBLIC RELATIONS & EDUCATION (CITY SPONSORED)											
82370	PROMOTIONS & SPECIAL EVENTS (NOT CITY SPONSORED)											
82371	EMERGENCY RELIEF											
82372	UNITED WAY CAMPAIGN											
82390	PUBLICATIONS, NON-TRAINING											
	TOTAL NOTICES, SUBSCRIPTIONS, PUBLICITY			106			100	100	100	100	100	100
82410	ELECTRIC SERVICE											
82415	ELECTRIC SERVICE - STREETLIGHTS											
82420	WATER & SEWER SERVICE			53	5		50	50	50	50	50	50
82430	STORMWATER SERVICE											
82435	SOLID WASTE SERVICE											
82440	NATURAL GAS SERVICE											
82450	TELEPHONE SERVICE											
82451	800 MHZ ACCESS LINE SERVICE											
82455	CELLULAR TELEPHONE SERVICE											
82470	INTERNET & RELATED SERVICES											
	TOTAL UTILITIES			53	5		50	50	50	50	50	50
82510	COMPUTER SERVICES											
82520	LEGAL SERVICES											
82540	ENGINEERING SERVICES											
82560	CONSULTANT SERVICES						50,000					
82599	OTHER CONTRACTUAL SERVICES											
	TOTAL CONTRACTUAL SERVICES						50,000					

Reclaimed Water Detail - FY 2009-Present

Acct. #	Acct. Description	A2014	A2015	F2016	YTD2016	EST2016	F2017	F2018	F2019	F2020	F2021	F2022
85340	RECORDING & FILING FEES	-	-	-	-	-	-	-	-	-	-	-
	TOTAL PERMITS	-	-	-	-	-	-	-	-	-	-	-
85530	E-COMMERCE FEES	-	-	-	-	-	-	-	-	-	-	-
85540	BILLING SERVICES	-	-	-	-	-	-	-	-	-	-	-
85550	CASH SHORT/OVER	-	-	-	-	-	-	-	-	-	-	-
85580	LATE CHARGES	-	-	-	-	-	-	-	-	-	-	-
	TOTAL FINANCIAL FEES	-	-	-	-	-	-	-	-	-	-	-
85990	MISCELLANEOUS	-	-	-	-	-	-	-	-	-	-	-
85991	MISCELLANEOUS-DONATIONS	-	-	-	-	-	-	-	-	-	-	-
	TOTAL OTHER BUSINESS EXPENSES	-	-	-	-	-	-	-	-	-	-	-
86600	LEASE/LOAN PRINCIPAL	36,788	37,790	41,924	22,644	41,924	43,066	44,239	45,444	46,682		
86700	LEASE/LOAN INTEREST	24,300	23,298	24,051	12,990	24,051	22,909	21,736	20,531	19,293		
	TOTAL DEBT SERVICE	61,088	61,088	65,975	35,634	65,975	65,975	65,975	65,975	65,975		
	Total Operations	143,126	164,447	202,831	54,240	104,351	254,075	206,075	209,075	212,075	148,100	150,100
	Increase (%) Year over Year	17.8%										
	Turnback	52,949										
	Turnback as a % of budget	37.0%										

Capital

89120	EASEMENTS ACQUIRED	-	-	-	-	-	-	-	-	-	-	-
	TOTAL LAND	-	-	-	-	-	-	-	-	-	-	-
89220	BUILDING DESIGN & CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
89230	BUILDING IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-
	TOTAL BUILDINGS	-	-	-	-	-	-	-	-	-	-	-
89320	DISTRIBUTION SYSTEMS	-	-	-	-	-	-	-	-	-	-	-
	TOTAL IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-
89510	FURNITURE, FIXTURE (>\$25,000)	-	-	-	-	-	-	-	-	-	-	-
89520	VEHICLES (>\$25,000)	-	-	-	-	-	-	-	-	-	-	-
89530	MACHINERY & EQUIPMENT (>\$25,000)	-	-	-	-	-	-	-	-	-	-	-
89540	COMPUTER HARDWARE (>\$25,000)	-	-	-	-	-	-	-	-	-	-	-
89550	COMPUTER SOFTWARE (>\$25,000)	-	-	-	-	-	-	-	-	-	-	-
	TOTAL MACHINERY & EQUIPMENT (>\$25,000)	-	-	-	-	-	-	-	-	-	-	-
	Increase (%) Year over Year	0.0%										
	Turnback	-										
	Turnback as a % of budget	0.0%										

Total Capital

	TOTAL EXPENDITURES	143,126	164,447	202,831	54,240	104,351	254,075	206,075	209,075	212,075	148,100	150,100
	Increase (%) Year over Year	17.8%										
	Turnback	52,949										
	Turnback as a % of budget	37.0%										



City of Franklin, Tennessee

FY 2016-2017 Biennial Operating Budget

Forecast

Section Summary

The Water & Wastewater Fund provides for a five-year forecast of future revenues and planned personnel, operating and capital expenses. This is done to ensure:

- The operations are able to keep up with ever-growing demand within and outside of the City of Franklin;
- Sufficient revenues are raised to ensure that the Water & Wastewater enterprise remains revenue neutral to taxpayers; and,
- Proper capital planning can be achieved.

The City of Franklin regularly has contracted out to industry experts to assist in the evaluation and planning of short-term and long-term rate structures and impact fees for the Water & Wastewater Fund. The last rate study was presented in July 2014 to the Board of Mayor and Aldermen. Through those cost of service studies, the BOMA has adopted a second five-year plan to annually raise rates for both water & wastewater services, 3.5% and 6.75%, respectively. The rate increase for wastewater services will likely decrease to 5.5% annually based on a cost of service study performed in FY 2016. This information will be presented to the Board in April 2016. These annual rate increase is designed to achieve two things:

- Ensure sufficient revenue is earned to handle all operations and capital needs (including all planned rate-funded capital, plant process improvements, and distribution and collection systems renewal); and,

Section Goals & Strategic Initiatives

The Water & Wastewater Fund for the City of Franklin, Tennessee has two major new projects which it must plan, build and pay for in the planning horizon of this document; namely, process improvements for both the Water Treatment Plant and the Wastewater Treatment Plant. Guided by the City's new Integrated Water Resource Plan (IWRP), capital needs and resource management are carefully and thoughtfully proposed not just over the planning horizon of this document, but for future generations of Franklin residents.

While it is important to plan for the future, it is always important to remember that forecasts cannot calculate or anticipate all potential changes and needs of future residents. What is known is clear; as Franklin continues to grow and the demands of the community change, costs will not be stagnant. Costs will also gravitate upwards due to inflation pressures and fixed cost increases which are inevitable over time. The challenge is, and will be, to balance the Water and Wastewater needs of the citizens of Franklin with the ratepayers ability to pay.

The ensuing pages provide staffing forecasts, budget requests and anticipated revenue collections from FY 2018-FY 2022.



City of Franklin, Tennessee

FY 2016-2017 Biennial Operating Budget

Staffing by Position

Position	Pay Grade	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
		F-T	F-T	F-T	F-T	F-T

Future needs for staffing of the Water and Wastewater Services for the City of Franklin are forecast to remain essentially unchanged, except for the addition of one Equipment Operator in Water Distribution, beginning in FY 2018.

Water Section - Projected Personnel

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	3	3
Administrative Assistant	D	1	1	1	1	1
Inventory Specialist	D	1	1	1	1	1
Equipment Operator	D	3	3	3	3	3
Utility Service Worker	C	4	4	4	4	4
TOTALS		16	16	16	17	17

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	2	0
Administrative Assistant	D	1	1	1	1	1
Water Operator	D	3	3	3	3	5
TOTALS		13	13	13	13	13

Water Section Totals

32 32 32 33 33

WASTEWATER SECTION - Projected Personnel

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 Specialist	E	1	1	1	1	1
Administrative Assistant	D	1	1	1	1	1
Administrative Secretary	B	0	0	0	0	0
Utility Inspector	F	3	3	3	3	3
Senior Utility Inspector	G	1	1	1	1	1
Office Manager	F	1	1	1	1	1
Utilities Engineer II	H	2	2	2	2	2
Grounds Worker	B	2	2	2	2	2
TOTALS		14	14	14	14	14

Wastewater Collection

Wastewater Collection Assistant Superintendent	G	1	1	1	1	1
Construction Supervisor	TBD	1	1	1	1	1



City of Franklin, Tennessee

FY 2016-2017 Biennial Operating Budget

Staffing by Position

Position	Pay Grade	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
		F-T	F-T	F-T	F-T	F-T

Future needs for staffing of the Water and Wastewater Services for the City of Franklin are forecast to remain essentially unchanged, except for the addition of one Equipment Operator in Water Distribution, beginning in FY 2018.

TV Truck Sewer Inspector	D	2	2	2	2	2
Maintenance Technician	E	4	4	4	4	4
Utilities Crew Chief	E	3	3	3	3	3
Equipment Operator	D	3	3	3	3	3
Sewer Equipment Technician	D	4	4	4	4	4
Utility Service Worker	C	7	7	7	7	7
TOTALS		25	25	25	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	1	1	1	1	1
Equipment Operator	D	2	2	2	2	2
Wastewater Operator	D	8	8	8	8	8
TOTALS		19	19	19	19	19

WASTEWATER SECTION TOTALS

		58	58	58	58	58
Total All Employees, Water & Wastewater		90	90	90	91	91



City of Franklin, Tennessee

FY 2016-2017 Biennial Operating Budget

Forecasts

	Budget 2018	Budget 2019	Budget 2020	Budget 2021	Budget 2022
Water					
Revenues					
Interest Income	\$ 10,000	\$ 12,500	\$ 15,000	\$ 17,500	\$ 20,000
Rental Income	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000
Sale of Surplus Assets	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Money & Property	\$ 34,000	\$ 36,500	\$ 39,000	\$ 41,500	\$ 44,000
Customer Service	\$ 10,157,310	\$ 10,612,816	\$ 10,925,072	\$ 11,243,573	\$ 11,468,445
Penalties	\$ 266,000	\$ 266,000	\$ 266,000	\$ 266,000	\$ 266,000
Service Charges	\$ 170,000	\$ 170,000	\$ 170,000	\$ 170,000	\$ 170,000
Inspection Fees	\$ 71,000	\$ 71,000	\$ 71,000	\$ 71,000	\$ 71,000
Other Service Revenue	\$ 95,000	\$ 95,000	\$ 95,000	\$ 95,000	\$ 95,000
Customer Service	\$ 10,759,310	\$ 11,214,816	\$ 11,527,072	\$ 11,845,573	\$ 12,070,445
Contributions from Developer					
Installation Fee	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Capital Contributions	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Available Funds	\$ 10,893,310	\$ 11,351,316	\$ 11,666,072	\$ 11,987,073	\$ 12,214,445
Expenses					
Personnel	\$ 2,150,278	\$ 2,232,799	\$ 2,324,461	\$ 2,419,142	\$ 2,520,654
Operations	\$ 7,022,237	\$ 7,268,893	\$ 7,505,493	\$ 7,808,122	\$ 8,097,918
Capital	\$ 1,505,749	\$ 1,711,037	\$ 1,716,588	\$ 1,722,417	\$ 1,803,538
Total Water	\$ 10,678,263	\$ 11,212,730	\$ 11,546,542	\$ 11,949,682	\$ 12,422,111
Surplus/(Deficit)	\$ 215,046	\$ 138,586	\$ 119,530	\$ 37,392	\$ (207,666)

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

Water Forecast

The five-year forecast for Water Services maintains current service levels and rate increases. The forecast shows the generation of an annual surplus of between \$250,000 to \$350,000 through FY 2021. 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 Water Treatment Plant Upgrade (starting in 2017). Detail on rate funded capital can be found in the Appendices section.



City of Franklin, Tennessee

FY 2016-2017 Biennial Operating Budget

Forecasts

	Budget 2018	Budget 2019	Budget 2020	Budget 2021	Budget 2022
Wastewater					
Revenues					
Interest Income	\$ 80,000	\$ 90,000	\$ 100,000	\$ 110,000	\$ 120,000
Rental Income	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800
Sale of Surplus Assets	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Money & Property	\$ 81,800	\$ 91,800	\$ 101,800	\$ 111,800	\$ 121,800
Customer Service	\$ 16,182,285	\$ 17,274,589	\$ 17,620,081	\$ 17,972,483	\$ 18,331,933
Inspection Fees	\$ 75,298	\$ 75,298	\$ 75,298	\$ 75,298	\$ 75,298
Other Service Revenue	\$ 66,115	\$ 66,115	\$ 66,115	\$ 66,115	\$ 66,115
Customer Service	\$ 16,323,698	\$ 17,416,002	\$ 17,761,494	\$ 18,113,896	\$ 18,473,346
Contributions from Developer					
Contributions Other					
Installation Fee	\$ 160,170	\$ 160,170	\$ 160,170	\$ 160,170	\$ 160,170
Capital Contributions	\$ 160,170	\$ 160,170	\$ 160,170	\$ 160,170	\$ 160,170
Available Funds	\$ 16,565,668	\$ 17,667,972	\$ 18,023,464	\$ 18,385,866	\$ 18,755,316
Expenses					
Personnel	\$ 3,913,125	\$ 4,062,348	\$ 4,221,889	\$ 4,392,681	\$ 4,575,746
Operations	\$ 5,990,693	\$ 6,118,548	\$ 6,218,552	\$ 6,340,904	\$ 6,479,739
Capital	\$ 4,170,675	\$ 4,452,856	\$ 4,747,072	\$ 5,074,153	\$ 5,264,948
Total Wastewater	\$ 14,074,493	\$ 14,633,752	\$ 15,187,514	\$ 15,807,739	\$ 16,320,432
Surplus/(Deficit)	\$ 2,491,175	\$ 3,034,220	\$ 2,835,951	\$ 2,578,127	\$ 2,434,883

*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 2016-2017 Biennial Operating Budget

Forecasts

	Budget 2018	Budget 2019	Budget 2020	Budget 2021	Budget 2022
Reclaimed Water					
Revenues					
Interest Income	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
Use of Money & Property	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
Customer Service	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Penalties	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
Inspection Fees	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Other Service Revenue	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
Customer Service	\$ 202,000	\$ 202,000	\$ 202,000	\$ 202,000	\$ 202,000
Instalation Fee	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Capital Contributions	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Available Funds	\$ 204,500	\$ 204,500	\$ 204,500	\$ 204,500	\$ 204,500
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)	\$ (1,575)	\$ (4,575)	\$ (7,575)	\$ 56,400	\$ 54,400

*More detail on Forecast years can be found in the Appendicies 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 surpluses in FY 2021 and FY 2022.



City of Franklin, Tennessee
FY 2016-2017 Biennial Operating Budget

Appendices

-
- Water Forecast Detail - FY 2018-2022
 - Wastewater Forecast Detail - FY 2018-2022
 - Reclaimed Water Forecast Detail - FY 2018-2022
 - Capital Projects Detail - FY 2018-2022
 - Chart of Accounts Definitions



City of Franklin, Tennessee

FY 2016-2017 Biennial Operating Budget

Budget

	Budget 2018	Budget 2019	Budget 2020	Budget 2021	Budget 2022
Divisions					
Water Distribution	1,825,125	1,880,909	1,942,579	2,004,767	2,071,240
Water Treatment/Plant	5,634,455	5,846,397	6,067,741	6,298,985	6,540,657
Utility Billing	175,609	182,823	190,572	198,904	207,876
Water General	3,043,075	3,302,600	3,345,650	3,447,025	3,602,337
Total Water	10,678,263	11,212,730	11,546,542	11,949,682	12,422,111
Expense by Category					
Personnel					
Salaries & Wages	1,463,268	1,489,913	1,517,092	1,544,813	1,573,090
Employee Benefits	687,010	742,886	807,369	874,329	947,565
Total Personnel	2,150,278	2,232,799	2,324,461	2,419,142	2,520,654
Operations					
Transportation Services	3,050	3,050	3,050	3,050	3,050
Operating Services	26,600	26,600	26,600	26,600	26,600
Notices, Subscriptions, etc.	9,750	9,750	9,750	9,750	9,750
Utilities	238,386	245,219	252,254	259,499	266,960
Contractual Services	164,125	159,125	134,125	164,125	169,125
Repair & Maintenance Services	96,000	96,000	96,000	96,000	96,000
Employee programs	7,500	7,500	7,500	7,500	7,500
Professional Development/Travel	8,900	8,900	8,900	8,900	8,900
Office Supplies	4,500	4,500	4,500	4,500	4,500
Operating Supplies	331,100	340,115	349,400	358,964	368,815
Fuel & Mileage	31,515	34,392	36,411	38,561	40,851
Supplies for Resale	4,049,510	4,211,491	4,379,950	4,555,148	4,737,354
Machinery & Equipment (<\$25,000)	68,028	70,490	73,073	75,787	78,636
Repair & Maintenance Supplies	244,300	244,300	244,300	244,300	244,300
Operational Units	1,287,431	1,351,803	1,419,393	1,490,362	1,564,881
Property & Liability Costs	84,887	89,131	93,588	98,267	103,181
Rentals	2,000	2,000	2,000	2,000	2,000
Financial Fees	16,800	16,800	16,800	16,800	16,800
Permits	38,100	38,100	38,100	38,100	38,100
Debt Service and Lease Payments	309,754	309,628	309,799	309,909	310,616
Total Operations	7,022,237	7,268,893	7,505,493	7,808,122	8,097,918
Buildings	2,431	2,553	2,680	2,814	2,955
Improvements	1,300,000	1,500,000	1,500,000	1,500,000	1,575,000
Machinery & Equipment (>\$25,000)	203,318	208,484	213,908	219,603	225,584
Capital	1,505,749	1,711,037	1,716,588	1,722,417	1,803,538
Total Water Forecast	10,678,263	11,212,730	11,546,542	11,949,682	12,422,111



City of Franklin, Tennessee

FY 2016-2017 Biennial Operating Budget

Budget

	Budget 2018	Budget 2019	Budget 2020	Budget 2021	Budget 2022
Divisions					
Wastewater Collection	2,437,194	2,528,141	2,624,995	2,728,247	2,838,529
Wastewater Plant	4,478,713	4,643,003	4,814,772	4,994,503	5,182,726
Utility Administration	1,013,845	1,072,977	1,088,530	1,126,593	1,167,024
Wastewater General	6,085,609	6,374,078	6,621,154	6,917,964	7,100,905
Total Water	14,015,361	14,618,200	15,149,450	15,767,307	16,289,185
Expense by Category					
Personnel					
Salaries & Wages	2,691,305	2,740,991	2,791,671	2,843,364	2,896,091
Employee Benefits	1,221,820	1,321,357	1,430,218	1,549,317	1,679,654
Total Personnel	3,913,125	4,062,348	4,221,889	4,392,681	4,575,746
Operations					
Transportation Services	3,500	3,500	3,500	3,500	3,500
Operating Services	432,853	450,458	468,193	486,065	504,080
Notices, Subscriptions, etc.	16,600	16,600	16,600	16,600	16,600
Utilities	1,541,943	1,588,505	1,636,457	1,685,851	1,736,722
Contractual Services	328,000	323,250	306,500	308,750	309,000
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	19,500	19,500	19,500	19,500	19,500
Office Supplies	7,150	7,150	7,150	7,150	7,150
Operating Supplies	292,964	300,339	307,937	315,762	323,822
Fuel & Mileage	124,064	128,956	134,052	139,363	144,898
Supplies for Resale	2	3	4	5	6
Machinery & Equipment (<\$25,000)	120,596	126,596	132,896	139,511	146,456
Repair & Maintenance Supplies	151,000	151,000	151,000	151,000	151,000
Operational Units	1,144,384	1,201,603	1,261,683	1,324,767	1,391,006
Property & Liability Costs	159,405	167,374	175,742	184,528	193,753
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	1,340,485	1,325,467	1,289,092	1,250,307	1,224,002
Total Operations	5,990,695	6,118,551	6,218,556	6,340,909	6,479,745
Buildings	1,823	1,914	2,010	2,111	2,216
Improvements	3,100,000	3,350,000	3,589,073	3,858,254	4,000,000
Machinery & Equipment (>\$25,000)	1,068,852	1,100,942	1,155,989	1,213,789	1,262,732
Capital	4,170,675	4,452,856	4,747,072	5,074,153	5,264,948
Total Wastewater	14,074,495	14,633,755	15,187,518	15,807,744	16,320,438



City of Franklin, Tennessee

FY 2016-2017 Biennial Operating Budget

Budget

	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 2016-2017 Biennial Operating Budget

Capital

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PROJECT	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
WASTEWATER SECTION CIPS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
Spencer Creek Sanitary Sewer Replacement	\$ 1,290,000	\$ 480,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,770,000
Sewer Interceptor Point Repair Projects	\$ 1,000,000	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000
James and Avondale Infrastructure Improvements	\$ 436,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 436,000
Forrest Crossing No1 forcemain rehab	\$ 110,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110,000
West End Circle Infrastructure Improvements	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000
Thompson Alley Infrastructure Improvements	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000
Frazier Drive Sanitary Sewer Rehabilitation	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Adams Street Infrastructure Improvements	\$ -	\$ 810,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 810,000
Evans Street Sewer Improvements	\$ -	\$ 452,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 452,500
Holiday Court Lift Station Rehabilitation	\$ -	\$ 260,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 460,000
West Main Infrastructure Improvements	\$ -	\$ 250,000	\$ 2,000,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,250,000
Franklin Road Improvements & Streetscape	\$ -	\$ 78,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 78,000
New Hope Academy Sewer Line Replacement	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Church Street Infrastructure Improvements	\$ -	\$ 25,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000



City of Franklin, Tennessee

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Capital

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PROJECT	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
Berry Circle Sanitary Sewer Line	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Mallory/N Royal Oaks & Liberty Intersection Imp.	\$ -	\$ -	\$ 112,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 112,600
S. Margin Infrastructure Upgrades (1st - Columbia)	\$ -	\$ -	\$ -	\$ 642,960	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 642,960
Gist Street Infrastructure Improvements	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000
East McEwen Drive Improvements - Phase 4	\$ -	\$ -	\$ -	\$ 179,850	\$ 179,850	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 359,700
Beta Drive Extension	\$ -	\$ -	\$ -	\$ 36,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,000
Eastview Circle Infrastructure Improvements	\$ -	\$ -	\$ -	\$ 20,000	\$ 212,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 232,500
South Prong Sanitary Sewer Upgrade	\$ -	\$ -	\$ -	\$ -	\$ 1,225,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,225,000
Forrest Street Infrastructure	\$ -	\$ -	\$ -	\$ -	\$ 217,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 217,500
Battle Avenue Infrastructure Replacement	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 1,165,000	\$ -	\$ -	\$ -	\$ -	\$ 1,285,000
N Royal Oaks Blvd (Alexander Plaza to Liberty Pk)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 179,280	\$ -	\$ -	\$ -	\$ -	\$ 179,280
Sanitary Sewer Rehab Btwn Strahl & W. Fowlkes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
Buckworth Infrastructure Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000
Long Lane/Old Peytonsville Rd Connector at I-65	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,000	\$ 73,500	\$ -	\$ -	\$ 97,500
Carothers Parkway Widening (Falcon Creek to SR-96)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 360,000	\$ 360,000	\$ 720,000



City of Franklin, Tennessee

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Capital

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PROJECT	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
Jordan Road Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,400	\$ -	\$ 26,400
WASTEWATER TOTAL	\$ 3,021,000	\$ 2,930,500	\$ 3,012,600	\$ 2,128,810	\$ 1,954,850	\$ 1,394,280	\$ 24,000	\$ 73,500	\$ 386,400	\$ 360,000	\$ 15,285,940
WATER SECTION CIPs											
James and Avondale Infrastructure Improvements	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000
Old Carters Creek Pike Water Line	\$ 480,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 480,000
Bobby Drive Water Line Replacement	\$ 430,000	\$ 425,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 855,000
West End Circle Infrastructure Improvements	\$ 127,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 127,000
16" Water Line Long Lane Connector	\$ 60,000	\$ 25,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,085,000
Thompson Alley Infrastructure Improvements	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,000
Adams Street Infrastructure Improvements	\$ -	\$ 510,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 510,000
Franklin Road Improvements & Streetscape	\$ -	\$ 155,650	\$ 155,650	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 311,300
West Main Infrastructure Improvements	\$ -	\$ 150,000	\$ 1,500,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,650,000
Water Line from Fourth Ave S to Berry Circle	\$ -	\$ 93,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 93,000
Church Street Infrastructure Improvements	\$ -	\$ 25,000	\$ 275,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
S. Margin Infrastructure Upgrades (1st - Columbia)	\$ -	\$ -	\$ -	\$ 294,690	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 294,690



City of Franklin, Tennessee

FY 2016-2017 Biennial Operating Budget

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PROJECT	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
Gist Street Infrastructure Improvements	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Old Hillsboro Rd Water Line	\$ -	\$ -	\$ -	\$ 80,000	\$ 295,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 375,000
Murfreesboro Rd Water line Replacement	\$ -	\$ -	\$ -	\$ 67,500	\$ 675,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 742,500
Eastview Circle Infrastructure Improvements	\$ -	\$ -	\$ -	\$ 30,000	\$ 303,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 333,000
Lee Drive Water Line Replacement	\$ -	\$ -	\$ -	\$ 15,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 215,000
Beta Drive Extension	\$ -	\$ -	\$ -	\$ 11,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,000
Glass Lane Water Line Replacement	\$ -	\$ -	\$ -	\$ -	\$ 255,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 255,000
Forrest Street Infrastructure	\$ -	\$ -	\$ -	\$ -	\$ 145,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 145,000
Lewisburg Pike Water Line Replacement	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000
Alicia Drive Water Line Replacement	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Battle Avenue Infrastructure Replacement	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 585,000	\$ -	\$ -	\$ -	\$ -	\$ 665,000
Buckworth Infrastructure Improvements	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
N Royal Oaks Blvd (Alexander Plaza to Liberty Pk)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 313,500	\$ -	\$ -	\$ -	\$ -	\$ 313,500
Grassland Tank Demolition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 270,000	\$ -	\$ -	\$ -	\$ -	\$ 270,000
Highway 96W Water Line Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 258,000	\$ -	\$ -	\$ -	\$ -	\$ 258,000



City of Franklin, Tennessee
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PROJECT	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
Manley Lane dead end removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 445,000	\$ -	\$ -	\$ -	\$ 495,000
Liberty Pike water line replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 355,000	\$ -	\$ -	\$ -	\$ 355,000
Long Lane/Old Peytonsville Rd Connector at I-65	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 49,500	\$ -	\$ -	\$ -	\$ 49,500
Scruggs Avenue Water Line Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 175,000	\$ -	\$ -	\$ 195,000
Morning Side Drive	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110,000	\$ -	\$ -	\$ 110,000
Carothers Parkway Widening (Falcon Creek to SR-96)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ 165,000	\$ 330,000
Westview Apt Water Line Replacement (510 96W)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110,000	\$ -	\$ 110,000
WATER TOTAL	\$ 1,652,000	\$ 1,383,650	\$ 2,930,650	\$ 1,648,190	\$ 2,183,000	\$ 1,566,500	\$ 869,500	\$ 285,000	\$ 275,000	\$ 165,000	\$ 12,958,490

