



City of Franklin

109 3rd Ave S
Franklin, TN 37064
(615)791-3217

Meeting Agenda

Work Session

Tuesday, August 28, 2018

5:00 PM

Board Room

Call to Order

Citizen Comments

WORKSESSION DISCUSSION ITEMS

1. [18-0693](#) Review of Six-Month Building Activity

Sponsors: Eric Stuckey, Vernon Gerth and Lynn Osland
Attachments: [DEVELOPMENT ACTIVITY SUMMARY - FY 2018 - July 1, 2017 - June 30, 2018](#)

2. [18-0880](#) *Consideration of Liquor License RENEWAL for Franklin Wine and Spirits, (James D. Clark, Managing Agent) 1400 Liberty Pike, Suite #300, Franklin, TN 37064.

Sponsors: Lanaii Benne
Attachments: [2018 CERT Clark, David .pdf](#)

3. [18-0870](#) Consideration of Resolution 2018-76, To Be Entitled: "A Resolution To Adopt A Public Meeting Code of Conduct." (08/28/18 WS)

Sponsors: Eric Stuckey
Attachments: [RESOLUTION 2018-76 Public Meeting Civility Code with attachment.Law App](#)

4. [18-0869](#) Consideration of Resolution 2018-77, a Resolution to Adopt a Five-Year Rate Plan and Cost of Service Study for the Water and Sanitary Sewer Utility Fund, Fiscal Year 2019 through Fiscal Year 2023 (08/28/18 WS).

Sponsors: Mark Hilty and Michelle Hatcher
Attachments: [RESOLUTION 2018-77 WMD 5YR RATE PLAN with attachments.Law Approve](#)
[20180817_PPT_Jackson Thornton Rate Study Presentation_V1](#)

5. [18-0807](#) Consideration of Resolution 2018-65, A Resolution of A 401(a) Defined Contribution Retirement Plan In The Form Of The ICMA Retirement Corporation Deferred Compensation Plan & Trust And a 457(B) Plan In The Form Of The ICMA Retirement Corporation Governmental Profit Sharing Plan & Trust And Engage ICMA Retirement Corporation For Third Party Administration Of Each Plan. (08/28/18 WS)

Sponsors: Eric Stuckey, Kristine Brock and Kevin Townsel

Attachments: [Resolution 2018-65 VantageTrust DC Plan effective Jan 1 2019 with Appendix Proposal for Defined Contribution Pension Plan for New Hires on or after Jan 1](#)

6. [18-0677](#) Approval To Enter In A Professional Services Agreement With The Architect Workshop For The “City Of Franklin City Hall Programming Report” In An Amount of \$137,800.00 Regarding The Development Of A New City Hall. (Job Number 2018-010, COF Contract No. 2018-0154). (08/14/18 WS, 08/28/18 WS)

Sponsors: Brad Wilson

Attachments: [1804_City of Franklin Professional Services Agreement - Programming 22 08 2](#)
[COF 2018-0154 PSA The Architect Workshop City Hall Needs Assessment with](#)

Legislative History

8/14/18 Work Session referred to the Work Session

7. [18-0799](#) Consideration of COF Contract No. 2018-0085 with Lose and Associates, Inc. for the Franklin Special School District (FSSD) Ballfield Renovation Masterplan in the amount not-to-exceed \$60,000. (08/28/18 WS)

Sponsors: Lisa Clayton

Attachments: [COF Contract No. 2018-0085 FSSD Ball Field Renovation-MasterPlan Scope-](#)

8. [18-0604](#) Discussion on Irrigation Metering Structure (Continued from 6/26/18, 8/28/18, 4/9/19, and 8/27/19 Work Sessions)

Sponsors: Michelle Hatcher

Attachments: [20190813_PPT_Irrigation Fees BOMA Worksession Presentation_V1.pdf](#)
[20191205_PPT_Irrigation Discussion BOMA Worksession Presentation V1.pdf](#)

Legislative History

6/26/18 Work Session referred to the Work Session

9. [18-0539](#) Consideration of Ordinance 2018-17 to Amend Title 12, Chapter 8 of the Franklin Municipal Code to Adopt the ICC International Existing Building Code, 2018 Edition (08/28/18 WS, 09/11/18 BOMA 1st Reading 7-0)
SECOND AND FINAL READING

Sponsors: Building and Neighborhood Services (BNS) and Chris Bridgewater

Attachments: [ORD 2018-17 Adopt 2018 IEBC 1 law approved 1 Jan](#)

10. [18-0542](#) Consideration of Ordinance 2018-20 to Amend Title 12, Chapter 5 of the Franklin Municipal Code to Adopt the ICC International Property Maintenance Code, 2018 Edition. (08/28/18 WS, 09/11/18 BOMA 1st Reading 7-0) SECOND AND FINAL READING
- Sponsors:** Building and Neighborhood Services (BNS) and Chris Bridgewater
- Attachments:** [ORD 2018-20 Adopt 2018 IPMC law approved 1 Jan](#)
11. [18-0545](#) Consideration of Ordinance 2018-23 AS AMENDED to Amend Title 12, Chapter 7 of the Franklin Municipal Code to Adopt the International Swimming Pool and Spa Code, 2018 Edition. (08/28/18 WS, 09/11/18 BOMA 1st Reading 7-0) SECOND AND FINAL READING
- Sponsors:** Building and Neighborhood Services (BNS) and Chris Bridgewater
- Attachments:** [ORD 2018-23 Adopt 2018 International Swimming Pool and Spa Code law appr](#)
12. [18-0770](#) Consideration of Ordinance 2018-25 to Amend Title 7, Chapter 5 of the Franklin Municipal Code to Adopt the NFPA 101 Life Safety Code, 2018 Edition (08/28/18 WS, 09/11/18 BOMA 1st Reading 7-0) SECOND AND FINAL READING
- Sponsors:** Building and Neighborhood Services (BNS), Chris Bridgewater and Andy King
- Attachments:** [ORD 2018-25 Adopt 2018 LSC law approved 1 Jan](#)

Other Business

Adjournment

Anyone requesting accommodations due to disabilities should contact ADA coordinator at 791-3277.

DEVELOPMENT ACTIVITY SUMMARY
PERMITS ISSUED & FEES RECEIVED
Including Construction Valuation

From: 7/1/2017-6/30/2018



PERMIT FEES RECEIVED -
Includes Permit Fees, & Technology Fees

of PERMITS ISSUED*
*Permits without associated fees are not included.

FEES RECEIVED

Residential (inc Townhomes/ Duplexes)	5,082	\$1,554,479
Building Permits	953	\$1,409,784
Electrical Permits	1,692	\$67,308
Mechanical Permits	1,447	\$37,820
Plumbing Permits	920	\$20,204
Swimming Pool Permits	43	\$17,778
Demolition Permits	15	\$865
Floodplain Permits	12	\$720
Non-Residential (inc Multi-Family)	1,753	\$1,294,057
Building Permits	366	\$934,676
Electrical Permits	817	\$196,942
Mechanical Permits	290	\$92,314
Plumbing Permits	244	\$66,381
Swimming Pool Permits	4	\$2,124
Demolition Permits	25	\$1,380
Floodplain Permits	7	\$240
TOTAL PERMITS ISSUED	6,835	\$2,848,536

ADDITIONAL FEES RECEIVED

Residential (inc Townhomes/ Duplexes)	\$4,874,323
Road Impact Fees	\$2,751,861
Facilities Tax	\$2,051,393
Plan Review Fees	\$17,044
Reinspection Fees	\$7,750
Garbage Container Fees	\$46,275
Non-Residential (inc Multi-Family)	\$11,484,822
Road Impact Fees	\$8,683,149
Facilities Tax	\$2,736,213
Plan Review Fees	\$62,460
Reinspection Fees	\$2,700
Garbage Container Fees	\$300
TOTAL ADDITIONAL FEES	\$16,359,145

NEW DWELLING UNITS

of UNITS

Building Permits Issued - Number of Units by Type

<u>Single Family (Detached) Dwellings</u>	<u>495</u>
<u>Multi-Family (Attached) Dwellings</u>	<u>1,247</u>
<u>Townhomes</u>	<u>124</u>

TOTAL DWELLING UNITS **1,866**

WATER & SEWER FEES RECEIVED**FEES
RECEIVED**

<u>Residential (inc Townhomes/ Duplexes)</u>	<u>\$1,233,095</u>
Water Tap Fees	\$137,586
Sewer Tap Fees	\$1,095,509
<u>Non-Residential (inc Multi-Family)</u>	<u>\$3,766,716</u>
Water Tap Fees	\$599,378
Sewer Tap Fees	\$3,167,338
<u>TOTAL WATER & SEWER</u>	<u>\$4,999,811</u>

**STORMWATER, GRADING, & UTILITY
PERMITS ISSUED****# of PERMITS
ISSUED****FEES
RECEIVED**

<u>TOTAL STORMWATER & GRADING PERMITS ISSUED:</u>	<u>41</u>	<u>\$28,700</u>
<u>TOTAL GRADING ONLY PERMITS ISSUED:</u>	<u>2</u>	<u>\$1,400</u>
<u>TOTAL UTILITY CONSTRUCTION/ INFRASTRUCTURE PERMITS ISSUED:</u>	<u>22</u>	<u>\$10,000</u>

**ESTIMATED VALUATION
OF BUILDING PERMITS*****# of BUILDING
PERMITS ISSUED****VALUATION**

<u>Residential Valuation of Construction</u>	<u>953</u>	<u>\$231,182,434</u>
New	619	\$216,065,409
Accessory Building	29	\$1,368,167
Addition	128	\$7,445,440
Interior Finish/Build-Out	2	\$60,000
Miscellaneous	81	\$1,500,430
Renovation	94	\$4,742,988
<u>Non-Residential Valuation of Construction</u>	<u>366</u>	<u>\$675,420,507</u>
New	50	\$486,869,314
Accessory Building	20	\$31,308,990
Addition	9	\$6,300,120
Interior Finish/Build-Out	130	\$51,974,503
Miscellaneous	65	\$4,434,883
Renovation	88	\$17,459,095
Foundation	4	\$77,073,602
<u>TOTAL ESTIMATED VALUATION OF BUILDING PERMITS*</u>		<u>\$906,602,941</u>

*Includes all new residential construction (single family detached dwellings and townhomes), new non-residential construction (including multi-family dwellings), accessory buildings, additions, tenant build-out, renovations, and miscellaneous construction. Estimated Valuations (Construction Costs) are provided by Applicants on Building Permit Applications only.

Permit values transacted during the month do not necessarily equal dollars collected because of the timing of the payment and actual issuance of the permits. Permit values are rounded up to the nearest dollar; therefore, totals may not match.



HISTORIC
FRANKLIN
TENNESSEE

**RETAILER'S CERTIFICATE
(RENEWAL)**

Pursuant to T.C.A. §57-3-208, the City of Franklin hereby certifies the following facts concerning application in the name of JDC Wines and Spirits, LLC d/b/a Franklin Wine and Spirits, owned by the managing agent, James D. Clark, who has made application for a retailer's license to handle alcoholic beverages at 1400 Liberty Pike, Suite 300, Franklin, TN 37067 (Franklin Wine and Spirits), which is within the corporate limits of the City of Franklin, Williamson County, Tennessee:

1. The owner(s) who are to be in actual charge of the business have not been convicted of any violation of the laws against possession, sale, manufacture, or transportation of beer or other alcoholic beverages, or of any felony, or of any crime involving moral turpitude, within the past ten (10) years immediately preceding the date of application, and shall not violate any of the provisions of Tennessee Code Annotated, Title 57, Chapter 3;
2. The applicant(s) has secured a location for the business which complies with all restrictions of local law, ordinances, or resolutions, duly adopted by the local authorities as to location.
3. The applicant (by and through one or more of its owners) meets all residency requirements established by local authority under Franklin Municipal Code Section 2-108A.
4. The applicant has complied with local laws, ordinances, and resolutions duly adopted by the local authority regulating the number of retail licenses to be issued within the jurisdiction.

This the 28th Day of August, 2018

Dr. Ken Moore
Mayor

RESOLUTION 2018-76

A RESOLUTION TO ADOPT A PUBLIC MEETING CODE OF CONDUCT

WHEREAS, the City of Franklin, Tennessee, prides itself on being an inclusive, open, respectful, and welcoming community; and

WHEREAS, the City of Franklin, Tennessee, strives to be a place where all are empowered to participate in the democratic process; and

WHEREAS, basic rules of fairness and conduct enable all to engage in public meetings.

NOW THEREFORE, BE IT RESOLVED by the Board of Mayor and Aldermen of the City of Franklin, Tennessee, that:

The attached Public Meeting Code of Conduct shall be adopted and provide guidance to all who participate in public meetings in the City of Franklin.

IT IS SO RESOLVED AND DONE on this _____ day of _____, 2018.

ATTEST:

CITY OF FRANKLIN, TENNESSEE:

By: _____
Eric S. Stuckey
City Administrator

By: _____
Dr. Ken Moore
Mayor

Approved as to Form:

By: _____
Shauna Billingsley
City Attorney



Public Meeting Code of Conduct

The City of Franklin, Tennessee, prides itself on being an inclusive, open, respectful, and welcoming community where the whole story can be told—past, present, and future. Our future as a community depends upon the ever vigilant observation of basic rules of courtesy, respect, and tolerance when engaging in any public discourse. Therefore, the City of Franklin observes the following code of civility for all public meetings:

- 1) **Policy** All citizens are welcome to speak their minds, but should focus on the subject matter of an issue, and never the person. Personal attacks are not acceptable. All have a right to voice their respectful opinion on an issue.
- 2) **Observe** All attendees to a public meeting shall observe all rules of the meeting. These include:
 - a. All public comment will be directed through the chairperson of the meeting.
 - b. Time limits may be established by the chairperson.
 - c. No displays, placards, or signs will be allowed within public meeting chambers other than those necessary to explain a topic of discussion.
 - d. No person shall approach a board or commission without permission of the chairperson.
 - e. The chairperson has the right to stop comment after time has expired or if the commenter has violated these public meeting guidelines and rules of decorum.
 - f. The chairperson has the right to have a commenter removed from the meeting should a violation of this code occur.
- 3) **Listen** Participation in public meetings is a cornerstone expression and function of our democratic process. To be truly successful in participating, one must actively listen. To that end:
 - a. All participants—applicants, citizens, elected officials, and staff—should actively listen to commenters.
 - b. To value all meeting participants' time, we respectfully ask that speakers refrain from overly repetitive messages. If you agree with a prior statement or point, say so and add your new insights to the discussion.
- 4) **Intention** Participants are encouraged to act with intention. All people—applicants, citizens, elected officials, and staff—have one critical thing in common—everyone's time is valuable. When speaking, do so with intention. State your opinion or subject matter of fact plainly and in a straightforward manner. This, as much as anything, demonstrates respect to your fellow participants in democracy.
- 5) **Tolerate** A hallmark of any civil society is toleration of differing opinions, even if you do not agree. The City of Franklin encourages all participants to:

- a. Disagree constructively.
 - b. Never use disparaging or offensive language or antagonize a speaker through clapping, heckling, or other disruptive demonstration.
 - c. Respect differing viewpoints, even if you disagree with them.
 - d. Respect the Board or Commission. Once the public comment period is closed, allow the board or commission members the same courtesy afforded you to speak their mind and collaboratively come to a decision.
- 6) **Educate** No person knows everything—not commenters, decision makers, nor staff. Participation in public discourse is an opportunity to truly educate those involved in building and sustaining our community. This involves not only conveying how you feel about an issue, but also sharing information relevant to the issue. Respectfully use the opportunity to educate boards, commissions, and your neighbors.

This code is designed to maintain and nurture an approachable government for all citizens of our City. The City of Franklin encourages all to remember the words of our namesake, founding father Benjamin Franklin:

“Remember not only to say the right thing in the right place, but far more difficult still, to leave unsaid the wrong thing at the tempting moment.”

RESOLUTION 2018-77

A RESOLUTION TO ADOPT A FIVE-YEAR RATE PLAN AND COST OF SERVICE STUDY FOR THE WATER AND SANITARY SEWER UTILITY FUND, FISCAL YEAR 2019 THROUGH FISCAL YEAR 2023

WHEREAS, the City of Franklin owns and operates a water and sanitary sewer utility system under authorization of the Municipal Charter; and

WHEREAS, this Utility Fund is an enterprise fund of the City in accordance with generally accepted accounting principles; and

WHEREAS, it is deemed to be in the public interest to provide for the long-range fiscal health of the system; and

WHEREAS, a five-year financial plan would be beneficial in establishing levels of expenditures and revenue estimates beyond a single fiscal period; and

WHEREAS, a five-year plan would demonstrate the capability of current and proposed rates to adequately cover the operating expenses of the system; and.

WHEREAS, a five-year plan would incorporate the long-term effect of capital projects and expansion/reduction of facilities on operational costs, including projected increases in personnel, utilities, and other expenses that scale with changes in system size or customer base; and

WHEREAS, a five-year plan would incorporate the estimated effects of inflation and customer growth on revenues and expenses, and allow the Board and staff to better plan for future system needs.

NOW THEREFORE, BE IT RESOLVED by the Board of Mayor and Aldermen of the City of Franklin, Tennessee:

SECTION 1. That the Water Management Five-Year Rate Plan FY 2019–2023 for the Water and Sanitary Sewer Utility Fund, as set forth more fully in Attachment A, is herewith approved and adopted.

SECTION 2. This Resolution shall take effect upon adoption, the public welfare requiring it.

Adopted this 11th day of September 2018.

ATTEST:

CITY OF FRANKLIN, TENNESSEE:

By: _____
ERIC S. STUCKEY
City Recorder

By: _____
DR. KEN MOORE
Mayor

Approved as to Form:

Shauna R. Billingsley, City Attorney



Water Management Five-Year Rate Plan FY 2019 - 2023



City of Franklin, Tennessee

INTRODUCTION

Through Resolution No. 2014-57, the City of Franklin Board of Mayor and Aldermen (BOMA) adopted a five-year rate plan (FY 2015 through FY 2019) to establish the necessary revenue resources for Water Management Department operations. At that time, the BOMA elected to take measured incremental steps to achieve the appropriate revenue streams in anticipation of strategic work being performed within the department and equated to a 3.5% and 6.75% annual rate increase for water and sanitary sewer respectively. In March 2016, an updated study was completed which ultimately resulted in reducing the sanitary sewer rate increases in years three and four to 5.5%.

As a continuation of this planning effort the Water Management Department has been working with Jackson Thornton Utilities Consultants (Contract 2018-0018) to perform a cost of service study to determine any additional impact to rates based upon updated capital planning and the anticipated construction of the new Water Reclamation Facility Upgrade and Expansion project that was recently awarded. Appendix A comprises the detailed cost of service studies developed by Jackson Thornton.

The City, in making the decision to take the measured steps through five-year planning horizons, continues to be able to look forward and face the challenges related to continued implementation of the Integrated Water Resources Plan (IWRP) and future operations.

COST OF SERVICE ANALYSES: 2019 – 2023

Planning for system revenues is a fundamental necessity of the Water Management Department and the City of Franklin. There are numerous factors that affect the way the City establishes rates. Some of these factors include cost of operations and maintenance, capital investments related to renewal of the systems, and water and sanitary sewer demand projections. Recently the City has awarded a contract to perform upgrades and expansion of the Water Reclamation Facility and has recently completed upgrades to the Water Treatment Plant.

Franklin's rate analyses has been developed using a cost of service approach. The water rate structure includes a component for conservation through inclining rates based on monthly consumption. The sanitary sewer rate structure includes a declining rate as service volumes increase to acknowledge the potential for irrigation water usage. Both structures include a higher rate for customers that have service outside of the city limits in recognition of the benefits to customers that do not pay city taxes.

As the debt service for the Water Reclamation Facility Upgrade and Expansion project comes online, the primary area of under recovery will be in the customer charge. The customer charge helps to cover certain fixed costs, including debt service. Therefore, based on a cost of service approach, it is recommended that the City continue to evaluate not only adjustments to the volumetric rates but also to the customer charges.

In looking forward, staff and the consultant evaluated FY 2019 through 2023 in terms of operations and maintenance expenditures, debt service, and rate funded capital. A key element of this study is the Water Reclamation Facility construction bid from June 2018. The awarded bid was \$132,890,000 with RPR services at \$11,677,396, totaling \$144,567,396. The City has secured \$100,000,000 of funding through the State Revolving Fund (SRF) program. While the funding mechanism for the remaining \$44,567,396 is still being evaluated, the City anticipates securing additional loan funding between \$20M to \$25M through either the SRF program or bonds with the balance of the project to be paid through City funds. Table 1 below presents the initial expectation for funding the 42-month project which have been folded into the cost of service analyses performed in 2018.

Table 1: Water Reclamation Facility Debt Service

<i>FUNDING SOURCE</i>	FUNDING AMT	INTEREST	ESTIMATED ANNUAL DEBT SERVICE
SRF 17-398	\$20,000,000	1.47% + 8 Basis Points	\$834,059
SRF 17-376	\$78,500,000	1.47% + 8 Basis Points	\$3,273,681
SRF 17-375	\$1,500,000	1.47% + 8 Basis Points	\$53,171
LOAN TBD	\$20,000,000	3.5% (Estimated)	\$1,077,707
CITY FUNDS	\$24,567,396	NA	\$0
		TOTAL	\$5,238,619

FIVE-YEAR RATE PLAN

The proposed five-year rate plan is consistent with the measured incremental increases of previous rate plans. Due to the extensive planning efforts, the proposed rate plan is more aligned with inflationary increases versus overcoming a shortfall in revenues.

Proposed rate design options have been developed for FY 2019 and FY 2020 below. Consistent with previous practice, it is recommended that rate adjustments be performed on January 1 for each year. Proposed rate design options have been developed for FY 2019 and FY 2020 below and will be considered at the September 11, 2018 BOMA meeting.

Water:

- **Option A:** Increase the monthly customer charge by \$1.50 (\$3.00 total) each of the next two years for each rate class.
- **Option B:** Increase the monthly customer charge by \$0.75 each (\$1.50 total) year for each rate class, in addition to increasing the volumetric charge by \$0.11 each year (\$0.22 total) for each rate class.

Wastewater:

- **Option A:** Increase the monthly customer charge by \$2.32 (\$4.64 total) each of the next two years for each rate class.
- **Option B:** Increase the monthly customer charge by \$1.16 (\$2.32 total) each of the next two-years for each rate class, in addition to increasing the volumetric charge by \$0.14 (\$0.28 total) each of the next two years for each rate class.

Figures 1 and 2 present the rate requirements and proposed rates changes for the water and sanitary sewer utilities through FY 2023, respectively.

Figure 1: Water Utility Rate Requirement and Proposed Rate Changes

	Rate Requirement	% Change	\$ Change	Rate Revenue	Proposed Rate Change	Additional Revenue	Revenue - Requirement
Actual 2017	\$ 12,324,511			\$11,192,969			\$ (1,131,543)
Budget 2019	\$ 11,877,570	-3.6%	\$ (446,941)	\$11,517,565	2.90%	\$ 324,596	\$ (360,005)
Budget 2020	\$ 11,950,803	0.6%	\$ 73,233	\$11,851,574	2.90%	\$ 334,009	\$ (99,229)
Budget 2021	\$ 12,262,686	2.6%	\$ 311,883	\$12,195,270	2.90%	\$ 343,696	\$ (67,416)
Budget 2022	\$ 12,575,523	2.6%	\$ 312,837	\$12,548,933	2.90%	\$ 353,663	\$ (26,590)
Budget 2023	\$ 12,893,459	2.5%	\$ 317,936	\$12,912,852	2.90%	\$ 363,919	\$ 19,393

5 Year Rate Requirement Timeline

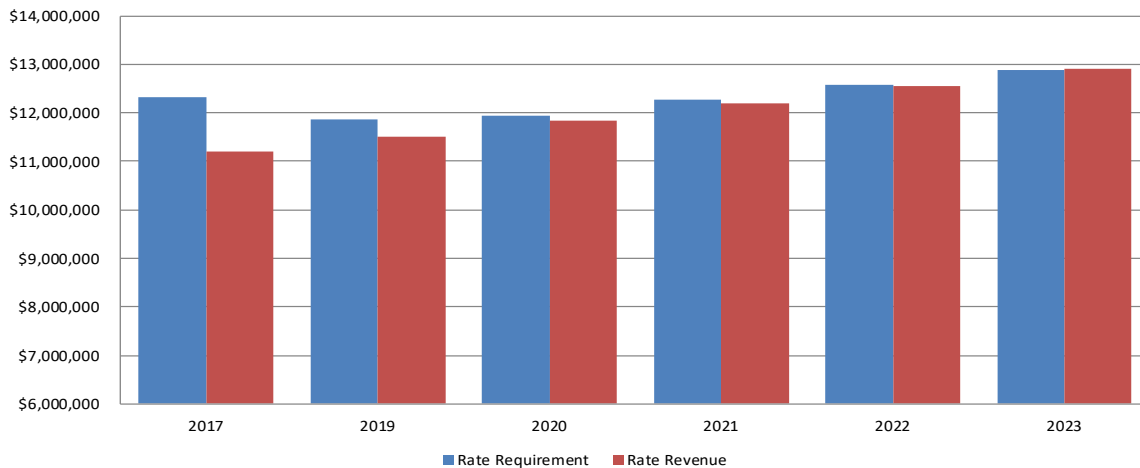
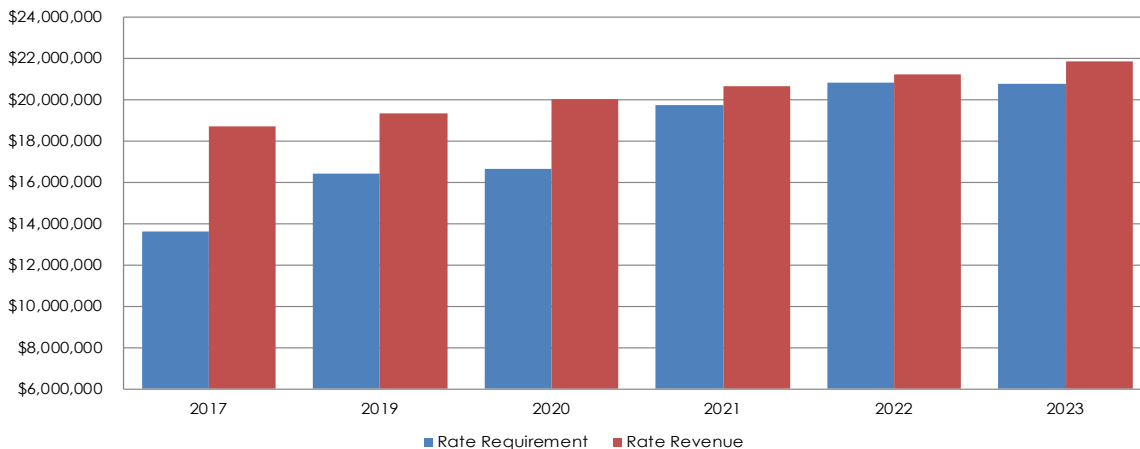


Figure 2: Sanitary Sewer Utility Rate Requirement and Proposed Rate Changes

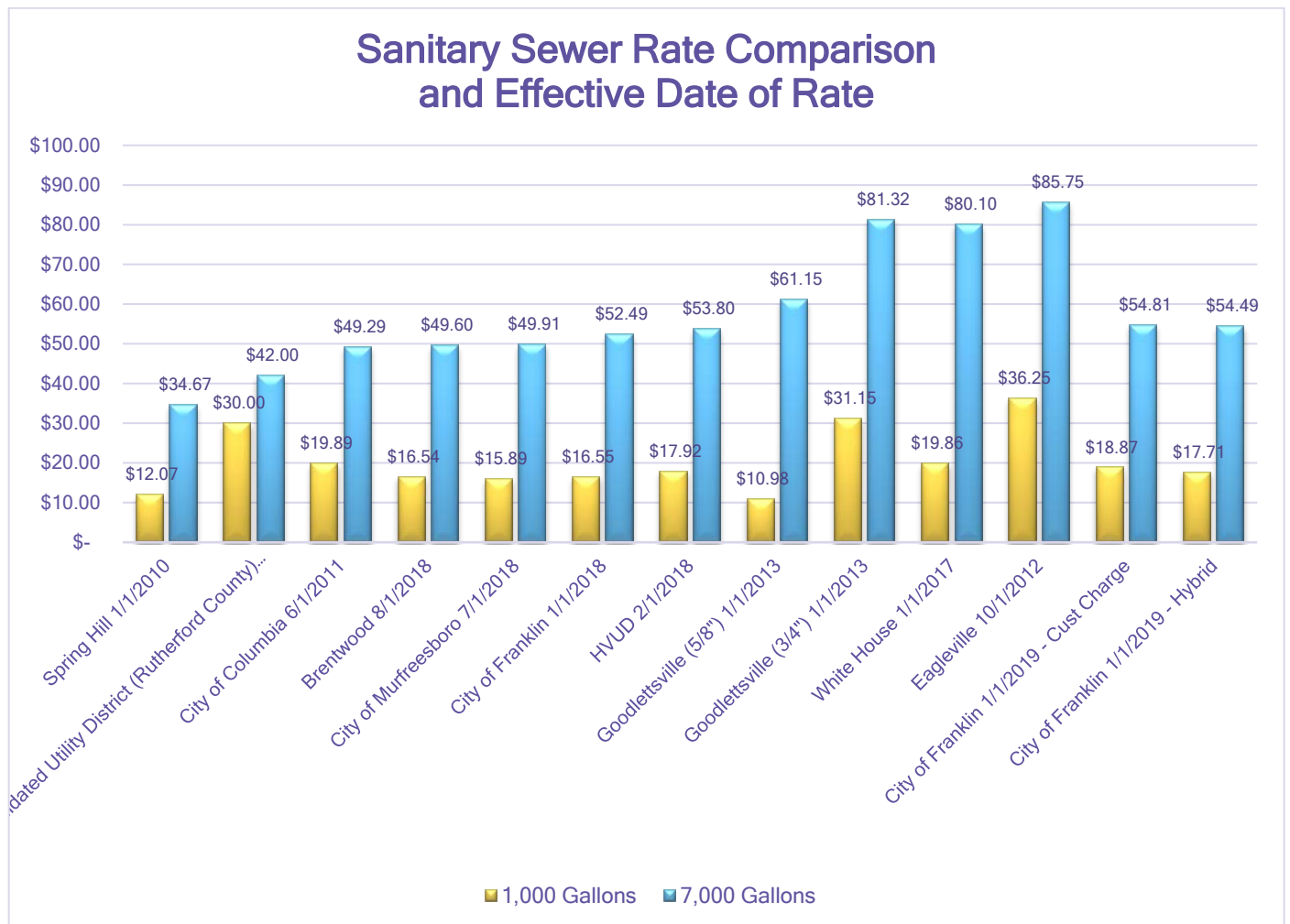
	Rate Requirement	% Change	\$ Change	Rate Revenue	Proposed Rate Change	Additional Revenue	Revenue - Requirement
Actual 2017	\$ 13,594,291			\$18,676,471			\$ 5,082,180
Budget 2019	\$ 16,405,660	20.7%	\$ 2,811,369	\$19,330,147	3.50%	\$ 653,676	\$ 2,924,487
Budget 2020	\$ 16,630,587	1.4%	\$ 224,927	\$20,006,702	3.50%	\$ 676,555	\$ 3,376,115
Budget 2021	\$ 19,713,962	18.5%	\$ 3,083,375	\$20,606,903	3.00%	\$ 600,201	\$ 892,941
Budget 2022	\$ 20,811,168	5.6%	\$ 1,097,206	\$21,225,111	3.00%	\$ 618,207	\$ 413,942
Budget 2023	\$ 20,725,005	-0.4%	\$ (86,163)	\$21,861,864	3.00%	\$ 636,753	\$ 1,136,858

5 Year Rate Requirement Timeline

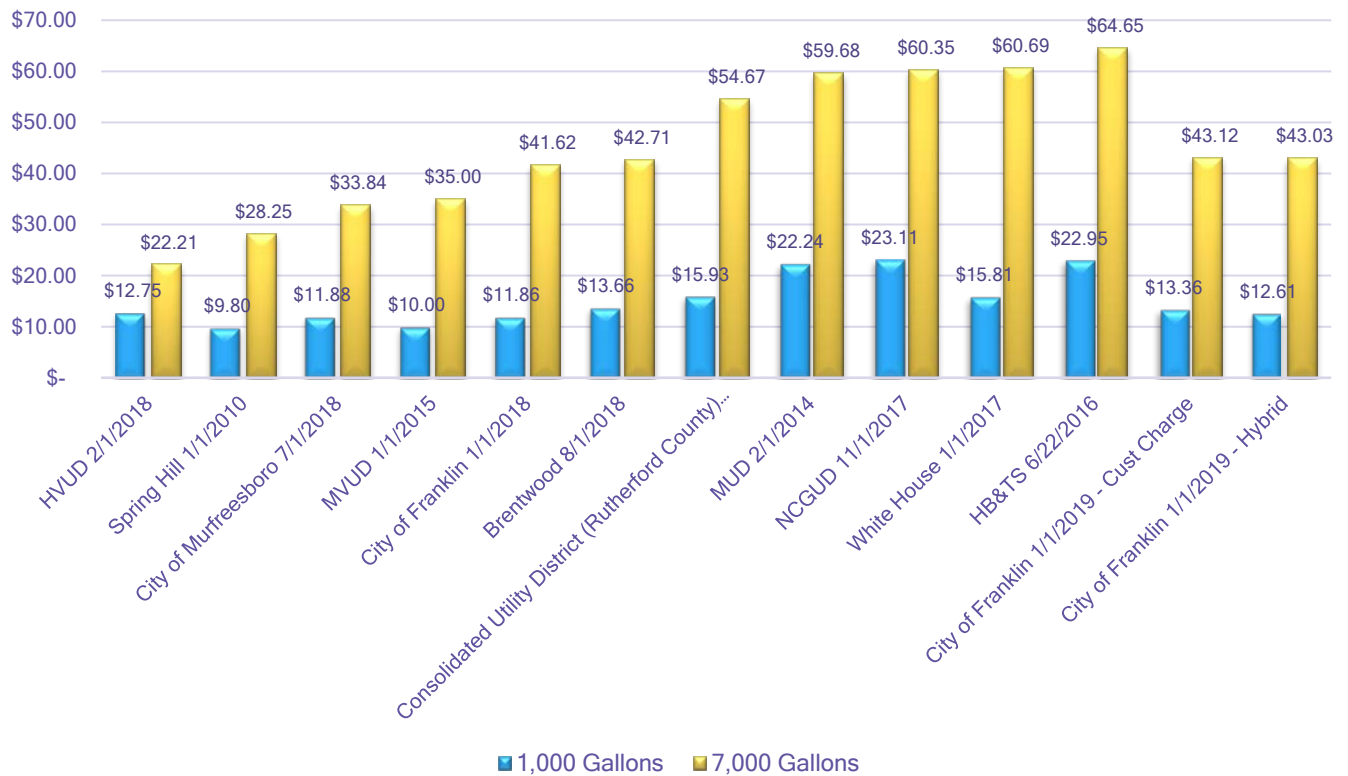


RATE SURVEY

Staff has conducted a rate survey of various Middle Tennessee municipalities and utility districts and has compiled the available information. While the City does not have the lowest rates in either water or sanitary sewer, it does remain very competitive. The results of this survey are presented below.



Water Rate Comparison and Effective Date of Rate



APPENDIX A

Water Cost of Service Study
12 Months Ending 6/30/2017
City of Franklin, TN

Summary

City of Franklin, TN

Water Cost of Service- 12-Months Ending June 2017

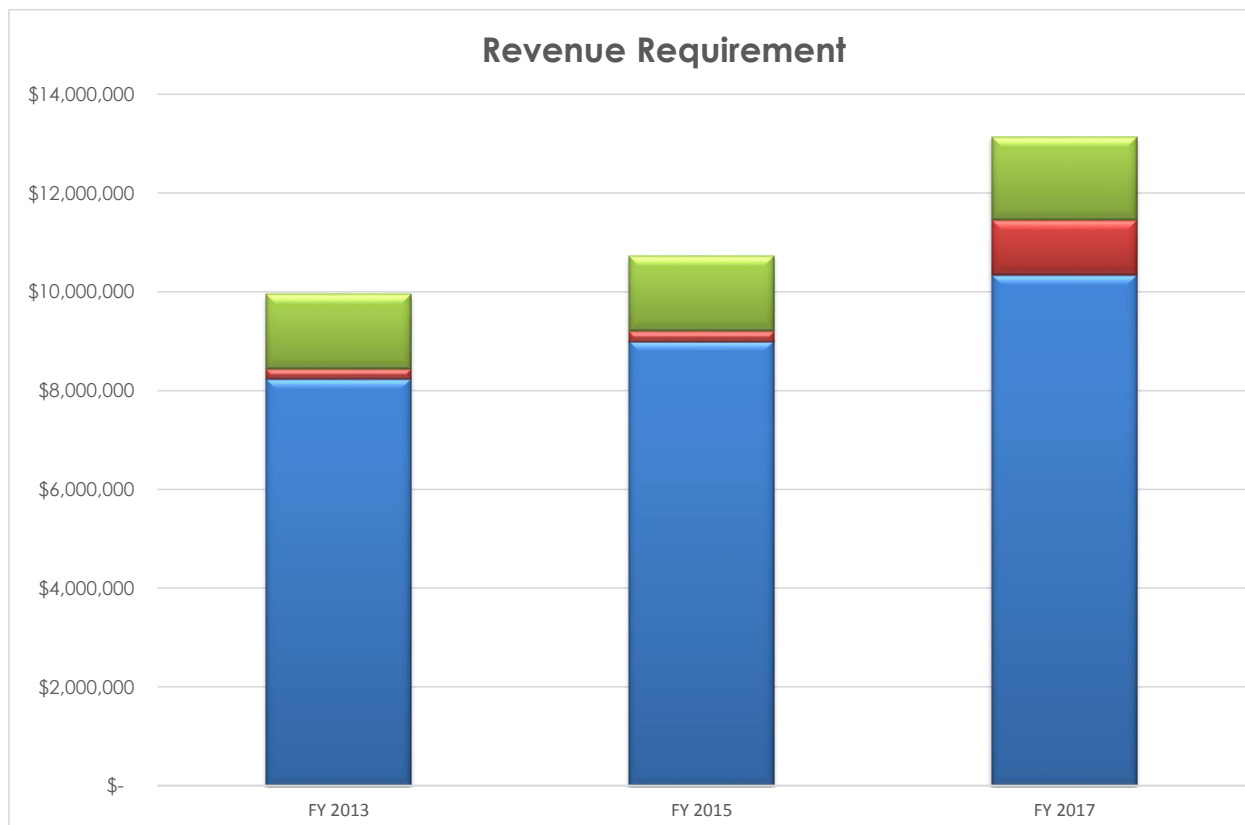
Summary of Cost of Service Allocation

[Main Menu](#)

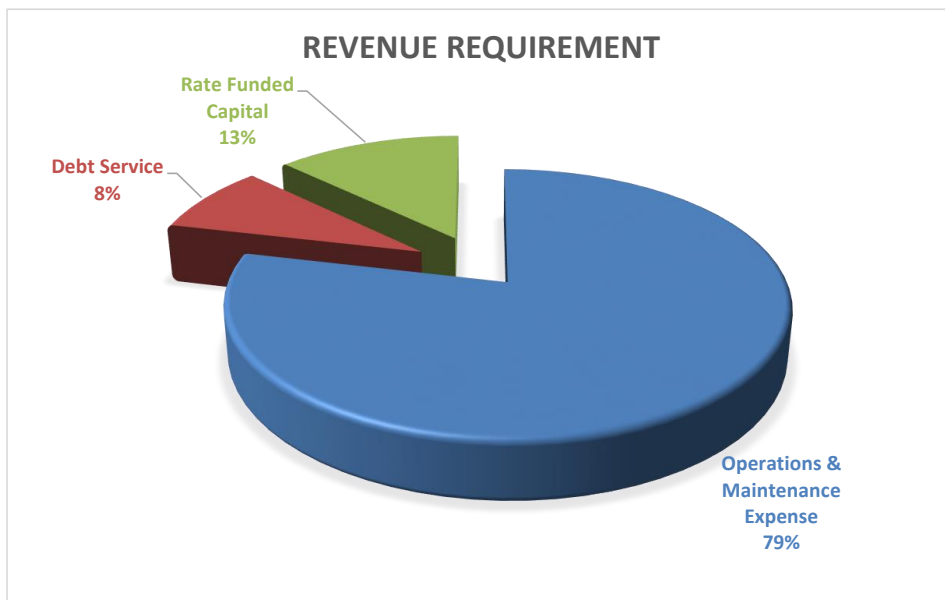
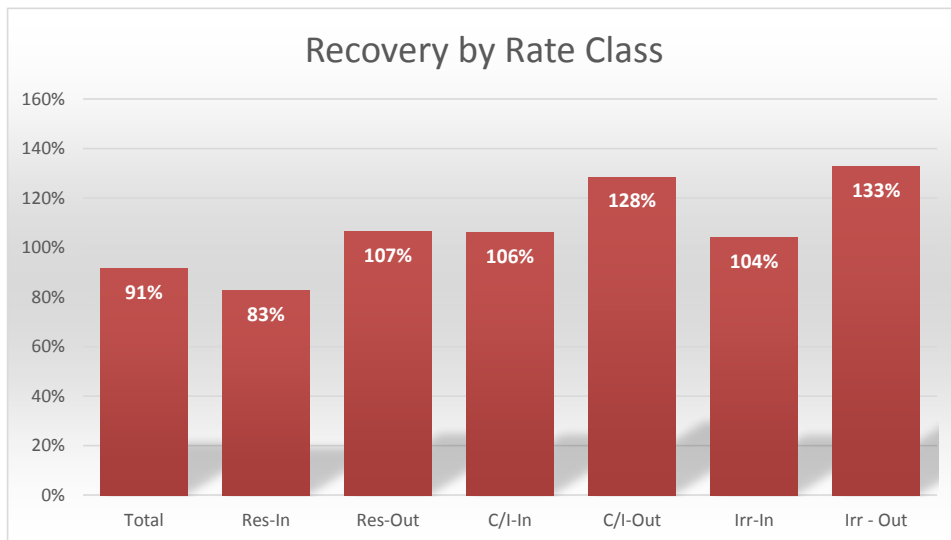
	Total	1 Res-In	2 Res-Out	3 C/I-In	4 C/I-Out	5 Irr-In	6 Irr - Out	Total
TOTAL REV. REQ.								
Operations & Maintenance Expense	\$ 10,330,759	\$ 6,700,480	\$ 1,391,119	\$ 1,510,890	\$ 120,126	\$ 520,545	\$ 87,600	\$ 10,330,759
Plus: Debt Service	\$ 1,119,854	\$ 674,329	\$ 144,600	\$ 197,435	\$ 16,476	\$ 75,323	\$ 11,691	\$ 1,119,854
Plus: Rate Funded Capital	\$ 1,684,880	\$ 1,095,496	\$ 229,495	\$ 234,524	\$ 20,168	\$ 89,959	\$ 15,239	\$ 1,684,880
Total Revenue Requirement	\$ 13,135,493	\$ 8,470,305	\$ 1,765,213	\$ 1,942,849	\$ 156,770	\$ 685,826	\$ 114,530	\$ 13,135,493
Less: Other Revenue	\$ 810,982	\$ 620,457	\$ 121,698	\$ 50,982	\$ 3,408	\$ 10,801	\$ 3,636	\$ 810,982
Rate Requirement	\$ 12,324,511	\$ 7,849,848	\$ 1,643,515	\$ 1,891,867	\$ 153,363	\$ 675,025	\$ 110,893	\$ 12,324,511
Annual Sales (Kgal)	1,659,039	999,398	212,343	301,506	23,860	105,648	16,284	1,659,039
Rate Rev. Req./Kgal	\$ 7.43	\$ 7.85	\$ 7.74	\$ 6.27	\$ 6.43	\$ 6.39	\$ 6.81	\$ 7.43
Rate Rev. Req./Customer	\$ 56.54	\$ 46.63	\$ 49.92	\$ 150.91	\$ 187.94	\$ 280.21	\$ 119.88	\$ 56.54
CUSTOMER	Total	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Operations & Maintenance Expense	\$ 2,861,175	\$ 2,209,946	\$ 432,197	\$ 164,556	\$ 10,711	\$ 31,622	\$ 12,142	\$ 2,861,175
Plus: Debt Service	\$ 1,119,854	\$ 674,329	\$ 144,600	\$ 197,435	\$ 16,476	\$ 75,323	\$ 11,691	\$ 1,119,854
Plus: Rate Funded Capital	\$ 513,487	\$ 396,613	\$ 77,565	\$ 29,532	\$ 1,922	\$ 5,675	\$ 2,179	\$ 513,487
Total Revenue Requirement	\$ 4,494,516	\$ 3,280,888	\$ 654,361	\$ 391,524	\$ 29,110	\$ 112,620	\$ 26,012	\$ 4,494,516
Less: Other Revenue	\$ 810,982	\$ 620,457	\$ 121,698	\$ 50,982	\$ 3,408	\$ 10,801	\$ 3,636	\$ 810,982
Rate Requirement	\$ 3,683,534	\$ 2,660,430	\$ 532,664	\$ 340,543	\$ 25,702	\$ 101,819	\$ 22,376	\$ 3,683,534
Annual Billings	217,966	168,355	32,925	12,536	816	2,409	925	217,966
Calculated Customer Charge	\$ 15.80	\$ 16.18	\$ 27.17	\$ 31.50	\$ 42.27	\$ 24.19		
CONSUMPTION	Total	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Operations & Maintenance Expense	\$ 7,469,584	\$ 4,490,534	\$ 958,922	\$ 1,346,334	\$ 109,415	\$ 488,922	\$ 75,458	\$ 7,469,584
Plus: Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Plus: Rate Funded Capital	\$ 1,171,393	\$ 698,883	\$ 151,930	\$ 204,991	\$ 18,246	\$ 84,283	\$ 13,060	\$ 1,171,393
Total Revenue Requirement	\$ 8,640,977	\$ 5,189,417	\$ 1,110,852	\$ 1,551,325	\$ 127,661	\$ 573,206	\$ 88,517	\$ 8,640,977
Less: Other Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate Requirement	\$ 8,640,977	\$ 5,189,417	\$ 1,110,852	\$ 1,551,325	\$ 127,661	\$ 573,206	\$ 88,517	\$ 8,640,977
Calculated Water Rate (Kgal)	\$ 5.19	\$ 5.23	\$ 5.15	\$ 5.35	\$ 5.43	\$ 5.44		
Total	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total	
Current Rate Revenue	\$ 11,192,969	\$ 6,375,892	\$ 1,759,189	\$ 2,008,467	\$ 197,943	\$ 703,047	\$ 148,430	\$ 11,192,969
Over/(Under) Recovery	\$ (1,131,543)	\$ (1,473,956)	\$ 115,674	\$ 116,600	\$ 44,581	\$ 28,022	\$ 37,536	\$ (1,131,543)
Total Revenue	\$ 12,003,951	\$ 6,996,350	\$ 1,880,887	\$ 2,059,449	\$ 201,351	\$ 713,848	\$ 152,066	\$ 12,003,951
Over/(Under) Recovery	\$ (1,131,543)	\$ (1,473,956)	\$ 115,674	\$ 116,600	\$ 44,581	\$ 28,022	\$ 37,536	\$ (1,131,543)

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Summary of Cost of Service Allocation
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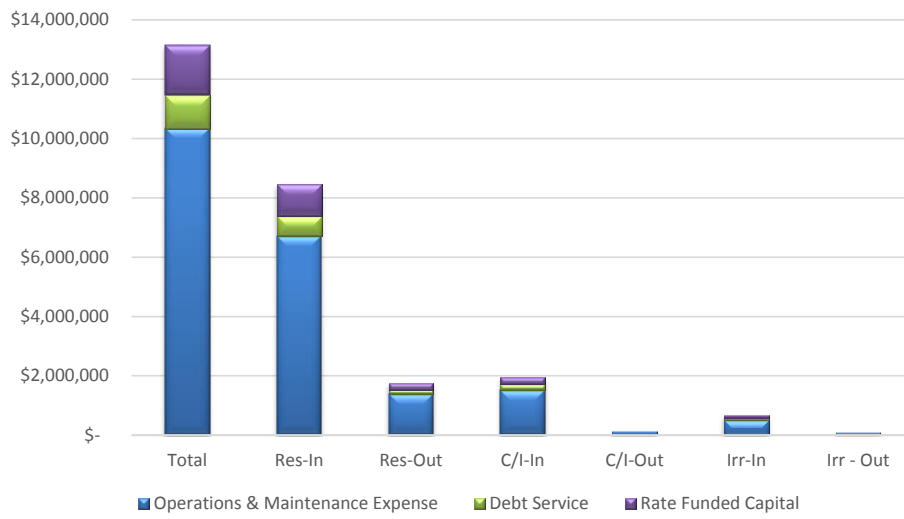
TOTAL REV. REQ.	FY 2013	FY 2015	FY 2017	Diff. (\$)	Diff. (%)
Operations & Maintenance Expense	\$ 8,233,657	\$ 8,991,205	\$ 10,330,759	\$ 1,339,554	14.9%
Plus: Debt Service	\$ 209,821	\$ 209,829	\$ 1,119,854	\$ 910,025	433.7%
Plus: Rate Funded Capital	\$ 1,509,292	\$ 1,520,018	\$ 1,684,880	\$ 164,862	10.8%
Total Revenue Requirement	\$ 9,952,770	\$ 10,721,052	\$ 13,135,493	\$ 2,414,441	22.5%
Less: Other Revenue	\$ 752,431	\$ 743,238	\$ 810,982	\$ 67,744	9.1%
Rate Requirement	\$ 9,200,339	\$ 9,977,814	\$ 12,324,511	\$ 2,346,697	23.5%
Annual Sales (kGal)	1,580,530	1,533,969	1,659,039	125,070	8.2%
Rate Requirement per kGal	\$ 5.82	\$ 6.50	\$ 7.43	\$ 0.92	14.2%
Operations & Maintenance Expense	\$ 5.21	\$ 5.86	\$ 6.23	\$ 0.37	6.2%
Plus: Debt Service	\$ 0.13	\$ 0.14	\$ 0.68	\$ 0.54	393.5%
Plus: Rate Funded Capital	\$ 0.95	\$ 0.99	\$ 1.02	\$ 0.02	2.5%
Total Revenue Requirement	\$ 6.30	\$ 6.99	\$ 7.92	\$ 0.93	13.3%
Less: Other Revenue	\$ 0.48	\$ 0.48	\$ 0.49	\$ 0.00	0.9%
Rate Requirement	\$ 5.82	\$ 6.50	\$ 7.43	\$ 0.92	14.2%



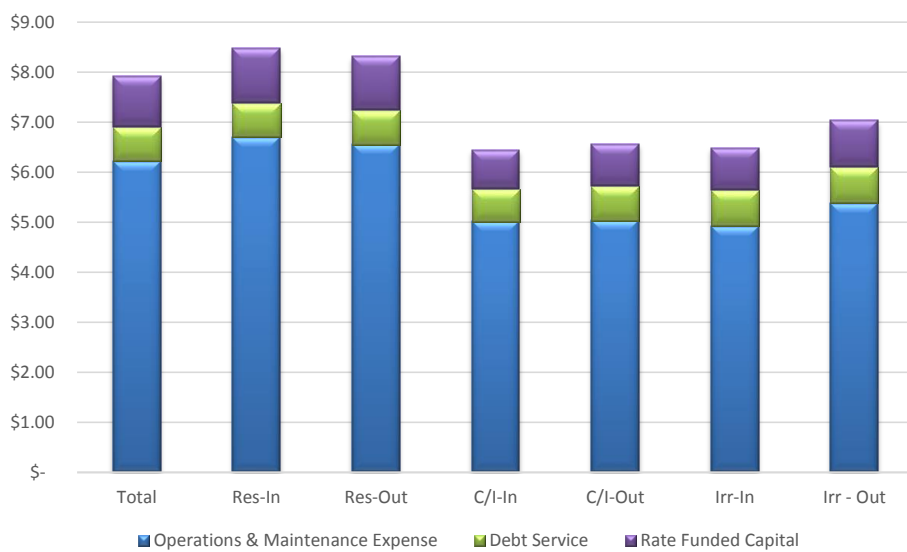
City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Summary of Results
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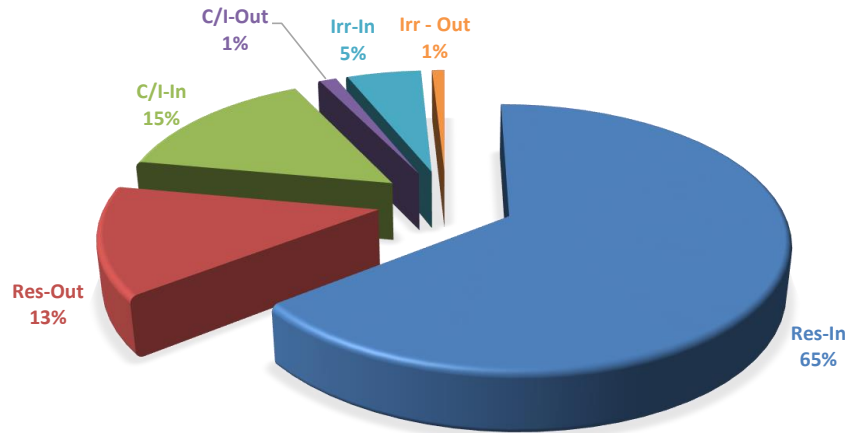
Rev. Req. by Rate Class



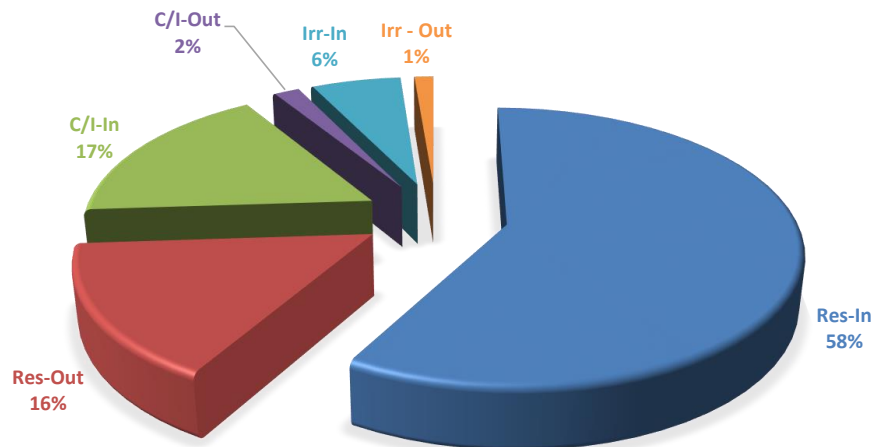
Rev. Req./Kgal



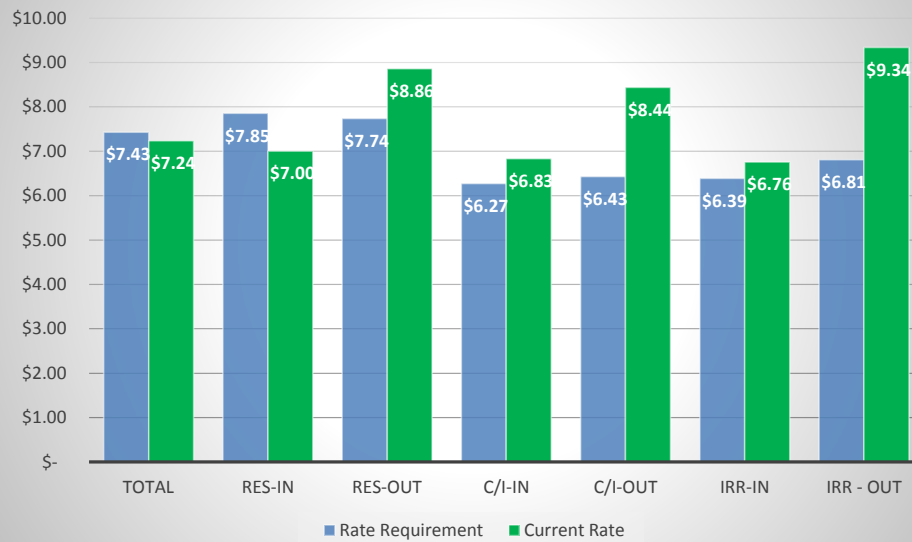
REVENUE REQUIREMENT BY CLASS



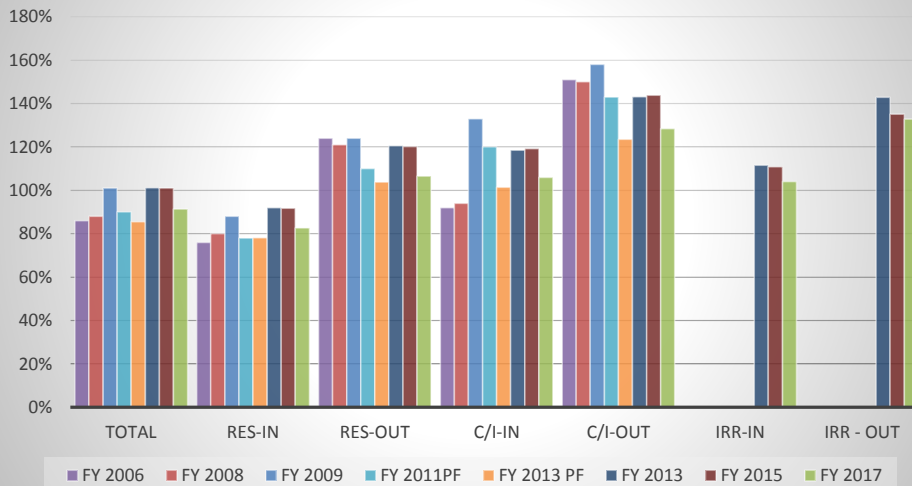
CURRENT REVENUE



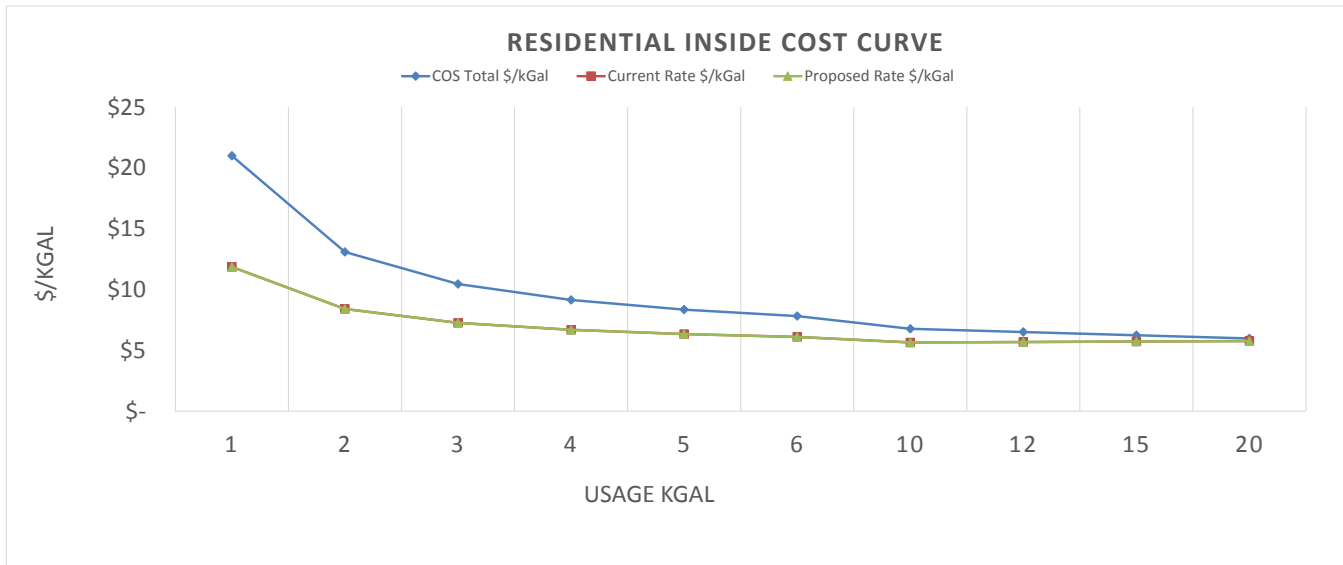
Comparison on kGal Basis



Historical Recovery

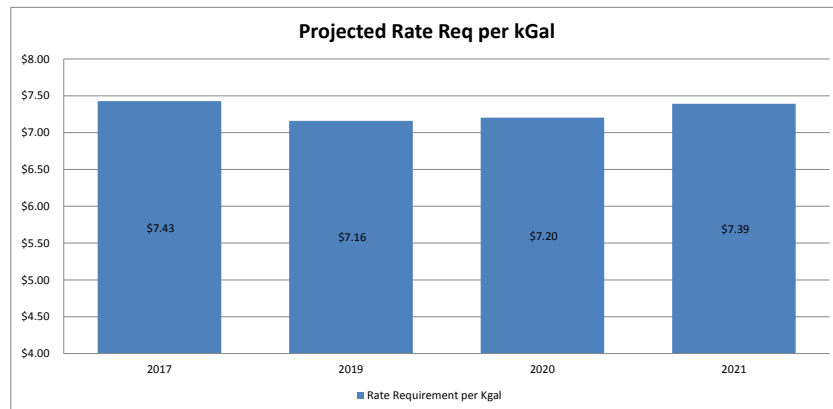
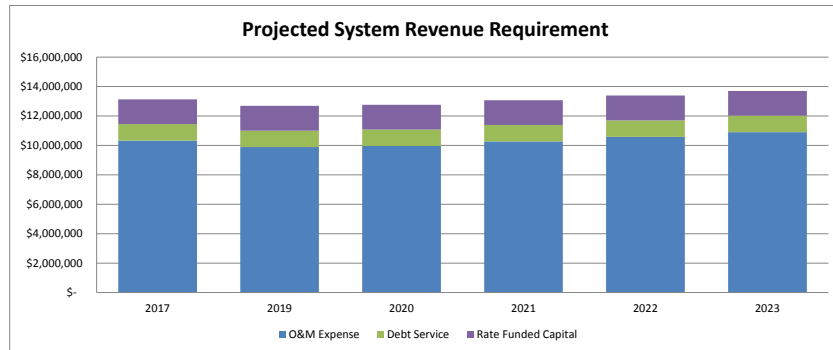


	Cost of Service	Current Rate	Proposed Rate	Difference
Customer Charge (includes 1,000 Gal)	\$ 15.80	\$ 11.86	\$ 11.86	\$ -
Next 9,000 Gallons	\$ 5.19	\$ 4.96	\$ 4.96	\$ -
Next 15,000 Gallons		\$ 5.89	\$ 5.89	\$ -
All Additional Usage		\$ 6.82	\$ 6.82	\$ -



Usage	COS Rates	Current Rates	Proposed Rates	Monthly Change	Daily Change	Current \$/kGal	Proposed \$/kGal
1	\$ 20.99	\$ 11.86	\$ 11.86	\$ -	\$ -	\$ 11.86	\$ 11.86
2	\$ 26.18	\$ 16.82	\$ 16.82	\$ -	\$ -	\$ 8.41	\$ 8.41
3	\$ 31.37	\$ 21.78	\$ 21.78	\$ -	\$ -	\$ 7.26	\$ 7.26
4	\$ 36.56	\$ 26.74	\$ 26.74	\$ -	\$ -	\$ 6.69	\$ 6.69
5	\$ 41.75	\$ 31.70	\$ 31.70	\$ -	\$ -	\$ 6.34	\$ 6.34
6	\$ 46.94	\$ 36.66	\$ 36.66	\$ -	\$ -	\$ 6.11	\$ 6.11
10	\$ 67.70	\$ 56.50	\$ 56.50	\$ -	\$ -	\$ 5.65	\$ 5.65
12	\$ 78.08	\$ 68.28	\$ 68.28	\$ -	\$ -	\$ 5.69	\$ 5.69
15	\$ 93.65	\$ 85.95	\$ 85.95	\$ -	\$ -	\$ 5.73	\$ 5.73
20	\$ 119.60	\$ 115.40	\$ 115.40	\$ -	\$ -	\$ 5.77	\$ 5.77
Average Usage		5,936					

Additional Customer Revenue	\$ -
Additional Usage Revenue	\$ -
	\$ -
Current Recovery	\$ (1,473,956)



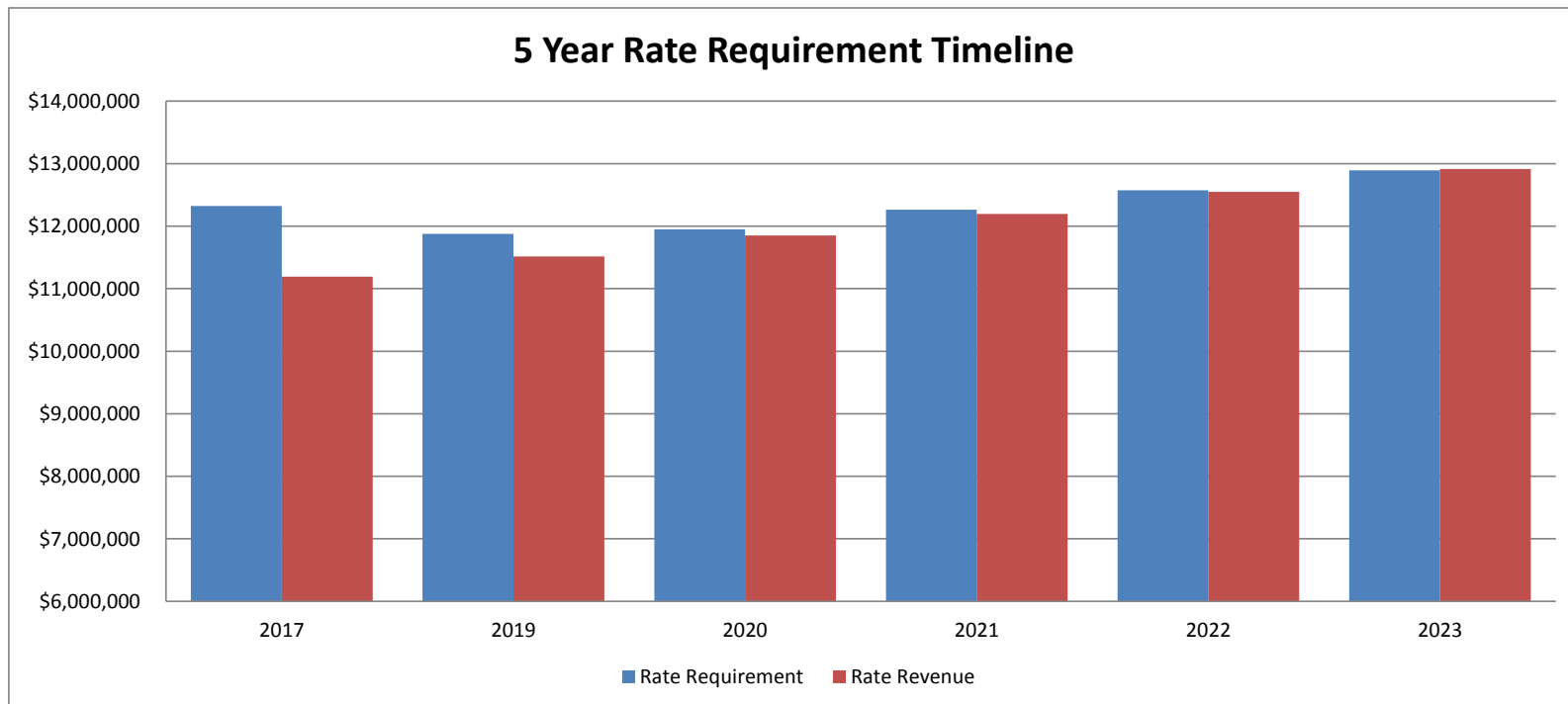
Projected Revenue Requirements

Revenue Requirement	2017	2019	2020	2021	2022	2023
O&M Expense	\$ 10,330,759	\$ 9,886,873	\$ 9,960,106	\$ 10,273,480	\$ 10,583,467	\$ 10,903,915
Debt Service	\$ 1,119,854	\$ 1,116,799	\$ 1,116,799	\$ 1,115,308	\$ 1,118,158	\$ 1,115,646
Rate Funded Capital	\$ 1,684,880	\$ 1,684,880	\$ 1,684,880	\$ 1,684,880	\$ 1,684,880	\$ 1,684,880
Total Revenue Requirement	\$ 13,135,493	\$ 12,688,552	\$ 12,761,785	\$ 13,073,668	\$ 13,386,505	\$ 13,704,441
Less: Other Revenue	\$ 810,982	\$ 810,982	\$ 810,982	\$ 810,982	\$ 810,982	\$ 810,982
Rate Requirement	\$ 12,324,511	\$ 11,877,570	\$ 11,950,803	\$ 12,262,686	\$ 12,575,523	\$ 12,893,459
Annual Sales (Kgal)	1,659,039	1,659,039	1,659,039	1,659,039	1,659,039	1,659,039
Rate Requirement per Kgal	\$ 7.43	\$ 7.16	\$ 7.20	\$ 7.39	\$ 7.58	\$ 7.77

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Revenue Requirement Timeline
5 Year Approach

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		Rate Requirement	% Change	\$ Change	Rate Revenue	Proposed Rate Change	Additional Revenue	Revenue - Requirement
Actual	2017	\$ 12,324,511			\$ 11,192,969			\$ (1,131,543)
Budget	2019	\$ 11,877,570	-3.6%	\$ (446,941)	\$ 11,517,565	2.90%	\$ 324,596	\$ (360,005)
Budget	2020	\$ 11,950,803	0.6%	\$ 73,233	\$ 11,851,574	2.90%	\$ 334,009	\$ (99,229)
Budget	2021	\$ 12,262,686	2.6%	\$ 311,883	\$ 12,195,270	2.90%	\$ 343,696	\$ (67,416)
Budget	2022	\$ 12,575,523	2.6%	\$ 312,837	\$ 12,548,933	2.90%	\$ 353,663	\$ (26,590)
Budget	2023	\$ 12,893,459	2.5%	\$ 317,936	\$ 12,912,852	2.90%	\$ 363,919	\$ 19,393



Billing Data

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Customer Billing Data

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Customer Billings	1,13,14 Res-In	2,23 Res-Out	3,12 C/I-In	4,22 C/I-Out	1,3 Irr-In	2,4 Irr - Out	Total
Jan-17	14,058	2,749	1,043	68	201	77	18,196
Feb-17	14,089	2,746	1,045	68	202	77	18,227
Mar-17	14,108	2,754	1,056	68	202	77	18,265
Apr-17	14,104	2,746	1,053	68	203	77	18,251
May-17	14,131	2,750	1,056	68	206	77	18,288
Jun-17	14,100	2,759	1,058	68	208	78	18,271
Jul-16	13,926	2,732	1,033	68	195	77	18,031
Aug-16	13,892	2,727	1,032	68	196	78	17,993
Sep-16	13,914	2,743	1,039	68	197	76	18,037
Oct-16	13,952	2,726	1,033	68	197	78	18,054
Nov-16	14,030	2,747	1,040	68	201	76	18,162
Dec-16	14,051	2,746	1,048	68	201	77	18,191
Total Customers	168,355	32,925	12,536	816	2,409	925	217,966
Retail Customers	168,355	32,925	12,536	816	2,409	925	217,966
Comm & Ind		32,925	12,536	816			46,277
Weighting Factor	2.00	1.00	1.00	1.00	1.00	1.00	
Weighted Customers	336,710	32,925	12,536	816	2,409	925	386,321

AF

21	Total Customers	77%	15%	6%	0%	1%	0%	100%
22	Retail Customers	77%	15%	6%	0%	1%	0%	100%
24	Comm & Ind	0%	71%	27%	2%	0%	0%	100%
25	Weighted Customers	87%	9%	3%	0%	1%	0%	100%

City of Franklin, TN

Water Cost of Service-12-Months Ending June 2017

Water Billing Data

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Water Billings (Gals)	1,13,14 Res-In	2,23 Res-Out	3,12 C/I-In	4,22 C/I-Out	1,3 Irr-In	2,4 Irr - Out	Total	Production
Jan-17	75,176,611	14,481,025	21,904,978	775,800	881,780	64,200	113,284,394	168,374,000
Feb-17	62,530,906	11,560,511	22,274,912	1,145,684	554,647	51,200	98,117,860	105,131,000
Mar-17	59,968,385	11,441,990	20,589,998	1,354,884	447,810	56,400	93,859,467	151,329,000
Apr-17	62,093,720	10,187,349	21,822,371	1,048,190	1,465,970	51,300	96,668,900	156,751,000
May-17	73,206,662	14,485,856	22,727,526	1,639,900	4,148,990	381,900	116,590,834	179,688,000
Jun-17	80,965,525	16,005,598	25,017,632	1,767,300	7,899,920	714,400	132,370,375	167,852,000
Jul-16	102,431,210	22,219,366	28,971,805	2,120,200	17,384,484	2,392,450	175,519,515	202,343,000
Aug-16	88,807,778	22,541,695	25,891,495	2,289,900	15,891,123	2,554,000	157,975,991	194,852,000
Sep-16	89,942,677	19,921,754	26,790,008	2,180,800	13,136,680	1,735,700	153,707,619	202,922,000
Oct-16	102,832,875	20,997,065	28,352,031	3,457,900	15,850,950	2,275,554	173,766,375	221,197,000
Nov-16	106,485,000	25,231,944	28,543,024	3,642,100	20,579,870	3,215,300	187,697,238	173,434,000
Dec-16	94,957,107	23,269,015	28,620,073	2,437,400	7,405,460	2,791,440	159,480,495	193,024,000
Total Water Sales	999,398,456	212,343,168	301,505,853	23,860,058	105,647,684	16,283,844	1,659,039,063	2,116,897,000
1-CP	106,485,000	25,231,944	28,543,024	3,642,100	20,579,870	3,215,300	187,697,238	
12-NCP	106,485,000	25,231,944	28,971,805	3,642,100	20,579,870	3,215,300	188,126,019	
Average Production	5,799,718							
Whls Weighting Factor	2.00	1.00	1.00	1.00	1.00	1.00		
Weighted Usage	1,998,796,912	212,343,168	301,505,853	23,860,058	105,647,684	16,283,844	2,658,437,519	
CP Production	102,832,875	20,997,065	28,352,031	3,457,900	15,850,950	2,275,554	173,766,375	
Summer Allocation	435,353,852	95,174,269	129,398,466	9,998,100	58,461,197	7,778,450	736,164,334	

AE

30	Total Water Sales	60%	13%	18%	1%	6%	1%	100%
31	Retail Water Sales	60%	13%	18%	1%	6%	1%	100%
33	1-CP	57%	13%	15%	2%	11%	2%	100%
34	12-NCP	57%	13%	15%	2%	11%	2%	100%
35	Weighted Usage	75%	8%	11%	1%	4%	1%	100%
36	CP Production	59%	12%	16%	2%	9%	1%	100%

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Average Usage per Customer

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	1	2	3	4	5	6
	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out
Jan-17	5,348	5,268	21,002	11,409	4,387	834
Feb-17	4,438	4,210	21,316	16,848	2,746	665
Mar-17	4,251	4,155	19,498	19,925	2,217	732
Apr-17	4,403	3,710	20,724	15,415	7,222	666
May-17	5,181	5,268	21,522	24,116	20,141	4,960
Jun-17	5,742	5,801	23,646	25,990	37,980	9,159
Jul-16	7,355	8,133	28,046	31,179	89,151	31,071
Aug-16	6,393	8,266	25,089	33,675	81,077	32,744
Sep-16	6,464	7,263	25,784	32,071	66,684	22,838
Oct-16	7,370	7,703	27,446	50,851	80,462	29,174
Nov-16	7,590	9,185	27,445	53,560	102,387	42,307
Dec-16	6,758	8,474	27,309	35,844	36,843	36,252
Average	5,936	6,449	24,051	29,240	43,855	17,617
Summer Average (Jun-Oct)	6,663	7,429	25,991	34,753	70,658	24,997
Winter Average	5,422	5,752	22,679	25,302	25,060	12,345

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Revenue Billing Data
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Revenue Billings	1,13,14 Res-In	2,23 Res-Out	3,12 C/I-In	4,22 C/I-Out	1,3 Irr-In	2,4 Irr - Out	Total
Jan-17	\$ 487,327	\$ 122,087	\$ 148,449	\$ 6,957	\$ 8,883	\$ 2,097	\$ 775,800
Feb-17	\$ 427,077	\$ 100,966	\$ 151,176	\$ 10,134	\$ 6,964	\$ 2,039	\$ 698,357
Mar-17	\$ 437,636	\$ 104,907	\$ 143,833	\$ 12,136	\$ 6,450	\$ 2,088	\$ 707,050
Apr-17	\$ 448,248	\$ 95,849	\$ 151,715	\$ 9,580	\$ 12,831	\$ 2,160	\$ 720,384
May-17	\$ 492,902	\$ 122,249	\$ 153,108	\$ 13,315	\$ 28,688	\$ 4,709	\$ 814,971
Jun-17	\$ 544,442	\$ 139,369	\$ 171,868	\$ 15,612	\$ 52,971	\$ 7,317	\$ 931,578
Jul-16	\$ 653,413	\$ 187,839	\$ 200,486	\$ 18,636	\$ 117,399	\$ 21,197	\$ 1,198,969
Aug-16	\$ 579,874	\$ 190,493	\$ 180,191	\$ 19,608	\$ 107,151	\$ 22,623	\$ 1,099,940
Sep-16	\$ 584,343	\$ 169,933	\$ 186,048	\$ 18,766	\$ 88,484	\$ 15,661	\$ 1,063,236
Oct-16	\$ 655,041	\$ 178,088	\$ 196,099	\$ 28,681	\$ 106,998	\$ 20,309	\$ 1,185,216
Nov-16	\$ 676,780	\$ 212,055	\$ 196,861	\$ 30,352	\$ 139,219	\$ 28,421	\$ 1,283,687
Dec-16	\$ 607,527	\$ 195,703	\$ 197,531	\$ 20,957	\$ 51,126	\$ 24,903	\$ 1,097,746
Total Revenue	\$6,594,612	\$1,819,537	\$2,077,366	\$204,734	\$727,164	\$153,522	\$ 11,576,934
							Booked Revenue
							\$ 11,192,969

AE

50 Total Revenue 57% 16% 18% 2% 6% 1% 100%

City of Franklin, TN

Water Cost of Service-12-Months Ending June 2017

Revenue per Kgal

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	1,13,14	2,23	3,12	4,22	1,3	2,4
	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out
Jan-17	\$ 6.48	\$ 8.43	\$ 6.78	\$ 8.97	\$10.07	\$ 32.66
Feb-17	\$ 6.83	\$ 8.73	\$ 6.79	\$ 8.85	\$12.56	\$ 39.82
Mar-17	\$ 7.30	\$ 9.17	\$ 6.99	\$ 8.96	\$14.40	\$ 37.01
Apr-17	\$ 7.22	\$ 9.41	\$ 6.95	\$ 9.14	\$ 8.75	\$ 42.11
May-17	\$ 6.73	\$ 8.44	\$ 6.74	\$ 8.12	\$ 6.91	\$ 12.33
Jun-17	\$ 6.72	\$ 8.71	\$ 6.87	\$ 8.83	\$ 6.71	\$ 10.24
Jul-16	\$ 6.38	\$ 8.45	\$ 6.92	\$ 8.79	\$ 6.75	\$ 8.86
Aug-16	\$ 6.53	\$ 8.45	\$ 6.96	\$ 8.56	\$ 6.74	\$ 8.86
Sep-16	\$ 6.50	\$ 8.53	\$ 6.94	\$ 8.61	\$ 6.74	\$ 9.02
Oct-16	\$ 6.37	\$ 8.48	\$ 6.92	\$ 8.29	\$ 6.75	\$ 8.92
Nov-16	\$ 6.36	\$ 8.40	\$ 6.90	\$ 8.33	\$ 6.76	\$ 8.84
Dec-16	\$ 6.40	\$ 8.41	\$ 6.90	\$ 8.60	\$ 6.90	\$ 8.92
Average	\$ 6.60	\$ 8.57	\$ 6.89	\$ 8.58	\$ 6.88	\$18.97

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of Other Revenues
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	Actual	Adj.	Test Yr.		Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total		Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total	
Operating Income												Cust								
Penalties	\$ 289,981		\$ 289,981	21	\$ 223,979	\$ 43,803	\$ 16,678	\$ 1,086	\$ 3,205	\$ 1,231	\$ 289,981	* 100%	\$ 223,979	\$ 43,803	\$ 16,678	\$ 1,086	\$ 3,205	\$ 1,231	\$ 289,981	
Installation Fees	\$ 89,682		\$ 89,682	21	\$ 69,270	\$ 13,547	\$ 5,158	\$ 336	\$ 991	\$ 381	\$ 89,682	* 100%	\$ 69,270	\$ 13,547	\$ 5,158	\$ 336	\$ 991	\$ 381	\$ 89,682	
Inspection Fees	\$ 78,595		\$ 78,595	21	\$ 60,706	\$ 11,872	\$ 4,520	\$ 294	\$ 869	\$ 334	\$ 78,595	* 100%	\$ 60,706	\$ 11,872	\$ 4,520	\$ 294	\$ 869	\$ 334	\$ 78,595	
Misc Service Revenue	\$ 91,168		\$ 91,168	21	\$ 70,417	\$ 13,771	\$ 5,243	\$ 341	\$ 1,008	\$ 387	\$ 91,168	* 100%	\$ 70,417	\$ 13,771	\$ 5,243	\$ 341	\$ 1,008	\$ 387	\$ 91,168	
Rental Income	\$ 24,000		\$ 24,000	21	\$ 18,537	\$ 3,625	\$ 1,380	\$ 90	\$ 265	\$ 102	\$ 24,000	* 100%	\$ 18,537	\$ 3,625	\$ 1,380	\$ 90	\$ 265	\$ 102	\$ 24,000	
Developer Contributions	\$ 762,765	\$ (762,765)	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	* 100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Sale of Surplus Assets	\$ 54,690		\$ 54,690	21	\$ 42,242	\$ 8,261	\$ 3,145	\$ 205	\$ 604	\$ 232	\$ 54,690	* 100%	\$ 42,242	\$ 8,261	\$ 3,145	\$ 205	\$ 604	\$ 232	\$ 54,690	
Service Charges	\$ 147,937		\$ 147,937	21	\$ 114,265	\$ 22,347	\$ 8,508	\$ 554	\$ 1,635	\$ 628	\$ 147,937	* 100%	\$ 114,265	\$ 22,347	\$ 8,508	\$ 554	\$ 1,635	\$ 628	\$ 147,937	
Contributions - Others	\$ (4,767)	\$ 4,767	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	* 100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
System Development Fee	\$ 256,935	\$ (256,935)	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	* 100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Access Fee	\$ 200,147	\$ (200,147)	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	* 100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Subtotal Operating	\$ 1,991,133	\$ (1,215,080)	\$ 776,052		\$ 599,416	\$ 117,227	\$ 44,634	\$ 2,905	\$ 8,577	\$ 3,293	\$ 776,052	*	\$ 599,416	\$ 117,227	\$ 44,634	\$ 2,905	\$ 8,577	\$ 3,293	\$ 776,052	
Non-Operating Income																				
Interest Income	\$ 34,930	\$ -	\$ 34,930	30	\$ 21,042	\$ 4,471	\$ 6,348	\$ 502	\$ 2,224	\$ 343	\$ 34,930	* 100%	\$ 21,042	\$ 4,471	\$ 6,348	\$ 502	\$ 2,224	\$ 343	\$ 34,930	
Subtotal Non-Operating	\$ 34,930	\$ -	\$ 34,930		\$ 21,042	\$ 4,471	\$ 6,348	\$ 502	\$ 2,224	\$ 343	\$ 34,930	*	\$ 21,042	\$ 4,471	\$ 6,348	\$ 502	\$ 2,224	\$ 343	\$ 34,930	
Total Other Revenue	\$ 2,026,062	\$ (1,215,080)	\$ 810,982		\$ 620,457	\$ 121,698	\$ 50,982	\$ 3,408	\$ 10,801	\$ 3,636	\$ 810,982	*	\$ 620,457	\$ 121,698	\$ 50,982	\$ 3,408	\$ 10,801	\$ 3,636	\$ 810,982	
					77%	15%	6%	0%	1%	0%	100%									

Allocation Factors

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation Factors

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										1,126,313,604		532,725,459		1,659,039,063				
										Base		Ex-Cap		Cust	FP	RR	Total	
CUSTOMER										Load Curve		68%	32%					100%
										MSC		54%	25%	21%				100%
Res-In	1	100%	0%	0%	0%	0%	0%	100%	*	FP	58%	27%	15%				100%	
Res-Out	2	0%	100%	0%	0%	0%	0%	100%	*	All	44%	21%	21%	15%			100%	
C/I-In	3	0%	0%	100%	0%	0%	0%	100%	*									
C/I-Out	4	0%	0%	0%	100%	0%	0%	100%	*									
Irr-In	5	0%	0%	0%	0%	100%	0%	100%	*									
Irr - Out	6	0%	0%	0%	0%	0%	100%	100%	*									
Total Customers	21	77%	15%	6%	0%	1%	0%	100%	*	Avg Day		Capacity						
Retail Customers	22	77%	15%	6%	0%	1%	0%	100%	*	Capacity (MGD)		0.78	2.40					
Comm & Ind	24	0%	71%	27%	2%	0%	0%	100%	*									
Weighted Customers	25	87%	9%	3%	0%	1%	0%	100%	*	Production Curve		33%	67%					
BASE/EXTRA CAPACITY																		
Total Water Sales	30	60%	13%	18%	1%	6%	1%	100%	*									
Retail Water Sales	31	60%	13%	18%	1%	6%	1%	100%	*									
1-CP	33	57%	13%	15%	2%	11%	2%	100%	*									
12-NCP	34	57%	13%	15%	2%	11%	2%	100%	*									
Weighted Usage	35	75%	8%	11%	1%	4%	1%	100%	*									
CP Production	36	59%	12%	16%	2%	9%	1%	100%	*									
Summer Allocation	37	59%	13%	18%	1%	8%	1%	100%	*									
FIRE PROTECTION																		
Fire Protection	40	66%	13%	20%	1%	0%	0%	100%	*									
REVENUE																		
Total Revenue	50	57%	16%	18%	2%	6%	1%	100%	*									
Retail Revenue	51	57%	16%	18%	2%	6%	1%	100%	*									
PLANT																		
Treat & Dist Plant	60	63%	13%	16%	1%	6%	1%	100%	*									
General Plant	61	68%	14%	12%	1%	4%	1%	100%	*									
Total Utility Plant	62	63%	13%	15%	1%	6%	1%	100%	*									
Net Utility Plant	63	62%	13%	16%	1%	6%	1%	100%	*									
Debt Service	64	60%	13%	18%	1%	7%	1%	100%	*									

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Development of Minimum System

[Main Menu](#)

Size	Feet	\$/Foot	Extended Cost
0.75	98	\$ 3.41	\$ 334
1	367	\$ 4.45	\$ 1,634
1.5	630	\$ 7.82	\$ 4,923
2	10,359	\$ 14.31	\$ 148,237
2.25	585	\$ 8.00	\$ 4,676
3	522	\$ 12.75	\$ 6,656
4	82,260	\$ 15.91	\$ 1,308,757
6	498,333	\$ 11.73	\$ 5,845,446
8	603,190	\$ 15.96	\$ 9,626,912
10	105,791	\$ 19.84	\$ 2,098,893
12	99,237	\$ 25.45	\$ 2,525,582
14	785	\$ 33.09	\$ 25,975
16	65,080	\$ 41.06	\$ 2,672,185
18	6,591	\$ 48.06	\$ 316,763
20	52,580	\$ 56.80	\$ 2,986,522
24	43,829	\$ 76.64	\$ 3,359,087
36	20,382	\$ 166.26	\$ 3,388,669
	<u>1,590,618</u>		<u>\$ 34,321,253</u>
Miles	301		

Minimum Plant	1,590,618	\$ 4.45	\$ 7,078,250
Minimum System Percentage			21%

City of Franklin, TN

Water Cost of Service-12-Months Ending June 2017

Development of Fire Protection Allocation

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	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Customers	168,355	32,925	12,536	816	2,409	925	217,966
Flow Requirements (GPM)	1,000	1,000	2,000	2,000	-	-	
Duration	60	60	120	120	-	-	
FP Requirements (MG)	10,101	1,976	3,009	196	-	-	15,281

AF

40 Fire Protection	66%	13%	20%	1%	0%	0%	100%
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Percent Asset Sized for FP Consideration	15%
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Plant Accounts

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Classification of Plant
[Main Menu](#)

	Actual	Adj.	Test Yr.	Base	Ex-Cap	Cust	FP	Total	Description	Base	Ex-Cap	Cust	FP	Total
Treatment														
Land - Filter Plant	\$ 63,250		\$ 63,250	100%	0%	0%	0%	100%		* \$ 63,250	\$ -	\$ -	\$ -	\$ 63,250
Buildings - Filter Plant	\$ 2,835,394		\$ 2,835,394	90%	10%	0%	0%	100%	Prod Curve	* \$ 2,551,855	\$ 283,539	\$ -	\$ -	\$ 2,835,394
Filter Plant - Improvements	\$ 819,229		\$ 819,229	90%	10%	0%	0%	100%	Prod Curve	* \$ 737,306	\$ 81,923	\$ -	\$ -	\$ 819,229
Buildings - Chlorinator	\$ 76,432		\$ 76,432	100%	0%	0%	0%	100%		* \$ 76,432	\$ -	\$ -	\$ -	\$ 76,432
Subtotal Treatment	\$ 3,794,305	\$ -	\$ 3,794,305							\$ 3,428,843	\$ 365,462	\$ -	\$ -	\$ 3,794,305
				90%	10%	0%	0%	100%						
Subtotal Outside Plant	\$ 3,794,305	\$ -	\$ 3,794,305							\$ 3,428,843	\$ 365,462	\$ -	\$ -	\$ 3,794,305
				90%	10%	0%	0%	100%						
Distribution														
Buildings - Pump Stations	\$ 70,288		\$ 70,288	68%	32%	0%	0%	100%	As SLC	* \$ 47,718	\$ 22,570	\$ -	\$ -	\$ 70,288
Buildings - Booster Stations	\$ 172,196		\$ 172,196	68%	32%	0%	0%	100%	As SLC	* \$ 116,903	\$ 55,293	\$ -	\$ -	\$ 172,196
Buildings - Misc Dist	\$ 62,000		\$ 62,000	54%	25%	21%	0%	100%	As SLC, MSC	* \$ 33,411	\$ 15,803	\$ 12,787	\$ -	\$ 62,000
Improvements - Pipe	\$ 97,962		\$ 97,962	54%	25%	21%	0%	100%	As SLC, MSC	* \$ 52,790	\$ 24,969	\$ 20,203	\$ -	\$ 97,962
Improvements - Waterline	\$ 9,133,264		\$ 9,133,264	54%	25%	21%	0%	100%	As SLC, MSC	* \$ 4,921,761	\$ 2,327,902	\$ 1,883,601	\$ -	\$ 9,133,264
Meters	\$ 700,701		\$ 700,701	10%	0%	90%	0%	100%		* \$ 70,070	\$ -	\$ 630,631	\$ -	\$ 700,701
Misc Dist - Improvements	\$ 8,585,424		\$ 8,585,424	54%	25%	21%	0%	100%	As SLC, MSC	* \$ 4,626,540	\$ 2,188,268	\$ 1,770,617	\$ -	\$ 8,585,424
Relocations	\$ 1,780,970		\$ 1,780,970	0%	0%	100%	0%	100%		* \$ -	\$ -	\$ 1,780,970	\$ -	\$ 1,780,970
Hydrants	\$ 16,798		\$ 16,798	50%	0%	0%	50%	100%		* \$ 8,399	\$ -	\$ -	\$ 8,399	\$ 16,798
Taps	\$ 216,152		\$ 216,152	10%	0%	90%	0%	100%		* \$ 21,615	\$ -	\$ 194,537	\$ -	\$ 216,152
Tanks	\$ 2,904,266		\$ 2,904,266	58%	27%	0%	15%	100%	As SLC, FP	* \$ 1,675,938	\$ 792,688	\$ -	\$ 435,640	\$ 2,904,266
Transmission Lines	\$ 1,317,573		\$ 1,317,573	68%	32%	0%	0%	100%	As SLC	* \$ 894,494	\$ 423,079	\$ -	\$ -	\$ 1,317,573
Contributed Capital	\$ 18,517,694		\$ 18,517,694	44%	21%	21%	15%	100%	As SLC, MSC, FP	* \$ 8,093,136	\$ 3,827,903	\$ 3,819,000	\$ 2,777,654	\$ 18,517,694
Booster Stations	\$ 20,000		\$ 20,000	68%	32%	0%	0%	100%	As SLC	* \$ 13,578	\$ 6,422	\$ -	\$ -	\$ 20,000
Mains	\$ 5,867,083		\$ 5,867,083	68%	32%	0%	0%	100%	As SLC	* \$ 3,983,134	\$ 1,883,949	\$ -	\$ -	\$ 5,867,083
Pumps	\$ 23,386		\$ 23,386	68%	32%	0%	0%	100%	As SLC	* \$ 15,877	\$ 7,509	\$ -	\$ -	\$ 23,386
Reservoir	\$ 6,170,545		\$ 6,170,545	100%	0%	0%	0%	100%		* \$ 6,170,545	\$ -	\$ -	\$ -	\$ 6,170,545
Land - Reservoir	\$ 220,729		\$ 220,729	100%	0%	0%	0%	100%		* \$ 220,729	\$ -	\$ -	\$ -	\$ 220,729
Land - Easements	\$ 269,805		\$ 269,805	0%	0%	100%	0%	100%		* \$ -	\$ -	\$ 269,805	\$ -	\$ 269,805
Land - Tanks	\$ 2,500		\$ 2,500	58%	27%	0%	15%	100%	As SLC, FP	* \$ 1,443	\$ 682	\$ -	\$ 375	\$ 2,500
Land - Pumps	\$ 164		\$ 164	100%	0%	0%	0%	100%		* \$ 164	\$ -	\$ -	\$ -	\$ 164
Subtotal Distribution	\$ 56,149,498	\$ -	\$ 56,149,498							\$ 30,968,244	\$ 11,577,036	\$ 10,382,150	\$ 3,222,068	\$ 56,149,498
				55%	21%	18%	6%	100%						
Subtotal Treatment, Distribution	\$ 59,943,803	\$ -	\$ 59,943,803							\$ 34,397,087	\$ 11,942,498	\$ 10,382,150	\$ 3,222,068	\$ 59,943,803
				57%	20%	17%	5%	100%						
General Plant														
Buildings - General Plant	\$ 88,725		\$ 88,725	0%	0%	100%	0%	100%		* \$ -	\$ -	\$ 88,725	\$ -	\$ 88,725
Equipment & Vehicles	\$ 1,684,962		\$ 1,684,962	57%	20%	17%	5%	100%	As Outside Plt	* \$ 966,868	\$ 335,692	\$ 291,832	\$ 90,569	\$ 1,684,962
Inventory	\$ 870,049		\$ 870,049	0%	0%	100%	0%	100%		* \$ -	\$ -	\$ 870,049	\$ -	\$ 870,049
Subtotal General Plant	\$ 2,643,736	\$ -	\$ 2,643,736							\$ 966,868	\$ 335,692	\$ 1,250,606	\$ 90,569	\$ 2,643,736
				37%	13%	47%	3%	100%						
Total Utility Plant in Service	\$ 62,587,539	\$ -	\$ 62,587,539							\$ 35,363,955	\$ 12,278,190	\$ 11,632,757	\$ 3,312,637	\$ 62,587,539
				57%	20%	19%	5%	100%						
Constr. Work in Progress	\$ 14,387,248		\$ 14,387,248	90%	10%	0%	0%	100%	As Treat Plt	* \$ 13,001,488	\$ 1,385,760	\$ -	\$ -	\$ 14,387,248
Total Utility Plant	\$ 76,974,787	\$ -	\$ 76,974,787							\$ 48,365,443	\$ 13,663,950	\$ 11,632,757	\$ 3,312,637	\$ 76,974,787
				63%	18%	15%	4%	100%						
Accum. Depr.	\$ 25,999,104		\$ 25,999,104	63%	18%	15%	4%	100%	As TUP	* \$ 16,335,975	\$ 4,615,154	\$ 3,929,095	\$ 1,118,881	\$ 25,999,104
Accumulated Depreciation	\$ 25,999,104	\$ -	\$ 25,999,104							\$ 16,335,975	\$ 4,615,154	\$ 3,929,095	\$ 1,118,881	\$ 25,999,104
				63%	18%	15%	4%	100%						
Net Utility Plant	\$ 50,975,683	\$ -	\$ 50,975,683							\$ 32,029,468	\$ 9,048,797	\$ 7,703,662	\$ 2,193,756	\$ 50,975,683
				63%	18%	15%	4%	100%						

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of Base Plant
[Main Menu](#)

	Test Yr.		Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Treatment									
Land - Filter Plant	\$ 63,250	30	\$ 38,102	\$ 8,095	\$ 11,495	\$ 910	\$ 4,028	\$ 621	\$ 63,250
Buildings - Filter Plant	\$ 2,551,855	30	\$ 1,537,227	\$ 326,616	\$ 463,762	\$ 36,700	\$ 162,502	\$ 25,047	\$ 2,551,855
Filter Plant - Improvements	\$ 737,306	30	\$ 444,150	\$ 94,369	\$ 133,994	\$ 10,604	\$ 46,952	\$ 7,237	\$ 737,306
Buildings - Chlorinator	\$ 76,432	30	\$ 46,042	\$ 9,783	\$ 13,890	\$ 1,099	\$ 4,867	\$ 750	\$ 76,432
Subtotal Treatment	\$ 3,428,843		\$ 2,065,521	\$ 438,863	\$ 623,142	\$ 49,313	\$ 218,349	\$ 33,655	\$ 3,428,843
Subtotal Outside Plant	\$ 3,428,843		\$ 2,065,521	\$ 438,863	\$ 623,142	\$ 49,313	\$ 218,349	\$ 33,655	\$ 3,428,843
Distribution									
Buildings - Pump Stations	\$ 47,718	30	\$ 28,745	\$ 6,108	\$ 8,672	\$ 686	\$ 3,039	\$ 468	\$ 47,718
Buildings - Booster Stations	\$ 116,903	30	\$ 70,422	\$ 14,963	\$ 21,245	\$ 1,681	\$ 7,444	\$ 1,147	\$ 116,903
Buildings - Misc Dist	\$ 33,411	30	\$ 20,127	\$ 4,276	\$ 6,072	\$ 481	\$ 2,128	\$ 328	\$ 33,411
Improvements - Pipe	\$ 52,790	30	\$ 31,801	\$ 6,757	\$ 9,594	\$ 759	\$ 3,362	\$ 518	\$ 52,790
Improvements - Waterline	\$ 4,921,761	30	\$ 2,964,849	\$ 629,944	\$ 894,457	\$ 70,784	\$ 313,418	\$ 48,308	\$ 4,921,761
Meters	\$ 70,070	30	\$ 42,210	\$ 8,968	\$ 12,734	\$ 1,008	\$ 4,462	\$ 688	\$ 70,070
Misc Dist - Improvements	\$ 4,626,540	30	\$ 2,787,009	\$ 592,159	\$ 840,805	\$ 66,538	\$ 294,618	\$ 45,411	\$ 4,626,540
Relocations	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hydrants	\$ 8,399	30	\$ 5,059	\$ 1,075	\$ 1,526	\$ 121	\$ 535	\$ 82	\$ 8,399
Taps	\$ 21,615	30	\$ 13,021	\$ 2,767	\$ 3,928	\$ 311	\$ 1,376	\$ 212	\$ 21,615
Tanks	\$ 1,675,938	30	\$ 1,009,578	\$ 214,506	\$ 304,577	\$ 24,103	\$ 106,724	\$ 16,450	\$ 1,675,938
Transmission Lines	\$ 894,494	30	\$ 538,839	\$ 114,488	\$ 162,561	\$ 12,864	\$ 56,961	\$ 8,780	\$ 894,494
Contributed Capital	\$ 8,093,136	30	\$ 4,875,273	\$ 1,035,854	\$ 1,470,808	\$ 116,394	\$ 515,371	\$ 79,436	\$ 8,093,136
Booster Stations	\$ 13,578	30	\$ 8,179	\$ 1,738	\$ 2,468	\$ 195	\$ 865	\$ 133	\$ 13,578
Mains	\$ 3,983,134	30	\$ 2,399,424	\$ 509,808	\$ 723,876	\$ 57,285	\$ 253,646	\$ 39,095	\$ 3,983,134
Pumps	\$ 15,877	30	\$ 9,564	\$ 2,032	\$ 2,885	\$ 228	\$ 1,011	\$ 156	\$ 15,877
Reservoir	\$ 6,170,545	30	\$ 3,717,111	\$ 789,778	\$ 1,121,405	\$ 88,744	\$ 392,941	\$ 60,565	\$ 6,170,545
Land - Reservoir	\$ 220,729	30	\$ 132,966	\$ 28,251	\$ 40,114	\$ 3,174	\$ 14,056	\$ 2,167	\$ 220,729
Land - Easements	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land - Tanks	\$ 1,443	30	\$ 869	\$ 185	\$ 262	\$ 21	\$ 92	\$ 14	\$ 1,443
Land - Pumps	\$ 164	30	\$ 99	\$ 21	\$ 30	\$ 2	\$ 10	\$ 2	\$ 164
Subtotal Distribution	\$ 30,968,244		\$ 18,655,145	\$ 3,963,677	\$ 5,628,021	\$ 445,381	\$ 1,972,059	\$ 303,960	\$ 30,968,244
Subtotal Treatment,Distribution	\$ 34,397,087		\$ 20,720,667	\$ 4,402,540	\$ 6,251,163	\$ 494,694	\$ 2,190,408	\$ 337,615	\$ 34,397,087
General Plant									
Buildings - General Plant	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment & Vehicles	\$ 966,868	30	\$ 582,438	\$ 123,751	\$ 175,714	\$ 13,905	\$ 61,570	\$ 9,490	\$ 966,868
Inventory	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal General Plant	\$ 966,868		\$ 582,438	\$ 123,751	\$ 175,714	\$ 13,905	\$ 61,570	\$ 9,490	\$ 966,868
Total Utility Plant in Service	\$ 35,363,955		\$ 21,303,104	\$ 4,526,291	\$ 6,426,877	\$ 508,599	\$ 2,251,978	\$ 347,105	\$ 35,363,955
Constr. Work in Progress	\$ 13,001,488	30	\$ 7,832,044	\$ 1,664,082	\$ 2,362,828	\$ 186,986	\$ 827,935	\$ 127,613	\$ 13,001,488
Total Utility Plant	\$ 48,365,443		\$ 29,135,148	\$ 6,190,373	\$ 8,789,705	\$ 695,585	\$ 3,079,914	\$ 474,718	\$ 48,365,443
Accum. Depr.	\$ 16,335,975	30	\$ 9,840,725	\$ 2,090,869	\$ 2,968,822	\$ 234,942	\$ 1,040,276	\$ 160,341	\$ 16,335,975
Accumulated Depreciation	\$ 16,335,975		\$ 9,840,725	\$ 2,090,869	\$ 2,968,822	\$ 234,942	\$ 1,040,276	\$ 160,341	\$ 16,335,975
Net Utility Plant	\$ 32,029,468		\$ 19,294,423	\$ 4,099,505	\$ 5,820,883	\$ 460,643	\$ 2,039,638	\$ 314,376	\$ 32,029,468

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of Extra Capacity Plant
[Main Menu](#)

	Test Yr.		Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Treatment									
Land - Filter Plant	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Buildings - Filter Plant	\$ 283,539	33	\$ 160,859	\$ 38,116	\$ 43,118	\$ 5,502	\$ 31,088	\$ 4,857	\$ 283,539
Filter Plant - Improvements	\$ 81,923	33	\$ 46,477	\$ 11,013	\$ 12,458	\$ 1,590	\$ 8,982	\$ 1,403	\$ 81,923
Buildings - Chlorinator	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Treatment	\$ 365,462		\$ 207,335	\$ 49,129	\$ 55,576	\$ 7,091	\$ 40,071	\$ 6,260	\$ 365,462
Subtotal Outside Plant	\$ 365,462		\$ 207,335	\$ 49,129	\$ 55,576	\$ 7,091	\$ 40,071	\$ 6,260	\$ 365,462
Distribution									
Buildings - Pump Stations	\$ 22,570	33	\$ 12,804	\$ 3,034	\$ 3,432	\$ 438	\$ 2,475	\$ 387	\$ 22,570
Buildings - Booster Stations	\$ 55,293	33	\$ 31,369	\$ 7,433	\$ 8,408	\$ 1,073	\$ 6,063	\$ 947	\$ 55,293
Buildings - Misc Dist	\$ 15,803	33	\$ 8,965	\$ 2,124	\$ 2,403	\$ 307	\$ 1,733	\$ 271	\$ 15,803
Improvements - Pipe	\$ 24,969	33	\$ 14,165	\$ 3,357	\$ 3,797	\$ 484	\$ 2,738	\$ 428	\$ 24,969
Improvements - Waterline	\$ 2,327,902	33	\$ 1,320,673	\$ 312,937	\$ 354,003	\$ 45,171	\$ 255,240	\$ 39,878	\$ 2,327,902
Meters	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Misc Dist - Improvements	\$ 2,188,268	33	\$ 1,241,455	\$ 294,167	\$ 332,769	\$ 42,461	\$ 239,930	\$ 37,486	\$ 2,188,268
Relocations	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hydrants	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tanks	\$ 792,688	33	\$ 449,710	\$ 106,560	\$ 120,544	\$ 15,381	\$ 86,913	\$ 13,579	\$ 792,688
Transmission Lines	\$ 423,079	33	\$ 240,023	\$ 56,874	\$ 64,337	\$ 8,209	\$ 46,388	\$ 7,247	\$ 423,079
Contributed Capital	\$ 3,827,903	33	\$ 2,171,658	\$ 514,581	\$ 582,107	\$ 74,277	\$ 419,707	\$ 65,573	\$ 3,827,903
Booster Stations	\$ 6,422	33	\$ 3,643	\$ 863	\$ 977	\$ 125	\$ 704	\$ 110	\$ 6,422
Mains	\$ 1,883,949	33	\$ 1,068,808	\$ 253,257	\$ 286,491	\$ 36,556	\$ 206,564	\$ 32,273	\$ 1,883,949
Pumps	\$ 7,509	33	\$ 4,260	\$ 1,009	\$ 1,142	\$ 146	\$ 823	\$ 129	\$ 7,509
Reservoir	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land - Reservoir	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land - Easements	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land - Tanks	\$ 682	33	\$ 387	\$ 92	\$ 104	\$ 13	\$ 75	\$ 12	\$ 682
Land - Pumps	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Distribution	\$ 11,577,036		\$ 6,567,921	\$ 1,556,289	\$ 1,760,514	\$ 224,642	\$ 1,269,352	\$ 198,317	\$ 11,577,036
Subtotal Treatment,Distribution	\$ 11,942,498		\$ 6,775,256	\$ 1,605,418	\$ 1,816,090	\$ 231,734	\$ 1,309,423	\$ 204,578	\$ 11,942,498
General Plant									
Buildings - General Plant	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment & Vehicles	\$ 335,692	33	\$ 190,446	\$ 45,127	\$ 51,049	\$ 6,514	\$ 36,807	\$ 5,750	\$ 335,692
Inventory	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal General Plant	\$ 335,692		\$ 190,446	\$ 45,127	\$ 51,049	\$ 6,514	\$ 36,807	\$ 5,750	\$ 335,692
Total Utility Plant in Service	\$ 12,278,190		\$ 6,965,702	\$ 1,650,544	\$ 1,867,138	\$ 238,247	\$ 1,346,229	\$ 210,328	\$ 12,278,190
Constr. Work in Progress	\$ 1,385,760	33	\$ 786,174	\$ 186,286	\$ 210,732	\$ 26,889	\$ 151,940	\$ 23,738	\$ 1,385,760
Total Utility Plant	\$ 13,663,950		\$ 7,751,876	\$ 1,836,831	\$ 2,077,870	\$ 265,137	\$ 1,498,170	\$ 234,067	\$ 13,663,950
Accum. Depr.	\$ 4,615,154	33	\$ 2,618,284	\$ 620,410	\$ 701,824	\$ 89,553	\$ 506,024	\$ 79,059	\$ 4,615,154
Accumulated Depreciation	\$ 4,615,154		\$ 2,618,284	\$ 620,410	\$ 701,824	\$ 89,553	\$ 506,024	\$ 79,059	\$ 4,615,154
Net Utility Plant	\$ 9,048,797		\$ 5,133,592	\$ 1,216,420	\$ 1,376,046	\$ 175,584	\$ 992,146	\$ 155,008	\$ 9,048,797

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of Customer Plant
[Main Menu](#)

	Test Yr.		Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Treatment									
Land - Filter Plant	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Buildings - Filter Plant	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Filter Plant - Improvements	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Buildings - Chlorinator	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Treatment	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Outside Plant	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distribution									
Buildings - Pump Stations	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Buildings - Booster Stations	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Buildings - Misc Dist	\$ 12,787	21	\$ 9,876	\$ 1,931	\$ 735	\$ 48	\$ 141	\$ 54	\$ 12,787
Improvements - Pipe	\$ 20,203	21	\$ 15,605	\$ 3,052	\$ 1,162	\$ 76	\$ 223	\$ 86	\$ 20,203
Improvements - Waterline	\$ 1,883,601	21	\$ 1,454,876	\$ 284,529	\$ 108,333	\$ 7,052	\$ 20,818	\$ 7,994	\$ 1,883,601
Meters	\$ 630,631	21	\$ 487,094	\$ 95,260	\$ 36,270	\$ 2,361	\$ 6,970	\$ 2,676	\$ 630,631
Misc Dist - Improvements	\$ 1,770,617	21	\$ 1,367,609	\$ 267,462	\$ 101,834	\$ 6,629	\$ 19,569	\$ 7,514	\$ 1,770,617
Relocations	\$ 1,780,970	21	\$ 1,375,605	\$ 269,026	\$ 102,430	\$ 6,667	\$ 19,684	\$ 7,558	\$ 1,780,970
Hydrants	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ 194,537	22	\$ 150,258	\$ 29,386	\$ 11,188	\$ 728	\$ 2,150	\$ 826	\$ 194,537
Tanks	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Lines	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contributed Capital	\$ 3,819,000	21	\$ 2,949,762	\$ 576,882	\$ 219,644	\$ 14,297	\$ 42,208	\$ 16,207	\$ 3,819,000
Booster Stations	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Mains	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pumps	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reservoir	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land - Reservoir	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land - Easements	\$ 269,805	21	\$ 208,395	\$ 40,756	\$ 15,517	\$ 1,010	\$ 2,982	\$ 1,145	\$ 269,805
Land - Tanks	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land - Pumps	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Distribution	\$ 10,382,150		\$ 8,019,081	\$ 1,568,283	\$ 597,114	\$ 38,868	\$ 114,745	\$ 44,060	\$ 10,382,150
Subtotal Treatment,Distribution	\$ 10,382,150		\$ 8,019,081	\$ 1,568,283	\$ 597,114	\$ 38,868	\$ 114,745	\$ 44,060	\$ 10,382,150
General Plant									
Buildings - General Plant	\$ 88,725	21	\$ 68,530	\$ 13,402	\$ 5,103	\$ 332	\$ 981	\$ 377	\$ 88,725
Equipment & Vehicles	\$ 291,832	21	\$ 225,408	\$ 44,083	\$ 16,784	\$ 1,093	\$ 3,225	\$ 1,238	\$ 291,832
Inventory	\$ 870,049	21	\$ 672,018	\$ 131,426	\$ 50,040	\$ 3,257	\$ 9,616	\$ 3,692	\$ 870,049
Subtotal General Plant	\$ 1,250,606		\$ 965,957	\$ 188,911	\$ 71,927	\$ 4,682	\$ 13,822	\$ 5,307	\$ 1,250,606
Total Utility Plant in Service	\$ 11,632,757		\$ 8,985,038	\$ 1,757,194	\$ 669,041	\$ 43,550	\$ 128,567	\$ 49,367	\$ 11,632,757
Constr. Work in Progress	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Utility Plant	\$ 11,632,757		\$ 8,985,038	\$ 1,757,194	\$ 669,041	\$ 43,550	\$ 128,567	\$ 49,367	\$ 11,632,757
Accum. Depr.	\$ 3,929,095	21	\$ 3,034,798	\$ 593,512	\$ 225,976	\$ 14,709	\$ 43,425	\$ 16,674	\$ 3,929,095
Accumulated Depreciation	\$ 3,929,095		\$ 3,034,798	\$ 593,512	\$ 225,976	\$ 14,709	\$ 43,425	\$ 16,674	\$ 3,929,095
Net Utility Plant	\$ 7,703,662		\$ 5,950,240	\$ 1,163,682	\$ 443,065	\$ 28,840	\$ 85,142	\$ 32,693	\$ 7,703,662

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of Fire Protection Plant
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	Test Yr.		Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Treatment									
Land - Filter Plant	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Buildings - Filter Plant	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Filter Plant - Improvements	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Buildings - Chlorinator	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Treatment	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Outside Plant	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distribution									
Buildings - Pump Stations	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Buildings - Booster Stations	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Buildings - Misc Dist	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Improvements - Pipe	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Improvements - Waterline	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Meters	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Misc Dist - Improvements	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Relocations	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hydrants	\$ 8,399	40	\$ 5,552	\$ 1,086	\$ 1,654	\$ 108	\$ -	\$ -	\$ 8,399
Taps	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tanks	\$ 435,640	40	\$ 287,969	\$ 56,318	\$ 85,771	\$ 5,583	\$ -	\$ -	\$ 435,640
Transmission Lines	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contributed Capital	\$ 2,777,654	40	\$ 1,836,097	\$ 359,084	\$ 546,876	\$ 35,598	\$ -	\$ -	\$ 2,777,654
Booster Stations	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Mains	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pumps	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reservoir	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land - Reservoir	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land - Easements	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land - Tanks	\$ 375	40	\$ 248	\$ 48	\$ 74	\$ 5	\$ -	\$ -	\$ 375
Land - Pumps	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Distribution	\$ 3,222,068		\$ 2,129,866	\$ 416,535	\$ 634,374	\$ 41,293	\$ -	\$ -	\$ 3,222,068
Subtotal Treatment,Distribution	\$ 3,222,068		\$ 2,129,866	\$ 416,535	\$ 634,374	\$ 41,293	\$ -	\$ -	\$ 3,222,068
General Plant									
Buildings - General Plant	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment & Vehicles	\$ 90,569	40	\$ 59,868	\$ 11,708	\$ 17,832	\$ 1,161	\$ -	\$ -	\$ 90,569
Inventory	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal General Plant	\$ 90,569		\$ 59,868	\$ 11,708	\$ 17,832	\$ 1,161	\$ -	\$ -	\$ 90,569
Total Utility Plant in Service	\$ 3,312,637		\$ 2,189,734	\$ 428,244	\$ 652,205	\$ 42,454	\$ -	\$ -	\$ 3,312,637
Constr. Work in Progress	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Utility Plant	\$ 3,312,637		\$ 2,189,734	\$ 428,244	\$ 652,205	\$ 42,454	\$ -	\$ -	\$ 3,312,637
Accum. Depr.	\$ 1,118,881	40	\$ 739,607	\$ 144,644	\$ 220,290	\$ 14,339	\$ -	\$ -	\$ 1,118,881
Accumulated Depreciation	\$ 1,118,881		\$ 739,607	\$ 144,644	\$ 220,290	\$ 14,339	\$ -	\$ -	\$ 1,118,881
Net Utility Plant	\$ 2,193,756		\$ 1,450,127	\$ 283,600	\$ 431,916	\$ 28,114	\$ -	\$ -	\$ 2,193,756

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of Plant

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	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Treatment								
Land - Filter Plant	\$ 63,250	\$ 38,102	\$ 8,095	\$ 11,495	\$ 910	\$ 4,028	\$ 621	\$ 63,250
Buildings - Filter Plant	\$ 2,835,394	\$ 1,698,086	\$ 364,732	\$ 506,880	\$ 42,202	\$ 193,591	\$ 29,904	\$ 2,835,394
Filter Plant - Improvements	\$ 819,229	\$ 490,627	\$ 105,382	\$ 146,452	\$ 12,193	\$ 55,934	\$ 8,640	\$ 819,229
Buildings - Chlorinator	\$ 76,432	\$ 46,042	\$ 9,783	\$ 13,890	\$ 1,099	\$ 4,867	\$ 750	\$ 76,432
Subtotal Treatment	\$ 3,794,305	\$ 2,272,856	\$ 487,992	\$ 678,717	\$ 56,405	\$ 258,420	\$ 39,915	\$ 3,794,305
		60%	13%	18%	1%	7%	1%	100%
Subtotal Outside Plant	\$ 3,794,305	\$ 2,272,856	\$ 487,992	\$ 678,717	\$ 56,405	\$ 258,420	\$ 39,915	\$ 3,794,305
		60%	13%	18%	1%	7%	1%	100%
Distribution								
Buildings - Pump Stations	\$ 70,288	\$ 41,549	\$ 9,142	\$ 12,104	\$ 1,124	\$ 5,513	\$ 855	\$ 70,288
Buildings - Booster Stations	\$ 172,196	\$ 101,791	\$ 22,396	\$ 29,654	\$ 2,754	\$ 13,507	\$ 2,095	\$ 172,196
Buildings - Misc Dist	\$ 62,000	\$ 38,968	\$ 8,332	\$ 9,210	\$ 835	\$ 4,002	\$ 653	\$ 62,000
Improvements - Pipe	\$ 97,962	\$ 61,571	\$ 13,165	\$ 14,553	\$ 1,319	\$ 6,323	\$ 1,032	\$ 97,962
Improvements - Waterline	\$ 9,133,264	\$ 5,740,398	\$ 1,227,410	\$ 1,356,793	\$ 123,007	\$ 589,476	\$ 96,179	\$ 9,133,264
Meters	\$ 700,701	\$ 529,304	\$ 104,229	\$ 49,004	\$ 3,369	\$ 11,432	\$ 3,364	\$ 700,701
Misc Dist - Improvements	\$ 8,585,424	\$ 5,396,072	\$ 1,153,787	\$ 1,275,408	\$ 115,628	\$ 554,118	\$ 90,410	\$ 8,585,424
Relocations	\$ 1,780,970	\$ 1,375,605	\$ 269,026	\$ 102,430	\$ 6,667	\$ 19,684	\$ 7,558	\$ 1,780,970
Hydrants	\$ 16,798	\$ 10,611	\$ 2,161	\$ 3,180	\$ 228	\$ 535	\$ 82	\$ 16,798
Taps	\$ 216,152	\$ 163,279	\$ 32,152	\$ 15,117	\$ 1,039	\$ 3,527	\$ 1,038	\$ 216,152
Tanks	\$ 2,904,266	\$ 1,747,257	\$ 377,384	\$ 510,891	\$ 45,068	\$ 193,637	\$ 30,029	\$ 2,904,266
Transmission Lines	\$ 1,317,573	\$ 778,862	\$ 171,362	\$ 226,898	\$ 21,074	\$ 103,349	\$ 16,027	\$ 1,317,573
Contributed Capital	\$ 18,517,694	\$ 11,832,790	\$ 2,486,400	\$ 2,819,435	\$ 240,566	\$ 977,286	\$ 161,216	\$ 18,517,694
Booster Stations	\$ 20,000	\$ 11,823	\$ 2,601	\$ 3,444	\$ 320	\$ 1,569	\$ 243	\$ 20,000
Mains	\$ 5,867,083	\$ 3,468,232	\$ 763,065	\$ 1,010,367	\$ 93,841	\$ 460,210	\$ 71,368	\$ 5,867,083
Pumps	\$ 23,386	\$ 13,824	\$ 3,042	\$ 4,027	\$ 374	\$ 1,834	\$ 284	\$ 23,386
Reservoir	\$ 6,170,545	\$ 3,717,111	\$ 789,778	\$ 1,121,405	\$ 88,744	\$ 392,941	\$ 60,565	\$ 6,170,545
Land - Reservoir	\$ 220,729	\$ 132,966	\$ 28,251	\$ 40,114	\$ 3,174	\$ 14,056	\$ 2,167	\$ 220,729
Land - Easements	\$ 269,805	\$ 208,395	\$ 40,756	\$ 15,517	\$ 1,010	\$ 2,982	\$ 1,145	\$ 269,805
Land - Tanks	\$ 2,500	\$ 1,504	\$ 325	\$ 440	\$ 39	\$ 167	\$ 26	\$ 2,500
Land - Pumps	\$ 164	\$ 99	\$ 21	\$ 30	\$ 2	\$ 10	\$ 2	\$ 164
Subtotal Distribution	\$ 56,149,498	\$ 35,372,013	\$ 7,504,784	\$ 8,620,023	\$ 750,184	\$ 3,356,157	\$ 546,337	\$ 56,149,498
		63%	13%	15%	1%	6%	1%	100%
Subtotal Treatment,Distribution	\$ 59,943,803	\$ 37,644,869	\$ 7,992,776	\$ 9,298,740	\$ 806,588	\$ 3,614,576	\$ 586,253	\$ 59,943,803
		63%	13%	16%	1%	6%	1%	100%
General Plant								
Buildings - General Plant	\$ 88,725	\$ 68,530	\$ 13,402	\$ 5,103	\$ 332	\$ 981	\$ 377	\$ 88,725
Equipment & Vehicles	\$ 1,684,962	\$ 1,058,160	\$ 224,669	\$ 261,378	\$ 22,672	\$ 101,602	\$ 16,479	\$ 1,684,962
Inventory	\$ 870,049	\$ 672,018	\$ 131,426	\$ 50,040	\$ 3,257	\$ 9,616	\$ 3,692	\$ 870,049
Subtotal General Plant	\$ 2,643,736	\$ 1,798,709	\$ 369,497	\$ 316,521	\$ 26,262	\$ 112,199	\$ 20,548	\$ 2,643,736
		68%	14%	12%	1%	4%	1%	100%
Total Utility Plant in Service	\$ 62,587,539	\$ 39,443,578	\$ 8,362,273	\$ 9,615,261	\$ 832,850	\$ 3,726,775	\$ 606,801	\$ 62,587,539
		63%	13%	15%	1%	6%	1%	100%
Constr. Work in Progress	\$ 14,387,248	\$ 8,618,218	\$ 1,850,368	\$ 2,573,560	\$ 213,875	\$ 979,876	\$ 151,351	\$ 14,387,248
Total Utility Plant	\$ 76,974,787	\$ 48,061,796	\$ 10,212,642	\$ 12,188,822	\$ 1,046,725	\$ 4,706,651	\$ 758,151	\$ 76,974,787
		62%	13%	16%	1%	6%	1%	100%
Accum. Depr.	\$ 25,999,104	\$ 16,233,415	\$ 3,449,435	\$ 4,116,912	\$ 353,543	\$ 1,589,724	\$ 256,074	\$ 25,999,104
Accumulated Depreciation	\$ 25,999,104	\$ 16,233,415	\$ 3,449,435	\$ 4,116,912	\$ 353,543	\$ 1,589,724	\$ 256,074	\$ 25,999,104
Net Utility Plant	\$ 50,975,683	\$ 31,828,382	\$ 6,763,207	\$ 8,071,910	\$ 693,182	\$ 3,116,926	\$ 502,077	\$ 50,975,683
		62%	13%	16%	1%	6%	1%	100%

Operating Expenses

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Classification of Operating Expenses
[Main Menu](#)

	Actual	Adj.	Test Yr.	Base	Ex-Cap	Cust	FP	Total	Description	Base	Ex-Cap	Cust	FP	Total
Utility Billing & Admin														
Utility Billing	\$ 186,884	\$ (106,051)	\$ 80,833	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 80,833	\$ -	\$ 80,833
Utility Admin	\$ 1,089,442	\$ (618,225)	\$ 471,217	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 471,217	\$ -	\$ 471,217
Subtotal Utility Billing & Admin	\$ 1,276,326	\$ (724,276)	\$ 552,050							\$ -	\$ -	\$ 552,050	\$ -	\$ 552,050
Distribution														
				0%	0%	100%	0%	100%						
Regular Pay	\$ 730,963		\$ 730,963	57%	20%	17%	5%	100%	As T&D Plant	\$ 419,443	\$ 145,628	\$ 126,601	\$ 39,290	\$ 730,963
Overtime Pay	\$ 18,976		\$ 18,976	57%	20%	17%	5%	100%	As T&D Plant	\$ 10,889	\$ 3,781	\$ 3,287	\$ 1,020	\$ 18,976
FICA (Employer's Share)	\$ 53,462		\$ 53,462	57%	20%	17%	5%	100%	As T&D Plant	\$ 30,678	\$ 10,651	\$ 9,259	\$ 2,874	\$ 53,462
Medical Premiums	\$ 230,017		\$ 230,017	57%	20%	17%	5%	100%	As T&D Plant	\$ 131,989	\$ 45,826	\$ 39,838	\$ 12,364	\$ 230,017
Group Insurance Premiums	\$ 15,258		\$ 15,258	57%	20%	17%	5%	100%	As T&D Plant	\$ 8,755	\$ 3,040	\$ 2,643	\$ 820	\$ 15,258
Employee Insurance Contributions	\$ (52,564)		\$ (52,564)	57%	20%	17%	5%	100%	As T&D Plant	\$ (30,162)	\$ (10,472)	\$ (9,104)	\$ (2,825)	\$ (52,564)
Retirement Contributions	\$ 57,143		\$ 57,143	57%	20%	17%	5%	100%	As T&D Plant	\$ 32,790	\$ 11,385	\$ 9,897	\$ 3,072	\$ 57,143
Defined Contribution Match	\$ 5,909		\$ 5,909	57%	20%	17%	5%	100%	As T&D Plant	\$ 3,391	\$ 1,177	\$ 1,023	\$ 318	\$ 5,909
Workers Compensation	\$ 11,608		\$ 11,608	57%	20%	17%	5%	100%	As T&D Plant	\$ 6,661	\$ 2,313	\$ 2,010	\$ 624	\$ 11,608
Workers Comp Claims (Self Insured)	\$ 50,856		\$ 50,856	57%	20%	17%	5%	100%	As T&D Plant	\$ 29,182	\$ 10,132	\$ 8,808	\$ 2,734	\$ 50,856
Mailing & Outbound Shipping	\$ 180		\$ 180	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 180	\$ -	\$ 180
Freight For Inbound Purchased Items	\$ 70		\$ 70	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 70	\$ -	\$ 70
Vehicle License & Titles	\$ 176		\$ 176	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 176	\$ -	\$ 176
Printing & Copying Expenses, Outsourced	\$ 807		\$ 807	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 807	\$ -	\$ 807
Testing & Physicals	\$ 2,080		\$ 2,080	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 2,080	\$ -	\$ 2,080
Lab Fees	\$ 484		\$ 484	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 484	\$ -	\$ 484
Legal Notices	\$ 185		\$ 185	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 185	\$ -	\$ 185
Dues For Memberships	\$ 386		\$ 386	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 386	\$ -	\$ 386
Public Relations & Education	\$ 195		\$ 195	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 195	\$ -	\$ 195
Electric Service	\$ 90,975		\$ 90,975	57%	20%	17%	5%	100%	As T&D Plant	\$ 52,204	\$ 18,125	\$ 15,757	\$ 4,890	\$ 90,975
Water/Sewer Service	\$ 772		\$ 772	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 772	\$ -	\$ 772
Stormwater Service	\$ 4,179		\$ 4,179	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 4,179	\$ -	\$ 4,179
Solid Waste Service	\$ 2,663		\$ 2,663	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 2,663	\$ -	\$ 2,663
Natural Gas Service	\$ 2,913		\$ 2,913	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 2,913	\$ -	\$ 2,913
Telephone Service	\$ 585		\$ 585	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 585	\$ -	\$ 585
Cellular Telephone Service	\$ 7,475		\$ 7,475	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 7,475	\$ -	\$ 7,475
Computer & Network Services	\$ 1,583		\$ 1,583	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 1,583	\$ -	\$ 1,583
Consultant Services	\$ 2,000		\$ 2,000	57%	20%	17%	5%	100%	As T&D Plant	\$ 1,148	\$ 398	\$ 346	\$ 108	\$ 2,000
Other Contractual Services	\$ 12,166		\$ 12,166	57%	20%	17%	5%	100%	As T&D Plant	\$ 6,981	\$ 2,424	\$ 2,107	\$ 654	\$ 12,166
Vehicle Repair & Maintenance Services	\$ 6,983		\$ 6,983	57%	20%	17%	5%	100%	As T&D Plant	\$ 4,007	\$ 1,391	\$ 1,210	\$ 375	\$ 6,983
Equipment Repair & Maintenance Services	\$ 4,409		\$ 4,409	57%	20%	17%	5%	100%	As T&D Plant	\$ 2,530	\$ 878	\$ 764	\$ 237	\$ 4,409
Paving & Repair Services	\$ 560		\$ 560	57%	20%	17%	5%	100%	As T&D Plant	\$ 321	\$ 112	\$ 97	\$ 30	\$ 560
Building Maintenance Services	\$ 209		\$ 209	57%	20%	17%	5%	100%	As T&D Plant	\$ 120	\$ 42	\$ 36	\$ 11	\$ 209
Water Tank Maintenance Services	\$ 12,600		\$ 12,600	57%	20%	17%	5%	100%	As T&D Plant	\$ 7,230	\$ 2,510	\$ 2,182	\$ 677	\$ 12,600
Employee Wellness Program	\$ 397		\$ 397	57%	20%	17%	5%	100%	As T&D Plant	\$ 228	\$ 79	\$ 69	\$ 21	\$ 397
Employee Recognition/Receptions	\$ 194		\$ 194	57%	20%	17%	5%	100%	As T&D Plant	\$ 112	\$ 39	\$ 34	\$ 10	\$ 194
Outside Training	\$ 2,720		\$ 2,720	57%	20%	17%	5%	100%	As T&D Plant	\$ 1,561	\$ 542	\$ 471	\$ 146	\$ 2,720
In-House Training	\$ 93		\$ 93	57%	20%	17%	5%	100%	As T&D Plant	\$ 53	\$ 18	\$ 16	\$ 5	\$ 93
Ground Transportation (Travel)	\$ 489		\$ 489	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 489	\$ -	\$ 489
Air Travel	\$ (226)		\$ (226)	0%	0%	100%	0%	100%		\$ -	\$ -	\$ (226)	\$ -	\$ (226)
Meals (Outside Williamson County)	\$ 474		\$ 474	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 474	\$ -	\$ 474
Office Supplies	\$ 810		\$ 810	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 810	\$ -	\$ 810
Meals & Food (Inside Williamson County)	\$ 1,821		\$ 1,821	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 1,821	\$ -	\$ 1,821
Medical Supplies	\$ 401		\$ 401	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 401	\$ -	\$ 401
Safety Supplies	\$ 11,397		\$ 11,397	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 11,397	\$ -	\$ 11,397
Uniforms Purchased	\$ 5,235		\$ 5,235	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 5,235	\$ -	\$ 5,235
Consumable Tools	\$ 9,865		\$ 9,865	57%	20%	17%	5%	100%	As T&D Plant	\$ 5,661	\$ 1,965	\$ 1,709	\$ 530	\$ 9,865
Other Operating Supplies	\$ 5,206		\$ 5,206	57%	20%	17%	5%	100%	As T&D Plant	\$ 2,988	\$ 1,037	\$ 902	\$ 280	\$ 5,206
Gasoline & Diesel For Fleet (Non-Travel)	\$ 19,170		\$ 19,170	57%	20%	17%	5%	100%	As T&D Plant	\$ 11,000	\$ 3,819	\$ 3,320	\$ 1,030	\$ 19,170
Machinery & Equipment (<\$25,000)	\$ 21,375		\$ 21,375	57%	20%	17%	5%	100%	As T&D Plant	\$ 12,265	\$ 4,258	\$ 3,702	\$ 1,149	\$ 21,375
Computer Hardware (<\$25,000)	\$ 4,825		\$ 4,825	57%	20%	17%	5%	100%	As T&D Plant	\$ 2,768	\$ 961	\$ 836	\$ 259	\$ 4,825
Vehicle Parts & Supplies	\$ 1,563		\$ 1,563	57%	20%	17%	5%	100%	As T&D Plant	\$ 897	\$ 311	\$ 271	\$ 84	\$ 1,563
Equipment Parts & Supplies	\$ 5,507		\$ 5,507	57%	20%	17%	5%	100%	As T&D Plant	\$ 3,160	\$ 1,097	\$ 954	\$ 296	\$ 5,507
Fire Hydrant Supplies	\$ 13,118		\$ 13,118	0%	0%	0%	100%	100%		\$ -	\$ -	\$ -	\$ 13,118	\$ 13,118
Paving & Repair Supplies	\$ 47,800		\$ 47,800	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 47,800	\$ -	\$ 47,800
Landscaping Supplies	\$ 282		\$ 282	57%	20%	17%	5%	100%	As T&D Plant	\$ 162	\$ 56	\$ 49	\$ 15	\$ 282
Grounds Maintenance Supplies	\$ 86		\$ 86	57%	20%	17%	5%	100%	As T&D Plant	\$ 49	\$ 17	\$ 15	\$ 5	\$ 86
Building Maintenance Supplies	\$ 7,278		\$ 7,278	57%	20%	17%	5%	100%	As T&D Plant	\$ 4,176	\$ 1,450	\$ 1,261	\$ 391	\$ 7,278
Meter Repair/Replacement Supplies	\$ 283,392		\$ 283,392	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 283,392	\$ -	\$ 283,392
Repair to Lines Supplies	\$ 181,604		\$ 181,604	57%	20%	17%	5%	100%	As T&D Plant	\$ 104,209	\$ 36,181	\$ 31,454	\$ 9,761	\$ 181,604
Water Tank Maintenance Supplies	\$ 111		\$ 111	57%	20%	17%	5%	100%	As T&D Plant	\$ 64	\$ 22	\$ 19	\$ 6	\$ 111
Pump Station Repair Supplies	\$ 4		\$ 4	57%	20%	17%	5%	100%	As T&D Plant	\$ 3	\$ 1	\$ 1	\$ 0	\$ 4
Property & Liability Insurance	\$ 20,333		\$ 20,333	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 20,333	\$ -	\$ 20,333
Inland Marine Coverage	\$ 1,415		\$ 1,415	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 1,415	\$ -	\$ 1,415
Auto Physical Damage	\$ 775		\$ 775	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 775	\$ -	\$ 775
Liability Insurance	\$ 6,088		\$ 6,088	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 6,088	\$ -	\$ 6,088
Vehicle Liability Insurance	\$ 7,705		\$ 7,705	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 7,705	\$ -	\$ 7,705
Umbrella Liability	\$ 1,151		\$ 1,151	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 1,151	\$ -	\$ 1,151
Liability Claims/Deductibles	\$ 5,230		\$ 5,230	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 5,230	\$ -	\$ 5,230
Vehicle Liability Claims/Deductibles	\$ 1,131		\$ 1,131	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 1,131	\$ -	\$ 1,131
Easements Acquired <\$25,000	\$ 42,743		\$ 42,743	57%	20%	17%	5%	100%	As T&D Plant	\$ 24,527	\$ 8,516	\$ 7,403	\$ 2,297	\$ 42,743
Land Use Rental	\$ 50		\$ 50	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 50	\$ -	\$ 50
Equipment Rental & Leases	\$ 146		\$ 146	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 146	\$ -	\$ 146
State Fees	\$ 32,228		\$ 32,228	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 32,228	\$ -	\$ 32,228
e-Commerce Fees	\$ 6		\$ 6	0%	0%	100%	0%	100%		\$ -	\$ -	\$ 6	\$ -	\$ 6
Lease/Loan Interest	\$ 32,081		\$ 32,081	57%	20%	17%	5%	100%	As T&D Plant	\$ 18,409	\$ 6,391	\$ 5,556	\$ 1,724	\$ 32,081
Furniture, Fixtures (<\$25,000)	\$ 440		\$ 440	57%	20%	17%	5%	100%	As T&D Plant	\$ 252	\$ 88	\$ 76	\$ 24	\$ 440
Vehicles (<\$25,000)	\$ 23,358		\$ 23,358	57%	20%	17%	5%	100%	As T&D Plant	\$ 13,403	\$ 4,654	\$ 4,046	\$ 1,256	\$ 23,358
Computer Software (<\$25,000)	\$ 6,343		\$ 6,343	57%	20%	17%	5%	100%	As T&D Plant	\$ 3,640	\$ 1,264	\$ 1,099	\$ 341	\$ 6,343
Subtotal Distribution	\$ 2,082,477	\$ -	\$ 2,082,477							\$ 927,741	\$ 322,107	\$ 732,607	\$ 100,022	\$ 2,082,477

Water Plant									
Regular Pay	\$ 575,901	\$ 575,901	90%	10%	0%	0%	100%	As Treat Pit	* \$ 520,431 \$ 55,470 \$ - \$ - \$ 575,901
Overtime Pay	\$ 23,094	\$ 23,094	90%	10%	0%	0%	100%	As Treat Pit	* \$ 20,869 \$ 2,224 \$ - \$ - \$ 23,094
FICA (Employer's Share)	\$ 43,302	\$ 43,302	90%	10%	0%	0%	100%	As Treat Pit	* \$ 39,131 \$ 4,171 \$ - \$ - \$ 43,302
Medical Premiums	\$ 165,047	\$ 165,047	90%	10%	0%	0%	100%	As Treat Pit	* \$ 149,150 \$ 15,897 \$ - \$ - \$ 165,047
Group Insurance Premiums	\$ 11,974	\$ 11,974	90%	10%	0%	0%	100%	As Treat Pit	* \$ 10,821 \$ 1,153 \$ - \$ - \$ 11,974
Employee Insurance Contributions	\$ (35,155)	\$ (35,155)	90%	10%	0%	0%	100%	As Treat Pit	* \$ (31,769) \$ (3,386) \$ - \$ - \$ (35,155)
Retirement Contributions	\$ 72,912	\$ 72,912	90%	10%	0%	0%	100%	As Treat Pit	* \$ 65,889 \$ 7,023 \$ - \$ - \$ 72,912
Defined Contrib Match	\$ 1,873	\$ 1,873	90%	10%	0%	0%	100%	As Treat Pit	* \$ 1,693 \$ 180 \$ - \$ - \$ 1,873
Workers Compensation	\$ 5,521	\$ 5,521	90%	10%	0%	0%	100%	As Treat Pit	* \$ 4,989 \$ 532 \$ - \$ - \$ 5,521
Mailing & Outbound Shipping	\$ 1,497	\$ 1,497	0%	0%	100%	0%	100%		* \$ - \$ - \$ 1,497 \$ - \$ 1,497
Freight For Inbound Purchased Items	\$ 1,323	\$ 1,323	0%	0%	100%	0%	100%		* \$ - \$ - \$ 1,323 \$ - \$ 1,323
Vehicle Licenses & Titles	\$ 45	\$ 45	0%	0%	100%	0%	100%		* \$ - \$ - \$ 45 \$ - \$ 45
Printing & Copying Expenses, Outsourced	\$ 1,915	\$ 1,915	0%	0%	100%	0%	100%		* \$ - \$ - \$ 1,915 \$ - \$ 1,915
Lab Fees	\$ 26,107	\$ 26,107	100%	0%	0%	0%	100%		* \$ 26,107 \$ - \$ - \$ - \$ 26,107
Dues For Memberships	\$ 236	\$ 236	0%	0%	100%	0%	100%		* \$ - \$ - \$ 236 \$ - \$ 236
Electric Service	\$ 96,051	\$ 96,051	90%	10%	0%	0%	100%	As Treat Pit	* \$ 86,799 \$ 9,251 \$ - \$ - \$ 96,051
Stormwater Service	\$ 758	\$ 758	0%	0%	100%	0%	100%		* \$ - \$ - \$ 758 \$ - \$ 758
Solid Waste Service	\$ 2,280	\$ 2,280	0%	0%	100%	0%	100%		* \$ - \$ - \$ 2,280 \$ - \$ 2,280
Natural Gas Service	\$ 1,465	\$ 1,465	0%	0%	100%	0%	100%		* \$ - \$ - \$ 1,465 \$ - \$ 1,465
Telephone Service	\$ 2,315	\$ 2,315	0%	0%	100%	0%	100%		* \$ - \$ - \$ 2,315 \$ - \$ 2,315
Cellular Telephone Service	\$ 1,409	\$ 1,409	0%	0%	100%	0%	100%		* \$ - \$ - \$ 1,409 \$ - \$ 1,409
Network Service including Internet Connection	\$ 1,143	\$ 1,143	0%	0%	100%	0%	100%		* \$ - \$ - \$ 1,143 \$ - \$ 1,143
Vehicle Repair & Maintenance Services	\$ 802	\$ 802	90%	10%	0%	0%	100%	As Treat Pit	* \$ 725 \$ 77 \$ - \$ - \$ 802
Equipment Repair & Maintenance Services	\$ 28,767	\$ 28,767	90%	10%	0%	0%	100%	As Treat Pit	* \$ 25,996 \$ 2,771 \$ - \$ - \$ 28,767
Building Maintenance Services	\$ 6,462	\$ 6,462	90%	10%	0%	0%	100%	As Treat Pit	* \$ 5,840 \$ 622 \$ - \$ - \$ 6,462
Employee Recognition/Receptions	\$ 105	\$ 105	0%	0%	100%	0%	100%		* \$ - \$ - \$ 105 \$ - \$ 105
Outside Training	\$ 160	\$ 160	0%	0%	100%	0%	100%		* \$ - \$ - \$ 160 \$ - \$ 160
In-House Training	\$ 27	\$ 27	0%	0%	100%	0%	100%		* \$ - \$ - \$ 27 \$ - \$ 27
Registrations	\$ 2,263	\$ 2,263	0%	0%	100%	0%	100%		* \$ - \$ - \$ 2,263 \$ - \$ 2,263
Meals (Outside Williamson County)	\$ 69	\$ 69	0%	0%	100%	0%	100%		* \$ - \$ - \$ 69 \$ - \$ 69
Office Supplies	\$ 774	\$ 774	0%	0%	100%	0%	100%		* \$ - \$ - \$ 774 \$ - \$ 774
Meals & Food (Inside Williamson County)	\$ 381	\$ 381	0%	0%	100%	0%	100%		* \$ - \$ - \$ 381 \$ - \$ 381
Lab Chemicals & Supplies	\$ 307,374	\$ 307,374	100%	0%	0%	0%	100%		* \$ 307,374 \$ - \$ - \$ - \$ 307,374
Medical Supplies	\$ 1,280	\$ 1,280	0%	0%	100%	0%	100%		* \$ - \$ - \$ 1,280 \$ - \$ 1,280
Safety Supplies	\$ 765	\$ 765	0%	0%	100%	0%	100%		* \$ - \$ - \$ 765 \$ - \$ 765
Uniforms Purchased	\$ 2,647	\$ 2,647	0%	0%	100%	0%	100%		* \$ - \$ - \$ 2,647 \$ - \$ 2,647
Other Operating Supplies	\$ 1,876	\$ 1,876	90%	10%	0%	0%	100%	As Treat Pit	* \$ 1,696 \$ 181 \$ - \$ - \$ 1,876
Gasoline & Diesel For Fleet (Non-Travel)	\$ 2,613	\$ 2,613	90%	10%	0%	0%	100%	As Treat Pit	* \$ 2,361 \$ 252 \$ - \$ - \$ 2,613
Water Purchased	\$ 4,696,834	\$ 4,696,834	100%	0%	0%	0%	100%		* \$ 4,696,834 \$ - \$ - \$ - \$ 4,696,834
Furniture, Fixtures (<\$25,000)	\$ 420	\$ 420	90%	10%	0%	0%	100%	As Treat Pit	* \$ 380 \$ 40 \$ - \$ - \$ 420
Vehicles (<\$25,000)	\$ 20,394	\$ 20,394	90%	10%	0%	0%	100%	As Treat Pit	* \$ 18,430 \$ 1,964 \$ - \$ - \$ 20,394
Machinery & Equipment (<\$25,000)	\$ 31,160	\$ 31,160	90%	10%	0%	0%	100%	As Treat Pit	* \$ 28,158 \$ 3,001 \$ - \$ - \$ 31,160
Computer Hardware (<\$25,000)	\$ 1,216	\$ 1,216	90%	10%	0%	0%	100%	As Treat Pit	* \$ 1,099 \$ 117 \$ - \$ - \$ 1,216
Vehicle Parts & Supplies	\$ 205	\$ 205	90%	10%	0%	0%	100%	As Treat Pit	* \$ 185 \$ 20 \$ - \$ - \$ 205
Equipment Parts & Supplies	\$ 18,323	\$ 18,323	90%	10%	0%	0%	100%	As Treat Pit	* \$ 16,558 \$ 1,765 \$ - \$ - \$ 18,323
Grounds Maintenance Supplies	\$ 474	\$ 474	90%	10%	0%	0%	100%	As Treat Pit	* \$ 428 \$ 46 \$ - \$ - \$ 474
Building Maintenance Supplies	\$ 16,168	\$ 16,168	90%	10%	0%	0%	100%	As Treat Pit	* \$ 14,611 \$ 1,557 \$ - \$ - \$ 16,168
Property & Liability Insurance	\$ 9,509	\$ 9,509	0%	0%	100%	0%	100%		* \$ - \$ - \$ 9,509 \$ - \$ 9,509
Inland Marine Coverage	\$ 568	\$ 568	0%	0%	100%	0%	100%		* \$ - \$ - \$ 568 \$ - \$ 568
Auto Physical Damage	\$ 124	\$ 124	0%	0%	100%	0%	100%		* \$ - \$ - \$ 124 \$ - \$ 124
Liability Insurance	\$ 18,434	\$ 18,434	0%	0%	100%	0%	100%		* \$ - \$ - \$ 18,434 \$ - \$ 18,434
Vehicle Liability Insurance	\$ 2,055	\$ 2,055	0%	0%	100%	0%	100%		* \$ - \$ - \$ 2,055 \$ - \$ 2,055
Umbrella Liability	\$ 3,485	\$ 3,485	0%	0%	100%	0%	100%		* \$ - \$ - \$ 3,485 \$ - \$ 3,485
Property Tax - Rental Property	\$ 387	\$ 387	0%	0%	100%	0%	100%		* \$ - \$ - \$ 387 \$ - \$ 387
State Fees	\$ 85	\$ 85	0%	0%	100%	0%	100%		* \$ - \$ - \$ 85 \$ - \$ 85
Subtotal Water Plant	\$ 6,177,217	\$ -	\$ 6,177,217						\$ 6,014,785 \$ 104,930 \$ 57,502 \$ - \$ 6,177,217
Water General									
Medical Premiums	\$ 78,757	\$ 78,757	0%	0%	100%	0%	100%		* \$ - \$ - \$ 78,757 \$ - \$ 78,757
Group Insurance Premiums	\$ 236	\$ 236	0%	0%	100%	0%	100%		* \$ - \$ - \$ 236 \$ - \$ 236
Employee Insurance Contributions	\$ (5,345)	\$ (5,345)	0%	0%	100%	0%	100%		* \$ - \$ - \$ (5,345) \$ - \$ (5,345)
Compensated Absences	\$ 20,160	\$ 20,160	0%	0%	100%	0%	100%		* \$ - \$ - \$ 20,160 \$ - \$ 20,160
Pension Expense	\$ 67,165	\$ 67,165	0%	0%	100%	0%	100%		* \$ - \$ - \$ 67,165 \$ - \$ 67,165
Testing & Physicals	\$ 2,741	\$ 2,741	0%	0%	100%	0%	100%		* \$ - \$ - \$ 2,741 \$ - \$ 2,741
Legal Notices	\$ 3,676	\$ 3,676	0%	0%	100%	0%	100%		* \$ - \$ - \$ 3,676 \$ - \$ 3,676
Stormwater Service	\$ 981	\$ 981	0%	0%	100%	0%	100%		* \$ - \$ - \$ 981 \$ - \$ 981
Solid Waste Service	\$ 20	\$ 20	0%	0%	100%	0%	100%		* \$ - \$ - \$ 20 \$ - \$ 20
Telephone Service	\$ 823	\$ 823	0%	0%	100%	0%	100%		* \$ - \$ - \$ 823 \$ - \$ 823
Network Service including Internet Connection	\$ 927	\$ 927	0%	0%	100%	0%	100%		* \$ - \$ - \$ 927 \$ - \$ 927
Audit Services	\$ 12,000	\$ 12,000	0%	0%	100%	0%	100%		* \$ - \$ - \$ 12,000 \$ - \$ 12,000
Other Contractual Services	\$ 7,800	\$ 7,800	0%	0%	100%	0%	100%		* \$ - \$ - \$ 7,800 \$ - \$ 7,800
Outside Training	\$ 300	\$ 300	0%	0%	100%	0%	100%		* \$ - \$ - \$ 300 \$ - \$ 300
Meals & Food (Inside Williamson County)	\$ 47	\$ 47	0%	0%	100%	0%	100%		* \$ - \$ - \$ 47 \$ - \$ 47
Computer Hardware (<\$25,000)	\$ 6,264	\$ 6,264	0%	0%	100%	0%	100%		* \$ - \$ - \$ 6,264 \$ - \$ 6,264
Admin Services Provided to Other Funds	\$ 1,217,167	\$ 1,217,167	0%	0%	100%	0%	100%		* \$ - \$ - \$ 1,217,167 \$ - \$ 1,217,167
Easements Acquired (<\$25,000)	\$ 4,928	\$ 4,928	0%	0%	100%	0%	100%		* \$ - \$ - \$ 4,928 \$ - \$ 4,928
State Fees	\$ 350	\$ 350	0%	0%	100%	0%	100%		* \$ - \$ - \$ 350 \$ - \$ 350
Vehicle Licenses & Titles	\$ 18	\$ 18	0%	0%	100%	0%	100%		* \$ - \$ - \$ 18 \$ - \$ 18
Transfer to Debt Service Fund	\$ 100,000	\$ 100,000	0%	0%	100%	0%	100%		* \$ - \$ - \$ 100,000 \$ - \$ 100,000
Bond Sales Expense	\$ 187,627	\$ -	\$ -	0%	0%	100%	0%	100%	* \$ - \$ - \$ - \$ - \$ -
Subtotal Water General	\$ 1,706,642	\$ (187,627)	\$ 1,519,015						\$ - \$ - \$ 1,519,015 \$ - \$ 1,519,015
Total Operating Expenses	\$ 11,242,662	\$ (911,903)	\$ 10,330,759						\$ 6,942,526 \$ 427,037 \$ 2,861,175 \$ 100,022 \$ 10,330,759
									67% 4% 28% 1% 100%

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of Base Expenses
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	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Utility Billing & Admin								
Utility Billing	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Admin	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Utility Billing & Admin	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distribution								
Regular Pay	\$ 419,443 30	\$ 252,671	\$ 53,685	\$ 76,227	\$ 6,032	\$ 26,710	\$ 4,117	\$ 419,443
Overtime Pay	\$ 10,889 30	\$ 6,559	\$ 1,394	\$ 1,979	\$ 157	\$ 693	\$ 107	\$ 10,889
FICA (Employer's Share)	\$ 30,678 30	\$ 18,480	\$ 3,926	\$ 5,575	\$ 441	\$ 1,954	\$ 301	\$ 30,678
Medical Premiums	\$ 131,989 30	\$ 79,509	\$ 16,893	\$ 23,987	\$ 1,898	\$ 8,405	\$ 1,295	\$ 131,989
Group Insurance Premiums	\$ 8,755 30	\$ 5,274	\$ 1,121	\$ 1,591	\$ 126	\$ 558	\$ 86	\$ 8,755
Employee Insurance Contributions	\$ (30,162) 30	\$ (18,170)	\$ (3,861)	\$ (5,482)	\$ (434)	\$ (1,921)	\$ (296)	\$ (30,162)
Retirement Contributions	\$ 32,790 30	\$ 19,753	\$ 4,197	\$ 5,959	\$ 472	\$ 2,088	\$ 322	\$ 32,790
Defined Contribution Match	\$ 3,391 30	\$ 2,043	\$ 434	\$ 616	\$ 49	\$ 216	\$ 33	\$ 3,391
Workers Compensation	\$ 6,661 30	\$ 4,013	\$ 853	\$ 1,211	\$ 96	\$ 424	\$ 65	\$ 6,661
Workers Comp Claims (Self Insured)	\$ 29,182 30	\$ 17,579	\$ 3,735	\$ 5,303	\$ 420	\$ 1,858	\$ 286	\$ 29,182
Mailing & Outbound Shipping	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Freight For Inbound Purchased Items	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle License & Titles	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Printing & Copying Expenses, Outsourced	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Testing & Physicals	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lab Fees	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Legal Notices	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Dues For Memberships	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Relations & Education	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electric Service	\$ 52,204 30	\$ 31,447	\$ 6,682	\$ 9,487	\$ 751	\$ 3,324	\$ 512	\$ 52,204
Water/Sewer Service	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater Service	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Solid Waste Service	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Natural Gas Service	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Telephone Service	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cellular Telephone Service	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Computer & Network Services	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Consultant Services	\$ 1,148 30	\$ 691	\$ 147	\$ 209	\$ 17	\$ 73	\$ 11	\$ 1,148
Other Contractual Services	\$ 6,981 30	\$ 4,205	\$ 894	\$ 1,269	\$ 100	\$ 445	\$ 69	\$ 6,981
Vehicle Repair & Maintenance Services	\$ 4,007 30	\$ 2,414	\$ 513	\$ 728	\$ 58	\$ 255	\$ 39	\$ 4,007
Equipment Repair & Maintenance Services	\$ 2,530 30	\$ 1,524	\$ 324	\$ 460	\$ 36	\$ 161	\$ 25	\$ 2,530
Paving & Repair Services	\$ 321 30	\$ 194	\$ 41	\$ 58	\$ 5	\$ 20	\$ 3	\$ 321
Building Maintenance Services	\$ 120 30	\$ 72	\$ 15	\$ 22	\$ 2	\$ 8	\$ 1	\$ 120
Water Tank Maintenance Services	\$ 7,230 30	\$ 4,355	\$ 925	\$ 1,314	\$ 104	\$ 460	\$ 71	\$ 7,230
Employee Wellness Program	\$ 228 30	\$ 137	\$ 29	\$ 41	\$ 3	\$ 15	\$ 2	\$ 228
Employee Recognition/Receptions	\$ 112 30	\$ 67	\$ 14	\$ 20	\$ 2	\$ 7	\$ 1	\$ 112
Outside Training	\$ 1,561 30	\$ 940	\$ 200	\$ 284	\$ 22	\$ 99	\$ 15	\$ 1,561
In-House Training	\$ 53 30	\$ 32	\$ 7	\$ 10	\$ 1	\$ 3	\$ 1	\$ 53
Ground Transportation (Travel)	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Air Travel	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Meals (Outside Williamson County)	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Office Supplies	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Meals & Food (Inside Williamson County)	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Medical Supplies	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Safety Supplies	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Uniforms Purchased	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Consumable Tools	\$ 5,661 30	\$ 3,410	\$ 725	\$ 1,029	\$ 81	\$ 360	\$ 56	\$ 5,661
Other Operating Supplies	\$ 2,988 30	\$ 1,800	\$ 382	\$ 543	\$ 43	\$ 190	\$ 29	\$ 2,988
Gasoline & Diesel For Fleet (Non-Travel)	\$ 11,000 30	\$ 6,626	\$ 1,408	\$ 1,999	\$ 158	\$ 700	\$ 108	\$ 11,000
Machinery & Equipment (<\$25,000)	\$ 12,265 30	\$ 7,389	\$ 1,570	\$ 2,229	\$ 176	\$ 781	\$ 120	\$ 12,265
Computer Hardware (<\$25,000)	\$ 2,768 30	\$ 1,668	\$ 354	\$ 503	\$ 40	\$ 176	\$ 27	\$ 2,768
Vehicle Parts & Supplies	\$ 897 30	\$ 540	\$ 115	\$ 163	\$ 13	\$ 57	\$ 9	\$ 897
Equipment Parts & Supplies	\$ 3,160 30	\$ 1,904	\$ 404	\$ 574	\$ 45	\$ 201	\$ 31	\$ 3,160
Fire Hydrant Supplies	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Paving & Repair Supplies	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Landscaping Supplies	\$ 162 30	\$ 97	\$ 21	\$ 29	\$ 2	\$ 10	\$ 2	\$ 162
Grounds Maintenance Supplies	\$ 49 30	\$ 30	\$ 6	\$ 9	\$ 1	\$ 3	\$ 0	\$ 49
Building Maintenance Supplies	\$ 4,176 30	\$ 2,516	\$ 535	\$ 759	\$ 60	\$ 266	\$ 41	\$ 4,176
Meter Repair/Replacement Supplies	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Repair to Lines Supplies	\$ 104,209 30	\$ 62,775	\$ 13,338	\$ 18,938	\$ 1,499	\$ 6,636	\$ 1,023	\$ 104,209
Water Tank Maintenance Supplies	\$ 64 30	\$ 38	\$ 8	\$ 12	\$ 1	\$ 4	\$ 1	\$ 64
Pump Station Repair Supplies	\$ 3 30	\$ 2	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3
Property & Liability Insurance	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Inland Marine Coverage	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Auto Physical Damage	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Liability Insurance	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Liability Insurance	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Umbrella Liability	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Liability Claims/Deductibles	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Liability Claims/Deductibles	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Easements Acquired <\$25,000	\$ 24,527 30	\$ 14,775	\$ 3,139	\$ 4,457	\$ 353	\$ 1,562	\$ 241	\$ 24,527
Land Use Rental	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Rental & Leases	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State Fees	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
e-Commerce Fees	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lease/Loan Interest	\$ 18,409 30	\$ 11,089	\$ 2,356	\$ 3,345	\$ 265	\$ 1,172	\$ 181	\$ 18,409
Furniture, Fixtures (<\$25,000)	\$ 252 30	\$ 152	\$ 32	\$ 46	\$ 4	\$ 16	\$ 2	\$ 252
Vehicles (<\$25,000)	\$ 13,403 30	\$ 8,074	\$ 1,715	\$ 2,436	\$ 193	\$ 854	\$ 132	\$ 13,403
Computer Software (<\$25,000)	\$ 3,640 30	\$ 2,193	\$ 466	\$ 661	\$ 52	\$ 232	\$ 36	\$ 3,640
Subtotal Distribution	\$ 927,741	\$ 558,868	\$ 118,743	\$ 168,603	\$ 13,343	\$ 59,079	\$ 9,106	\$ 927,741

Water Plant									
Regular Pay	\$ 520,431	30	\$ 313,506	\$ 66,611	\$ 94,581	\$ 7,485	\$ 33,141	\$ 5,108	\$ 520,431
Overtime Pay	\$ 20,869	30	\$ 12,572	\$ 2,671	\$ 3,793	\$ 300	\$ 1,329	\$ 205	\$ 20,869
FICA (Employer's Share)	\$ 39,131	30	\$ 23,572	\$ 5,008	\$ 7,111	\$ 563	\$ 2,492	\$ 384	\$ 39,131
Medical Premiums	\$ 149,150	30	\$ 89,848	\$ 19,090	\$ 27,106	\$ 2,145	\$ 9,498	\$ 1,464	\$ 149,150
Group Insurance Premiums	\$ 10,821	30	\$ 6,519	\$ 1,385	\$ 1,967	\$ 156	\$ 689	\$ 106	\$ 10,821
Employee Insurance Contributions	\$ (31,769)	30	\$ (19,138)	\$ (4,066)	\$ (5,774)	\$ (457)	\$ (2,023)	\$ (312)	\$ (31,769)
Retirement Contributions	\$ 65,889	30	\$ 39,691	\$ 8,433	\$ 11,974	\$ 948	\$ 4,196	\$ 647	\$ 65,889
Defined Contrib Match	\$ 1,693	30	\$ 1,020	\$ 217	\$ 308	\$ 24	\$ 108	\$ 17	\$ 1,693
Workers Compensation	\$ 4,989	30	\$ 3,006	\$ 639	\$ 907	\$ 72	\$ 318	\$ 49	\$ 4,989
Mailing & Outbound Shipping	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Freight For Inbound Purchased Items	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Licenses & Titles	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Printing & Copying Expenses, Outsourced	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lab Fees	\$ 26,107	30	\$ 15,727	\$ 3,341	\$ 4,745	\$ 375	\$ 1,662	\$ 256	\$ 26,107
Dues For Memberships	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electric Service	\$ 86,799	30	\$ 52,288	\$ 11,110	\$ 15,775	\$ 1,248	\$ 5,527	\$ 852	\$ 86,799
Stormwater Service	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Solid Waste Service	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Natural Gas Service	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Telephone Service	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cellular Telephone Service	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Network Service including Internet Connection	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Repair & Maintenance Services	\$ 725	30	\$ 437	\$ 93	\$ 132	\$ 10	\$ 46	\$ 7	\$ 725
Equipment Repair & Maintenance Services	\$ 25,996	30	\$ 15,660	\$ 3,327	\$ 4,724	\$ 374	\$ 1,655	\$ 255	\$ 25,996
Building Maintenance Services	\$ 5,840	30	\$ 3,518	\$ 747	\$ 1,061	\$ 84	\$ 372	\$ 57	\$ 5,840
Employee Recognition/Receptions	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Outside Training	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
In-House Training	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Registrations	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Meals (Outside Williamson County)	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Office Supplies	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Meals & Food (Inside Williamson County)	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lab Chemicals & Supplies	\$ 307,374	30	\$ 185,161	\$ 39,341	\$ 55,861	\$ 4,421	\$ 19,574	\$ 3,017	\$ 307,374
Medical Supplies	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Safety Supplies	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Uniforms Purchased	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Operating Supplies	\$ 1,696	30	\$ 1,021	\$ 217	\$ 308	\$ 24	\$ 108	\$ 17	\$ 1,696
Gasoline & Diesel For Fleet (Non-Travel)	\$ 2,361	30	\$ 1,422	\$ 302	\$ 429	\$ 34	\$ 150	\$ 23	\$ 2,361
Water Purchased	\$ 4,696,834	30	\$ 2,829,354	\$ 601,156	\$ 853,580	\$ 67,549	\$ 299,095	\$ 46,100	\$ 4,696,834
Furniture, Fixtures (<\$25,000)	\$ 380	30	\$ 229	\$ 49	\$ 69	\$ 5	\$ 24	\$ 4	\$ 380
Vehicles (<\$25,000)	\$ 18,430	30	\$ 11,102	\$ 2,359	\$ 3,349	\$ 265	\$ 1,174	\$ 181	\$ 18,430
Machinery & Equipment (<\$25,000)	\$ 28,158	30	\$ 16,963	\$ 3,604	\$ 5,117	\$ 405	\$ 1,793	\$ 276	\$ 28,158
Computer Hardware (<\$25,000)	\$ 1,099	30	\$ 662	\$ 141	\$ 200	\$ 16	\$ 70	\$ 11	\$ 1,099
Vehicle Parts & Supplies	\$ 185	30	\$ 112	\$ 24	\$ 34	\$ 3	\$ 12	\$ 2	\$ 185
Equipment Parts & Supplies	\$ 16,558	30	\$ 9,974	\$ 2,119	\$ 3,009	\$ 238	\$ 1,054	\$ 163	\$ 16,558
Grounds Maintenance Supplies	\$ 428	30	\$ 258	\$ 55	\$ 78	\$ 6	\$ 27	\$ 4	\$ 428
Building Maintenance Supplies	\$ 14,611	30	\$ 8,802	\$ 1,870	\$ 2,655	\$ 210	\$ 930	\$ 143	\$ 14,611
Property & Liability Insurance	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Inland Marine Coverage	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Auto Physical Damage	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Liability Insurance	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Liability Insurance	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Umbrella Liability	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Property Tax - Rental Property	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State Fees	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Water Plant	\$ 6,014,785		\$ 3,623,282	\$ 769,842	\$ 1,093,098	\$ 86,504	\$ 383,022	\$ 59,036	\$ 6,014,785

Water General									
Medical Premiums	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Group Insurance Premiums	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Employee Insurance Contributions	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Compensated Absences	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pension Expense	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Testing & Physicals	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Legal Notices	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater Service	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Solid Waste Service	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Telephone Service	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Network Service including Internet Connection	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Audit Services	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Contractual Services	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Outside Training	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Meals & Food (Inside Williamson County)	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Computer Hardware (<\$25,000)	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Admin Services Provided to Other Funds	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Easements Acquired (<\$25,000)	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State Fees	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Licenses & Titles	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transfer to Debt Service Fund	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond Sales Expense	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Water General	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Operating Expenses	\$ 6,942,526		\$ 4,182,150	\$ 888,585	\$ 1,261,702	\$ 99,846	\$ 442,100	\$ 68,142	\$ 6,942,526

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of Extra-Capacity Expenses
[Main Menu](#)

	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Utility Billing & Admin								
Utility Billing	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Admin	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Utility Billing & Admin	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distribution								
Regular Pay	\$145,628 33	\$ 82,618	\$19,577	\$22,146	\$2,826	\$15,967	\$2,495	\$145,628
Overtime Pay	\$ 3,781 33	\$ 2,145	\$ 508	\$ 575	\$ 73	\$ 415	\$ 65	\$ 3,781
FICA (Employer's Share)	\$ 10,651 33	\$ 6,043	\$ 1,432	\$ 1,620	\$ 207	\$ 1,168	\$ 182	\$ 10,651
Medical Premiums	\$ 45,826 33	\$ 25,998	\$ 6,160	\$ 6,969	\$ 889	\$ 5,025	\$ 785	\$ 45,826
Group Insurance Premiums	\$ 3,040 33	\$ 1,725	\$ 409	\$ 462	\$ 59	\$ 333	\$ 52	\$ 3,040
Employee Insurance Contributions	\$ (10,472) 33	\$ (5,941)	\$ (1,408)	\$ (1,592)	\$ (203)	\$ (1,148)	\$ (179)	\$ (10,472)
Retirement Contributions	\$ 11,385 33	\$ 6,459	\$ 1,530	\$ 1,731	\$ 221	\$ 1,248	\$ 195	\$ 11,385
Defined Contribution Match	\$ 1,177 33	\$ 668	\$ 158	\$ 179	\$ 23	\$ 129	\$ 20	\$ 1,177
Workers Compensation	\$ 2,313 33	\$ 1,312	\$ 311	\$ 352	\$ 45	\$ 254	\$ 40	\$ 2,313
Workers Comp Claims (Self Insured)	\$ 10,132 33	\$ 5,748	\$ 1,362	\$ 1,541	\$ 197	\$ 1,111	\$ 174	\$ 10,132
Mailing & Outbound Shipping	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Freight For Inbound Purchased Items	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle License & Titles	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Printing & Copying Expenses, Outsourced	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Testing & Physicals	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lab Fees	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Legal Notices	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Dues For Memberships	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Relations & Education	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electric Service	\$ 18,125 33	\$ 10,283	\$ 2,437	\$ 2,756	\$ 352	\$ 1,987	\$ 310	\$ 18,125
Water/Sewer Service	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater Service	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Solid Waste Service	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Natural Gas Service	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Telephone Service	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cellular Telephone Service	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Computer & Network Services	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Consultant Services	\$ 398 33	\$ 226	\$ 54	\$ 61	\$ 8	\$ 44	\$ 7	\$ 398
Other Contractual Services	\$ 2,424 33	\$ 1,375	\$ 326	\$ 369	\$ 47	\$ 266	\$ 42	\$ 2,424
Vehicle Repair & Maintenance Services	\$ 1,391 33	\$ 789	\$ 187	\$ 212	\$ 27	\$ 153	\$ 24	\$ 1,391
Equipment Repair & Maintenance Services	\$ 878 33	\$ 498	\$ 118	\$ 134	\$ 17	\$ 96	\$ 15	\$ 878
Paving & Repair Services	\$ 112 33	\$ 63	\$ 15	\$ 17	\$ 2	\$ 12	\$ 2	\$ 112
Building Maintenance Services	\$ 42 33	\$ 24	\$ 6	\$ 6	\$ 1	\$ 5	\$ 1	\$ 42
Water Tank Maintenance Services	\$ 2,510 33	\$ 1,424	\$ 337	\$ 382	\$ 49	\$ 275	\$ 43	\$ 2,510
Employee Wellness Program	\$ 79 33	\$ 45	\$ 11	\$ 12	\$ 2	\$ 9	\$ 1	\$ 79
Employee Recognition/Receptions	\$ 39 33	\$ 22	\$ 5	\$ 6	\$ 1	\$ 4	\$ 1	\$ 39
Outside Training	\$ 542 33	\$ 307	\$ 73	\$ 82	\$ 11	\$ 59	\$ 9	\$ 542
In-House Training	\$ 18 33	\$ 10	\$ 2	\$ 3	\$ 0	\$ 2	\$ 0	\$ 18
Ground Transportation (Travel)	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Air Travel	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Meals (Outside Williamson County)	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Office Supplies	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Meals & Food (Inside Williamson County)	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Medical Supplies	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Safety Supplies	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Uniforms Purchased	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Consumable Tools	\$ 1,965 33	\$ 1,115	\$ 264	\$ 299	\$ 38	\$ 215	\$ 34	\$ 1,965
Other Operating Supplies	\$ 1,037 33	\$ 588	\$ 139	\$ 158	\$ 20	\$ 114	\$ 18	\$ 1,037
Gasoline & Diesel For Fleet (Non-Travel)	\$ 3,819 33	\$ 2,167	\$ 513	\$ 581	\$ 74	\$ 419	\$ 65	\$ 3,819
Machinery & Equipment (<\$25,000)	\$ 4,258 33	\$ 2,416	\$ 572	\$ 648	\$ 83	\$ 467	\$ 73	\$ 4,258
Computer Hardware (<\$25,000)	\$ 961 33	\$ 545	\$ 129	\$ 146	\$ 19	\$ 105	\$ 16	\$ 961
Vehicle Parts & Supplies	\$ 311 33	\$ 177	\$ 42	\$ 47	\$ 6	\$ 34	\$ 5	\$ 311
Equipment Parts & Supplies	\$ 1,097 33	\$ 622	\$ 147	\$ 167	\$ 21	\$ 120	\$ 19	\$ 1,097
Fire Hydrant Supplies	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Paving & Repair Supplies	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Landscaping Supplies	\$ 56 33	\$ 32	\$ 8	\$ 9	\$ 1	\$ 6	\$ 1	\$ 56
Grounds Maintenance Supplies	\$ 17 33	\$ 10	\$ 2	\$ 3	\$ 0	\$ 2	\$ 0	\$ 17
Building Maintenance Supplies	\$ 1,450 33	\$ 823	\$ 195	\$ 221	\$ 28	\$ 159	\$ 25	\$ 1,450
Meter Repair/Replacement Supplies	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Repair to Lines Supplies	\$ 36,181 33	\$ 20,526	\$ 4,864	\$ 5,502	\$ 702	\$ 3,967	\$ 620	\$ 36,181
Water Tank Maintenance Supplies	\$ 22 33	\$ 13	\$ 3	\$ 3	\$ 0	\$ 2	\$ 0	\$ 22
Pump Station Repair Supplies	\$ 1 33	\$ 1	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1
Property & Liability Insurance	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Inland Marine Coverage	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Auto Physical Damage	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Liability Insurance	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Liability Insurance	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Umbrella Liability	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Liability Claims/Deductibles	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Liability Claims/Deductibles	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Easements Acquired <\$25,000	\$ 8,516 33	\$ 4,831	\$ 1,145	\$ 1,295	\$ 165	\$ 934	\$ 146	\$ 8,516
Land Use Rental	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Rental & Leases	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State Fees	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
e-Commerce Fees	\$ - 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lease/Loan Interest	\$ 6,391 33	\$ 3,626	\$ 859	\$ 972	\$ 124	\$ 701	\$ 109	\$ 6,391
Furniture, Fixtures (<\$25,000)	\$ 88 33	\$ 50	\$ 12	\$ 13	\$ 2	\$ 10	\$ 2	\$ 88
Vehicles (<\$25,000)	\$ 4,654 33	\$ 2,640	\$ 626	\$ 708	\$ 90	\$ 510	\$ 80	\$ 4,654
Computer Software (<\$25,000)	\$ 1,264 33	\$ 717	\$ 170	\$ 192	\$ 25	\$ 139	\$ 22	\$ 1,264
Subtotal Distribution	\$322,107	\$182,739	\$43,301	\$48,983	\$6,250	\$35,317	\$5,518	\$322,107

Water Plant									
Regular Pay	\$ 55,470	33	\$ 31,469	\$ 7,457	\$ 8,435	\$ 1,076	\$ 6,082	\$ 950	\$ 55,470
Overtime Pay	\$ 2,224	33	\$ 1,262	\$ 299	\$ 338	\$ 43	\$ 244	\$ 38	\$ 2,224
FICA (Employer's Share)	\$ 4,171	33	\$ 2,366	\$ 561	\$ 634	\$ 81	\$ 457	\$ 71	\$ 4,171
Medical Premiums	\$ 15,897	33	\$ 9,019	\$ 2,137	\$ 2,417	\$ 308	\$ 1,743	\$ 272	\$ 15,897
Group Insurance Premiums	\$ 1,153	33	\$ 654	\$ 155	\$ 175	\$ 22	\$ 126	\$ 20	\$ 1,153
Employee Insurance Contributions	\$ (3,386)	33	\$ (1,921)	\$ (455)	\$ (515)	\$ (66)	\$ (371)	\$ (58)	\$ (3,386)
Retirement Contributions	\$ 7,023	33	\$ 3,984	\$ 944	\$ 1,068	\$ 136	\$ 770	\$ 120	\$ 7,023
Defined Contrib Match	\$ 180	33	\$ 102	\$ 24	\$ 27	\$ 4	\$ 20	\$ 3	\$ 180
Workers Compensation	\$ 532	33	\$ 302	\$ 71	\$ 81	\$ 10	\$ 58	\$ 9	\$ 532
Mailing & Outbound Shipping	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Freight For Inbound Purchased Items	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Licenses & Titles	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Printing & Copying Expenses, Outsourced	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lab Fees	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Dues For Memberships	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electric Service	\$ 9,251	33	\$ 5,249	\$ 1,244	\$ 1,407	\$ 180	\$ 1,014	\$ 158	\$ 9,251
Stormwater Service	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Solid Waste Service	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Natural Gas Service	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Telephone Service	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cellular Telephone Service	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Network Service including Internet Connection	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Repair & Maintenance Services	\$ 77	33	\$ 44	\$ 10	\$ 12	\$ 1	\$ 8	\$ 1	\$ 77
Equipment Repair & Maintenance Services	\$ 2,771	33	\$ 1,572	\$ 372	\$ 421	\$ 54	\$ 304	\$ 47	\$ 2,771
Building Maintenance Services	\$ 622	33	\$ 353	\$ 84	\$ 95	\$ 12	\$ 68	\$ 11	\$ 622
Employee Recognition/Receptions	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Outside Training	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
In-House Training	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Registrations	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Meals (Outside Williamson County)	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Office Supplies	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Meals & Food (Inside Williamson County)	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lab Chemicals & Supplies	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Medical Supplies	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Safety Supplies	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Uniforms Purchased	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Operating Supplies	\$ 181	33	\$ 103	\$ 24	\$ 27	\$ 4	\$ 20	\$ 3	\$ 181
Gasoline & Diesel For Fleet (Non-Travel)	\$ 252	33	\$ 143	\$ 34	\$ 38	\$ 5	\$ 28	\$ 4	\$ 252
Water Purchased	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Furniture, Fixtures (<\$25,000)	\$ 40	33	\$ 23	\$ 5	\$ 6	\$ 1	\$ 4	\$ 1	\$ 40
Vehicles (<\$25,000)	\$ 1,964	33	\$ 1,114	\$ 264	\$ 299	\$ 38	\$ 215	\$ 34	\$ 1,964
Machinery & Equipment (<\$25,000)	\$ 3,001	33	\$ 1,703	\$ 403	\$ 456	\$ 58	\$ 329	\$ 51	\$ 3,001
Computer Hardware (<\$25,000)	\$ 117	33	\$ 66	\$ 16	\$ 18	\$ 2	\$ 13	\$ 2	\$ 117
Vehicle Parts & Supplies	\$ 20	33	\$ 11	\$ 3	\$ 3	\$ 0	\$ 2	\$ 0	\$ 20
Equipment Parts & Supplies	\$ 1,765	33	\$ 1,001	\$ 237	\$ 268	\$ 34	\$ 194	\$ 30	\$ 1,765
Grounds Maintenance Supplies	\$ 46	33	\$ 26	\$ 6	\$ 7	\$ 1	\$ 5	\$ 1	\$ 46
Building Maintenance Supplies	\$ 1,557	33	\$ 884	\$ 209	\$ 237	\$ 30	\$ 171	\$ 27	\$ 1,557
Property & Liability Insurance	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Inland Marine Coverage	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Auto Physical Damage	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Liability Insurance	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Liability Insurance	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Umbrella Liability	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Property Tax - Rental Property	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State Fees	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Water Plant	\$104,930		\$ 59,529	\$14,106	\$15,957	\$2,036	\$11,505	\$1,797	\$104,930
Water General									
Medical Premiums	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Group Insurance Premiums	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Employee Insurance Contributions	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Compensated Absences	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pension Expense	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Testing & Physicals	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Legal Notices	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater Service	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Solid Waste Service	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Telephone Service	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Network Service including Internet Connection	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Audit Services	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Contractual Services	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Outside Training	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Meals & Food (Inside Williamson County)	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Computer Hardware (<\$25,000)	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Admin Services Provided to Other Funds	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Easements Acquired (<\$25,000)	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State Fees	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Licenses & Titles	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transfer to Debt Service Fund	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond Sales Expense	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Water General	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Operating Expenses	\$427,037		\$242,268	\$57,406	\$64,939	\$8,286	\$46,822	\$7,315	\$427,037

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of Customer Expenses
[Main Menu](#)

	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Utility Billing & Admin								
Utility Billing	\$ 80,833 21	\$ 62,435	\$ 12,210	\$ 4,649	\$ 303	\$ 893	\$ 343	\$ 80,833
Utility Admin	\$ 471,217 21	\$ 363,964	\$ 71,180	\$ 27,101	\$ 1,764	\$ 5,208	\$ 2,000	\$ 471,217
Subtotal Utility Billing & Admin	\$ 552,050	\$ 426,399	\$ 83,390	\$ 31,750	\$ 2,067	\$ 6,101	\$ 2,343	\$ 552,050
Distribution								
Regular Pay	\$ 126,601 21	\$ 97,786	\$ 19,124	\$ 7,281	\$ 474	\$ 1,399	\$ 537	\$ 126,601
Overtime Pay	\$ 3,287 21	\$ 2,539	\$ 496	\$ 189	\$ 12	\$ 36	\$ 14	\$ 3,287
FICA (Employer's Share)	\$ 9,259 21	\$ 7,152	\$ 1,399	\$ 533	\$ 35	\$ 102	\$ 39	\$ 9,259
Medical Premiums	\$ 39,838 21	\$ 30,771	\$ 6,018	\$ 2,291	\$ 149	\$ 440	\$ 169	\$ 39,838
Group Insurance Premiums	\$ 2,643 21	\$ 2,041	\$ 399	\$ 152	\$ 10	\$ 29	\$ 11	\$ 2,643
Employee Insurance Contributions	\$ (9,104) 21	\$ (7,032)	\$ (1,375)	\$ (524)	\$ (34)	\$ (101)	\$ (39)	\$ (9,104)
Retirement Contributions	\$ 9,897 21	\$ 7,644	\$ 1,495	\$ 569	\$ 37	\$ 109	\$ 42	\$ 9,897
Defined Contribution Match	\$ 1,023 21	\$ 790	\$ 155	\$ 59	\$ 4	\$ 11	\$ 4	\$ 1,023
Workers Compensation	\$ 2,010 21	\$ 1,553	\$ 304	\$ 116	\$ 8	\$ 22	\$ 9	\$ 2,010
Workers Comp Claims (Self Insured)	\$ 8,808 21	\$ 6,803	\$ 1,331	\$ 507	\$ 33	\$ 97	\$ 37	\$ 8,808
Mailing & Outbound Shipping	\$ 180 21	\$ 139	\$ 27	\$ 10	\$ 1	\$ 2	\$ 1	\$ 180
Freight For Inbound Purchased Items	\$ 70 21	\$ 54	\$ 11	\$ 4	\$ 0	\$ 1	\$ 0	\$ 70
Vehicle License & Titles	\$ 176 21	\$ 136	\$ 27	\$ 10	\$ 1	\$ 2	\$ 1	\$ 176
Printing & Copying Expenses, Outsourced	\$ 807 21	\$ 623	\$ 122	\$ 46	\$ 3	\$ 9	\$ 3	\$ 807
Testing & Physicals	\$ 2,080 21	\$ 1,607	\$ 314	\$ 120	\$ 8	\$ 23	\$ 9	\$ 2,080
Lab Fees	\$ 484 21	\$ 374	\$ 73	\$ 28	\$ 2	\$ 5	\$ 2	\$ 484
Legal Notices	\$ 185 21	\$ 143	\$ 28	\$ 11	\$ 1	\$ 2	\$ 1	\$ 185
Dues For Memberships	\$ 386 21	\$ 298	\$ 58	\$ 22	\$ 1	\$ 4	\$ 2	\$ 386
Public Relations & Education	\$ 195 21	\$ 151	\$ 29	\$ 11	\$ 1	\$ 2	\$ 1	\$ 195
Electric Service	\$ 15,757 21	\$ 12,170	\$ 2,380	\$ 906	\$ 59	\$ 174	\$ 67	\$ 15,757
Water/Sewer Service	\$ 772 21	\$ 596	\$ 117	\$ 44	\$ 3	\$ 9	\$ 3	\$ 772
Stormwater Service	\$ 4,179 21	\$ 3,228	\$ 631	\$ 240	\$ 16	\$ 46	\$ 18	\$ 4,179
Solid Waste Service	\$ 2,663 21	\$ 2,057	\$ 402	\$ 153	\$ 10	\$ 29	\$ 11	\$ 2,663
Natural Gas Service	\$ 2,913 21	\$ 2,250	\$ 440	\$ 168	\$ 11	\$ 32	\$ 12	\$ 2,913
Telephone Service	\$ 585 21	\$ 452	\$ 88	\$ 34	\$ 2	\$ 6	\$ 2	\$ 585
Cellular Telephone Service	\$ 7,475 21	\$ 5,774	\$ 1,129	\$ 430	\$ 28	\$ 83	\$ 32	\$ 7,475
Computer & Network Services	\$ 1,583 21	\$ 1,223	\$ 239	\$ 91	\$ 6	\$ 17	\$ 7	\$ 1,583
Consultant Services	\$ 346 21	\$ 268	\$ 52	\$ 20	\$ 1	\$ 4	\$ 1	\$ 346
Other Contractual Services	\$ 2,107 21	\$ 1,628	\$ 318	\$ 121	\$ 8	\$ 23	\$ 9	\$ 2,107
Vehicle Repair & Maintenance Services	\$ 1,210 21	\$ 934	\$ 183	\$ 70	\$ 5	\$ 13	\$ 5	\$ 1,210
Equipment Repair & Maintenance Services	\$ 764 21	\$ 590	\$ 115	\$ 44	\$ 3	\$ 8	\$ 3	\$ 764
Paving & Repair Services	\$ 97 21	\$ 75	\$ 15	\$ 6	\$ 0	\$ 1	\$ 0	\$ 97
Building Maintenance Services	\$ 36 21	\$ 28	\$ 5	\$ 2	\$ 0	\$ 0	\$ 0	\$ 36
Water Tank Maintenance Services	\$ 2,182 21	\$ 1,686	\$ 330	\$ 126	\$ 8	\$ 24	\$ 9	\$ 2,182
Employee Wellness Program	\$ 69 21	\$ 53	\$ 10	\$ 4	\$ 0	\$ 1	\$ 0	\$ 69
Employee Recognition/Receptions	\$ 34 21	\$ 26	\$ 5	\$ 2	\$ 0	\$ 0	\$ 0	\$ 34
Outside Training	\$ 471 21	\$ 364	\$ 71	\$ 27	\$ 2	\$ 5	\$ 2	\$ 471
In-House Training	\$ 16 21	\$ 12	\$ 2	\$ 1	\$ 0	\$ 0	\$ 0	\$ 16
Ground Transportation (Travel)	\$ 489 21	\$ 378	\$ 74	\$ 28	\$ 2	\$ 5	\$ 2	\$ 489
Air Travel	\$ (226) 21	\$ (175)	\$ (34)	\$ (13)	\$ (1)	\$ (2)	\$ (1)	\$ (226)
Meals (Outside Williamson County)	\$ 474 21	\$ 366	\$ 72	\$ 27	\$ 2	\$ 5	\$ 2	\$ 474
Office Supplies	\$ 810 21	\$ 626	\$ 122	\$ 47	\$ 3	\$ 9	\$ 3	\$ 810
Meals & Food (Inside Williamson County)	\$ 1,821 21	\$ 1,407	\$ 275	\$ 105	\$ 7	\$ 20	\$ 8	\$ 1,821
Medical Supplies	\$ 401 21	\$ 310	\$ 61	\$ 23	\$ 2	\$ 4	\$ 2	\$ 401
Safety Supplies	\$ 11,397 21	\$ 8,803	\$ 1,722	\$ 655	\$ 43	\$ 126	\$ 48	\$ 11,397
Uniforms Purchased	\$ 5,235 21	\$ 4,043	\$ 791	\$ 301	\$ 20	\$ 58	\$ 22	\$ 5,235
Consumable Tools	\$ 1,709 21	\$ 1,320	\$ 258	\$ 98	\$ 6	\$ 19	\$ 7	\$ 1,709
Other Operating Supplies	\$ 902 21	\$ 696	\$ 136	\$ 52	\$ 3	\$ 10	\$ 4	\$ 902
Gasoline & Diesel For Fleet (Non-Travel)	\$ 3,320 21	\$ 2,565	\$ 502	\$ 191	\$ 12	\$ 37	\$ 14	\$ 3,320
Machinery & Equipment (<\$25,000)	\$ 3,702 21	\$ 2,859	\$ 559	\$ 213	\$ 14	\$ 41	\$ 16	\$ 3,702
Computer Hardware (<\$25,000)	\$ 836 21	\$ 645	\$ 126	\$ 48	\$ 3	\$ 9	\$ 4	\$ 836
Vehicle Parts & Supplies	\$ 271 21	\$ 209	\$ 41	\$ 16	\$ 1	\$ 3	\$ 1	\$ 271
Equipment Parts & Supplies	\$ 954 21	\$ 737	\$ 144	\$ 55	\$ 4	\$ 11	\$ 4	\$ 954
Fire Hydrant Supplies	\$ - 21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Paving & Repair Supplies	\$ 47,800 21	\$ 36,921	\$ 7,221	\$ 2,749	\$ 179	\$ 528	\$ 203	\$ 47,800
Landscaping Supplies	\$ 49 21	\$ 38	\$ 7	\$ 3	\$ 0	\$ 1	\$ 0	\$ 49
Grounds Maintenance Supplies	\$ 15 21	\$ 11	\$ 2	\$ 1	\$ 0	\$ 0	\$ 0	\$ 15
Building Maintenance Supplies	\$ 1,261 21	\$ 974	\$ 190	\$ 72	\$ 5	\$ 14	\$ 5	\$ 1,261
Meter Repair/Replacement Supplies	\$ 283,392 21	\$ 218,890	\$ 42,808	\$ 16,299	\$ 1,061	\$ 3,132	\$ 1,203	\$ 283,392
Repair to Lines Supplies	\$ 31,454 21	\$ 24,294	\$ 4,751	\$ 1,809	\$ 118	\$ 348	\$ 133	\$ 31,454
Water Tank Maintenance Supplies	\$ 19 21	\$ 15	\$ 3	\$ 1	\$ 0	\$ 0	\$ 0	\$ 19
Pump Station Repair Supplies	\$ 1 21	\$ 1	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1
Property & Liability Insurance	\$ 20,333 21	\$ 15,705	\$ 3,071	\$ 1,169	\$ 76	\$ 225	\$ 86	\$ 20,333
Inland Marine Coverage	\$ 1,415 21	\$ 1,093	\$ 214	\$ 81	\$ 5	\$ 16	\$ 6	\$ 1,415
Auto Physical Damage	\$ 775 21	\$ 598	\$ 117	\$ 45	\$ 3	\$ 9	\$ 3	\$ 775
Liability Insurance	\$ 6,088 21	\$ 4,702	\$ 920	\$ 350	\$ 23	\$ 67	\$ 26	\$ 6,088
Vehicle Liability Insurance	\$ 7,705 21	\$ 5,951	\$ 1,164	\$ 443	\$ 29	\$ 85	\$ 33	\$ 7,705
Umbrella Liability	\$ 1,151 21	\$ 889	\$ 174	\$ 66	\$ 4	\$ 13	\$ 5	\$ 1,151
Liability Claims/Deductibles	\$ 5,230 21	\$ 4,039	\$ 790	\$ 301	\$ 20	\$ 58	\$ 22	\$ 5,230
Vehicle Liability Claims/Deductibles	\$ 1,131 21	\$ 874	\$ 171	\$ 65	\$ 4	\$ 13	\$ 5	\$ 1,131
Easements Acquired <\$25,000	\$ 7,403 21	\$ 5,718	\$ 1,118	\$ 426	\$ 28	\$ 82	\$ 31	\$ 7,403
Land Use Rental	\$ 50 21	\$ 39	\$ 8	\$ 3	\$ 0	\$ 1	\$ 0	\$ 50
Equipment Rental & Leases	\$ 146 21	\$ 113	\$ 22	\$ 8	\$ 1	\$ 2	\$ 1	\$ 146
State Fees	\$ 32,228 21	\$ 24,893	\$ 4,868	\$ 1,854	\$ 121	\$ 356	\$ 137	\$ 32,228
e-Commerce Fees	\$ 6 21	\$ 5	\$ 1	\$ 0	\$ 0	\$ 0	\$ 0	\$ 6
Lease/Loan Interest	\$ 5,556 21	\$ 4,292	\$ 839	\$ 320	\$ 21	\$ 61	\$ 24	\$ 5,556
Furniture, Fixtures (<\$25,000)	\$ 76 21	\$ 59	\$ 12	\$ 4	\$ 0	\$ 1	\$ 0	\$ 76
Vehicles (<\$25,000)	\$ 4,046 21	\$ 3,125	\$ 611	\$ 233	\$ 15	\$ 45	\$ 17	\$ 4,046
Computer Software (<\$25,000)	\$ 1,099 21	\$ 849	\$ 166	\$ 63	\$ 4	\$ 12	\$ 5	\$ 1,099
Subtotal Distribution	\$ 732,607	\$ 565,859	\$ 110,664	\$ 42,135	\$ 2,743	\$ 8,097	\$ 3,109	\$ 732,607

Water Plant											
Regular Pay	\$	-	21	\$	-	\$	-	\$	-	\$	-
Overtime Pay	\$	-	21	\$	-	\$	-	\$	-	\$	-
FICA (Employer's Share)	\$	-	21	\$	-	\$	-	\$	-	\$	-
Medical Premiums	\$	-	21	\$	-	\$	-	\$	-	\$	-
Group Insurance Premiums	\$	-	21	\$	-	\$	-	\$	-	\$	-
Employee Insurance Contributions	\$	-	21	\$	-	\$	-	\$	-	\$	-
Retirement Contributions	\$	-	21	\$	-	\$	-	\$	-	\$	-
Defined Contrib Match	\$	-	21	\$	-	\$	-	\$	-	\$	-
Workers Compensation	\$	-	21	\$	-	\$	-	\$	-	\$	-
Mailing & Outbound Shipping	\$	1,497	21	\$	1,156	\$	226	\$	86	\$	6
Freight For Inbound Purchased Items	\$	1,323	21	\$	1,022	\$	200	\$	76	\$	5
Vehicle Licenses & Titles	\$	45	21	\$	35	\$	7	\$	3	\$	0
Printing & Copying Expenses, Outsourced	\$	1,915	21	\$	1,479	\$	289	\$	110	\$	7
Lab Fees	\$	-	21	\$	-	\$	-	\$	-	\$	-
Dues For Memberships	\$	236	21	\$	182	\$	36	\$	14	\$	1
Electric Service	\$	-	21	\$	-	\$	-	\$	-	\$	-
Stormwater Service	\$	758	21	\$	586	\$	115	\$	44	\$	3
Solid Waste Service	\$	2,280	21	\$	1,761	\$	344	\$	131	\$	9
Natural Gas Service	\$	1,465	21	\$	1,131	\$	221	\$	84	\$	5
Telephone Service	\$	2,315	21	\$	1,788	\$	350	\$	133	\$	9
Cellular Telephone Service	\$	1,409	21	\$	1,088	\$	213	\$	81	\$	5
Network Service including Internet Connection	\$	1,143	21	\$	883	\$	173	\$	66	\$	4
Vehicle Repair & Maintenance Services	\$	-	21	\$	-	\$	-	\$	-	\$	-
Equipment Repair & Maintenance Services	\$	-	21	\$	-	\$	-	\$	-	\$	-
Building Maintenance Services	\$	-	21	\$	-	\$	-	\$	-	\$	-
Employee Recognition/Receptions	\$	105	21	\$	81	\$	16	\$	6	\$	0
Outside Training	\$	160	21	\$	124	\$	24	\$	9	\$	1
In-House Training	\$	27	21	\$	21	\$	4	\$	2	\$	0
Registrations	\$	2,263	21	\$	1,748	\$	342	\$	130	\$	8
Meals (Outside Williamson County)	\$	69	21	\$	53	\$	10	\$	4	\$	0
Office Supplies	\$	774	21	\$	598	\$	117	\$	45	\$	3
Meals & Food (Inside Williamson County)	\$	381	21	\$	294	\$	58	\$	22	\$	1
Lab Chemicals & Supplies	\$	-	21	\$	-	\$	-	\$	-	\$	-
Medical Supplies	\$	1,280	21	\$	988	\$	193	\$	74	\$	5
Safety Supplies	\$	765	21	\$	591	\$	116	\$	44	\$	3
Uniforms Purchased	\$	2,647	21	\$	2,044	\$	400	\$	152	\$	10
Other Operating Supplies	\$	-	21	\$	-	\$	-	\$	-	\$	-
Gasoline & Diesel For Fleet (Non-Travel)	\$	-	21	\$	-	\$	-	\$	-	\$	-
Water Purchased	\$	-	21	\$	-	\$	-	\$	-	\$	-
Furniture, Fixtures (<\$25,000)	\$	-	21	\$	-	\$	-	\$	-	\$	-
Vehicles (<\$25,000)	\$	-	21	\$	-	\$	-	\$	-	\$	-
Machinery & Equipment (<\$25,000)	\$	-	21	\$	-	\$	-	\$	-	\$	-
Computer Hardware (<\$25,000)	\$	-	21	\$	-	\$	-	\$	-	\$	-
Vehicle Parts & Supplies	\$	-	21	\$	-	\$	-	\$	-	\$	-
Equipment Parts & Supplies	\$	-	21	\$	-	\$	-	\$	-	\$	-
Grounds Maintenance Supplies	\$	-	21	\$	-	\$	-	\$	-	\$	-
Building Maintenance Supplies	\$	-	21	\$	-	\$	-	\$	-	\$	-
Property & Liability Insurance	\$	9,509	21	\$	7,344	\$	1,436	\$	547	\$	36
Inland Marine Coverage	\$	568	21	\$	439	\$	86	\$	33	\$	2
Auto Physical Damage	\$	124	21	\$	96	\$	19	\$	7	\$	0
Liability Insurance	\$	18,434	21	\$	14,238	\$	2,785	\$	1,060	\$	69
Vehicle Liability Insurance	\$	2,055	21	\$	1,587	\$	310	\$	118	\$	8
Umbrella Liability	\$	3,485	21	\$	2,692	\$	526	\$	200	\$	13
Property Tax - Rental Property	\$	387	21	\$	299	\$	58	\$	22	\$	1
State Fees	\$	85	21	\$	66	\$	13	\$	5	\$	0
Subtotal Water Plant	\$	57,502		\$	44,414	\$	8,686	\$	3,307	\$	215

Water General																	
Medical Premiums	\$	78,757	21	\$	60,831	\$	11,897	\$	4,530	\$	295	\$	870	\$	334	\$	78,757
Group Insurance Premiums	\$	236	21	\$	182	\$	36	\$	14	\$	1	\$	3	\$	1	\$	236
Employee Insurance Contributions	\$	(5,345)	21	\$	(4,128)	\$	(807)	\$	(307)	\$	(20)	\$	(59)	\$	(23)	\$	(5,345)
Compensated Absences	\$	20,160	21	\$	15,572	\$	3,045	\$	1,160	\$	75	\$	223	\$	86	\$	20,160
Pension Expense	\$	67,165	21	\$	51,878	\$	10,146	\$	3,863	\$	251	\$	742	\$	285	\$	67,165
Testing & Physicals	\$	2,741	21	\$	2,117	\$	414	\$	158	\$	10	\$	30	\$	12	\$	2,741
Legal Notices	\$	3,676	21	\$	2,839	\$	555	\$	211	\$	14	\$	41	\$	16	\$	3,676
Stormwater Service	\$	981	21	\$	758	\$	148	\$	56	\$	4	\$	11	\$	4	\$	981
Solid Waste Service	\$	20	21	\$	15	\$	3	\$	1	\$	0	\$	0	\$	0	\$	20
Telephone Service	\$	823	21	\$	636	\$	124	\$	47	\$	3	\$	9	\$	3	\$	823
Network Service including Internet Connection	\$	927	21	\$	716	\$	140	\$	53	\$	3	\$	10	\$	4	\$	927
Audit Services	\$	12,000	21	\$	9,269	\$	1,813	\$	690	\$	45	\$	133	\$	51	\$	12,000
Other Contractual Services	\$	7,800	21	\$	6,025	\$	1,178	\$	449	\$	29	\$	86	\$	33	\$	7,800
Outside Training	\$	300	21	\$	232	\$	45	\$	17	\$	1	\$	3	\$	1	\$	300
Meals & Food (Inside Williamson County)	\$	47	21	\$	36	\$	7	\$	3	\$	0	\$	1	\$	0	\$	47
Computer Hardware (<\$25,000)	\$	6,264	21	\$	4,838	\$	946	\$	360	\$	23	\$	69	\$	27	\$	6,264
Admin Services Provided to Other Funds	\$	1,217,167	21	\$	940,129	\$	183,860	\$	70,004	\$	4,557	\$	13,452	\$	5,165	\$	1,217,167
Easements Acquired (<\$25,000)	\$	4,928	21	\$	3,806	\$	744	\$	283	\$	18	\$	54	\$	21	\$	4,928
State Fees	\$	350	21	\$	270	\$	53	\$	20	\$	1	\$	4	\$	1	\$	350
Vehicle Licenses & Titles	\$	18	21	\$	14	\$	3	\$	1	\$	0	\$	0	\$	0	\$	18
Transfer to Debt Service Fund	\$	100,000	21	\$	77,239	\$	15,106	\$	5,751	\$	374	\$	1,105	\$	424	\$	100,000
Bond Sales Expense	\$	-	21	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Subtotal Water General		<u>\$1,519,015</u>			<u>\$1,173,274</u>		<u>\$229,456</u>		<u>\$ 87,364</u>		<u>\$ 5,687</u>		<u>\$16,788</u>		<u>\$ 6,446</u>		<u>\$1,519,015</u>
Total Operating Expenses		<u>\$2,861,175</u>			<u>\$2,209,946</u>		<u>\$432,197</u>		<u>\$164,556</u>		<u>\$10,711</u>		<u>\$31,622</u>		<u>\$12,142</u>		<u>\$2,861,175</u>

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of Fire Protection Expenses
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	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Utility Billing & Admin								
Utility Billing	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Admin	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Utility Billing & Admin	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distribution								
Regular Pay	\$ 39,290 40	\$ 25,972	\$ 5,079	\$ 7,736	\$ 504	\$ -	\$ -	\$ 39,290
Overtime Pay	\$ 1,020 40	\$ 674	\$ 132	\$ 201	\$ 13	\$ -	\$ -	\$ 1,020
FICA (Employer's Share)	\$ 2,874 40	\$ 1,900	\$ 371	\$ 566	\$ 37	\$ -	\$ -	\$ 2,874
Medical Premiums	\$ 12,364 40	\$ 8,173	\$ 1,598	\$ 2,434	\$ 158	\$ -	\$ -	\$ 12,364
Group Insurance Premiums	\$ 820 40	\$ 542	\$ 106	\$ 161	\$ 11	\$ -	\$ -	\$ 820
Employee Insurance Contributions	\$ (2,825) 40	\$ (1,868)	\$ (365)	\$ (556)	\$ (36)	\$ -	\$ -	\$ (2,825)
Retirement Contributions	\$ 3,072 40	\$ 2,030	\$ 397	\$ 605	\$ 39	\$ -	\$ -	\$ 3,072
Defined Contribution Match	\$ 318 40	\$ 210	\$ 41	\$ 63	\$ 4	\$ -	\$ -	\$ 318
Workers Compensation	\$ 624 40	\$ 412	\$ 81	\$ 123	\$ 8	\$ -	\$ -	\$ 624
Workers Comp Claims (Self Insured)	\$ 2,734 40	\$ 1,807	\$ 353	\$ 538	\$ 35	\$ -	\$ -	\$ 2,734
Mailing & Outbound Shipping	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Freight For Inbound Purchased Items	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle License & Titles	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Printing & Copying Expenses, Outsourced	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Testing & Physicals	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lab Fees	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Legal Notices	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Dues For Memberships	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Relations & Education	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electric Service	\$ 4,890 40	\$ 3,232	\$ 632	\$ 963	\$ 63	\$ -	\$ -	\$ 4,890
Water/Sewer Service	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater Service	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Solid Waste Service	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Natural Gas Service	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Telephone Service	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cellular Telephone Service	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Computer & Network Services	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Consultant Services	\$ 108 40	\$ 71	\$ 14	\$ 21	\$ 1	\$ -	\$ -	\$ 108
Other Contractual Services	\$ 654 40	\$ 432	\$ 85	\$ 129	\$ 8	\$ -	\$ -	\$ 654
Vehicle Repair & Maintenance Services	\$ 375 40	\$ 248	\$ 49	\$ 74	\$ 5	\$ -	\$ -	\$ 375
Equipment Repair & Maintenance Services	\$ 237 40	\$ 157	\$ 31	\$ 47	\$ 3	\$ -	\$ -	\$ 237
Paving & Repair Services	\$ 30 40	\$ 20	\$ 4	\$ 6	\$ 0	\$ -	\$ -	\$ 30
Building Maintenance Services	\$ 11 40	\$ 7	\$ 1	\$ 2	\$ 0	\$ -	\$ -	\$ 11
Water Tank Maintenance Services	\$ 677 40	\$ 448	\$ 88	\$ 133	\$ 9	\$ -	\$ -	\$ 677
Employee Wellness Program	\$ 21 40	\$ 14	\$ 3	\$ 4	\$ 0	\$ -	\$ -	\$ 21
Employee Recognition/Receptions	\$ 10 40	\$ 7	\$ 1	\$ 2	\$ 0	\$ -	\$ -	\$ 10
Outside Training	\$ 146 40	\$ 97	\$ 19	\$ 29	\$ 2	\$ -	\$ -	\$ 146
In-House Training	\$ 5 40	\$ 3	\$ 1	\$ 1	\$ 0	\$ -	\$ -	\$ 5
Ground Transportation (Travel)	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Air Travel	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Meals (Outside Williamson County)	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Office Supplies	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Meals & Food (Inside Williamson County)	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Medical Supplies	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Safety Supplies	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Uniforms Purchased	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Consumable Tools	\$ 530 40	\$ 351	\$ 69	\$ 104	\$ 7	\$ -	\$ -	\$ 530
Other Operating Supplies	\$ 280 40	\$ 185	\$ 36	\$ 55	\$ 4	\$ -	\$ -	\$ 280
Gasoline & Diesel For Fleet (Non-Travel)	\$ 1,030 40	\$ 681	\$ 133	\$ 203	\$ 13	\$ -	\$ -	\$ 1,030
Machinery & Equipment (<\$25,000)	\$ 1,149 40	\$ 759	\$ 149	\$ 226	\$ 15	\$ -	\$ -	\$ 1,149
Computer Hardware (<\$25,000)	\$ 259 40	\$ 171	\$ 34	\$ 51	\$ 3	\$ -	\$ -	\$ 259
Vehicle Parts & Supplies	\$ 84 40	\$ 56	\$ 11	\$ 17	\$ 1	\$ -	\$ -	\$ 84
Equipment Parts & Supplies	\$ 296 40	\$ 196	\$ 38	\$ 58	\$ 4	\$ -	\$ -	\$ 296
Fire Hydrant Supplies	\$ 13,118 40	\$ 8,671	\$ 1,696	\$ 2,583	\$ 168	\$ -	\$ -	\$ 13,118
Paving & Repair Supplies	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Landscaping Supplies	\$ 15 40	\$ 10	\$ 2	\$ 3	\$ 0	\$ -	\$ -	\$ 15
Grounds Maintenance Supplies	\$ 5 40	\$ 3	\$ 1	\$ 1	\$ 0	\$ -	\$ -	\$ 5
Building Maintenance Supplies	\$ 391 40	\$ 259	\$ 51	\$ 77	\$ 5	\$ -	\$ -	\$ 391
Meter Repair/Replacement Supplies	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Repair to Lines Supplies	\$ 9,761 40	\$ 6,453	\$ 1,262	\$ 1,922	\$ 125	\$ -	\$ -	\$ 9,761
Water Tank Maintenance Supplies	\$ 6 40	\$ 4	\$ 1	\$ 1	\$ 0	\$ -	\$ -	\$ 6
Pump Station Repair Supplies	\$ 0 40	\$ 0	\$ 0	\$ 0	\$ 0	\$ -	\$ -	\$ 0
Property & Liability Insurance	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Inland Marine Coverage	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Auto Physical Damage	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Liability Insurance	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Liability Insurance	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Umbrella Liability	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Liability Claims/Deductibles	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Liability Claims/Deductibles	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Easements Acquired <\$25,000	\$ 2,297 40	\$ 1,519	\$ 297	\$ 452	\$ 29	\$ -	\$ -	\$ 2,297
Land Use Rental	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Rental & Leases	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State Fees	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
e-Commerce Fees	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lease/Loan Interest	\$ 1,724 40	\$ 1,140	\$ 223	\$ 340	\$ 22	\$ -	\$ -	\$ 1,724
Furniture, Fixtures (\$<25,000)	\$ 24 40	\$ 16	\$ 3	\$ 5	\$ 0	\$ -	\$ -	\$ 24
Vehicles (<\$25,000)	\$ 1,256 40	\$ 830	\$ 162	\$ 247	\$ 16	\$ -	\$ -	\$ 1,256
Computer Software (<\$25,000)	\$ 341 40	\$ 225	\$ 44	\$ 67	\$ 4	\$ -	\$ -	\$ 341
Subtotal Distribution	\$ 100,022	\$ 66,117	\$ 12,930	\$ 19,693	\$ 1,282	\$ -	\$ -	\$ 100,022

Water Plant									
Regular Pay	\$	-	40	\$	-	\$	-	\$	-
Overtime Pay	\$	-	40	\$	-	\$	-	\$	-
FICA (Employer's Share)	\$	-	40	\$	-	\$	-	\$	-
Medical Premiums	\$	-	40	\$	-	\$	-	\$	-
Group Insurance Premiums	\$	-	40	\$	-	\$	-	\$	-
Employee Insurance Contributions	\$	-	40	\$	-	\$	-	\$	-
Retirement Contributions	\$	-	40	\$	-	\$	-	\$	-
Defined Contrib Match	\$	-	40	\$	-	\$	-	\$	-
Workers Compensation	\$	-	40	\$	-	\$	-	\$	-
Mailing & Outbound Shipping	\$	-	40	\$	-	\$	-	\$	-
Freight For Inbound Purchased Items	\$	-	40	\$	-	\$	-	\$	-
Vehicle Licenses & Titles	\$	-	40	\$	-	\$	-	\$	-
Printing & Copying Expenses, Outsourced	\$	-	40	\$	-	\$	-	\$	-
Lab Fees	\$	-	40	\$	-	\$	-	\$	-
Dues For Memberships	\$	-	40	\$	-	\$	-	\$	-
Electric Service	\$	-	40	\$	-	\$	-	\$	-
Stormwater Service	\$	-	40	\$	-	\$	-	\$	-
Solid Waste Service	\$	-	40	\$	-	\$	-	\$	-
Natural Gas Service	\$	-	40	\$	-	\$	-	\$	-
Telephone Service	\$	-	40	\$	-	\$	-	\$	-
Cellular Telephone Service	\$	-	40	\$	-	\$	-	\$	-
Network Service including Internet Connection	\$	-	40	\$	-	\$	-	\$	-
Vehicle Repair & Maintenance Services	\$	-	40	\$	-	\$	-	\$	-
Equipment Repair & Maintenance Services	\$	-	40	\$	-	\$	-	\$	-
Building Maintenance Services	\$	-	40	\$	-	\$	-	\$	-
Employee Recognition/Receptions	\$	-	40	\$	-	\$	-	\$	-
Outside Training	\$	-	40	\$	-	\$	-	\$	-
In-House Training	\$	-	40	\$	-	\$	-	\$	-
Registrations	\$	-	40	\$	-	\$	-	\$	-
Meals (Outside Williamson County)	\$	-	40	\$	-	\$	-	\$	-
Office Supplies	\$	-	40	\$	-	\$	-	\$	-
Meals & Food (Inside Williamson County)	\$	-	40	\$	-	\$	-	\$	-
Lab Chemicals & Supplies	\$	-	40	\$	-	\$	-	\$	-
Medical Supplies	\$	-	40	\$	-	\$	-	\$	-
Safety Supplies	\$	-	40	\$	-	\$	-	\$	-
Uniforms Purchased	\$	-	40	\$	-	\$	-	\$	-
Other Operating Supplies	\$	-	40	\$	-	\$	-	\$	-
Gasoline & Diesel For Fleet (Non-Travel)	\$	-	40	\$	-	\$	-	\$	-
Water Purchased	\$	-	40	\$	-	\$	-	\$	-
Furniture, Fixtures (<\$25,000)	\$	-	40	\$	-	\$	-	\$	-
Vehicles (<\$25,000)	\$	-	40	\$	-	\$	-	\$	-
Machinery & Equipment (<\$25,000)	\$	-	40	\$	-	\$	-	\$	-
Computer Hardware (<\$25,000)	\$	-	40	\$	-	\$	-	\$	-
Vehicle Parts & Supplies	\$	-	40	\$	-	\$	-	\$	-
Equipment Parts & Supplies	\$	-	40	\$	-	\$	-	\$	-
Grounds Maintenance Supplies	\$	-	40	\$	-	\$	-	\$	-
Building Maintenance Supplies	\$	-	40	\$	-	\$	-	\$	-
Property & Liability Insurance	\$	-	40	\$	-	\$	-	\$	-
Inland Marine Coverage	\$	-	40	\$	-	\$	-	\$	-
Auto Physical Damage	\$	-	40	\$	-	\$	-	\$	-
Liability Insurance	\$	-	40	\$	-	\$	-	\$	-
Vehicle Liability Insurance	\$	-	40	\$	-	\$	-	\$	-
Umbrella Liability	\$	-	40	\$	-	\$	-	\$	-
Property Tax - Rental Property	\$	-	40	\$	-	\$	-	\$	-
State Fees	\$	-	40	\$	-	\$	-	\$	-
Subtotal Water Plant	\$	-		\$	-	\$	-	\$	-
Water General									
Medical Premiums	\$	-	40	\$	-	\$	-	\$	-
Group Insurance Premiums	\$	-	40	\$	-	\$	-	\$	-
Employee Insurance Contributions	\$	-	40	\$	-	\$	-	\$	-
Compensated Absences	\$	-	40	\$	-	\$	-	\$	-
Pension Expense	\$	-	40	\$	-	\$	-	\$	-
Testing & Physicals	\$	-	40	\$	-	\$	-	\$	-
Legal Notices	\$	-	40	\$	-	\$	-	\$	-
Stormwater Service	\$	-	40	\$	-	\$	-	\$	-
Solid Waste Service	\$	-	40	\$	-	\$	-	\$	-
Telephone Service	\$	-	40	\$	-	\$	-	\$	-
Network Service including Internet Connection	\$	-	40	\$	-	\$	-	\$	-
Audit Services	\$	-	40	\$	-	\$	-	\$	-
Other Contractual Services	\$	-	40	\$	-	\$	-	\$	-
Outside Training	\$	-	40	\$	-	\$	-	\$	-
Meals & Food (Inside Williamson County)	\$	-	40	\$	-	\$	-	\$	-
Computer Hardware (<\$25,000)	\$	-	40	\$	-	\$	-	\$	-
Admin Services Provided to Other Funds	\$	-	40	\$	-	\$	-	\$	-
Easements Acquired (<\$25,000)	\$	-	40	\$	-	\$	-	\$	-
State Fees	\$	-	40	\$	-	\$	-	\$	-
Vehicle Licenses & Titles	\$	-	40	\$	-	\$	-	\$	-
Transfer to Debt Service Fund	\$	-	40	\$	-	\$	-	\$	-
Bond Sales Expense	\$	-	40	\$	-	\$	-	\$	-
Subtotal Water General	\$	-		\$	-	\$	-	\$	-
Total Operating Expenses	\$	100,022		\$	66,117	\$	12,930	\$	19,693
				\$	1,282	\$	-	\$	-
				\$	-	\$	-	\$	100,022

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of Operating Expenses
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	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Utility Billing & Admin								
Utility Billing	\$ 80,833	\$ 62,435	\$ 12,210	\$ 4,649	\$ 303	\$ 893	\$ 343	\$ 80,833
Utility Admin	\$ 471,217	\$ 363,964	\$ 71,180	\$ 27,101	\$ 1,764	\$ 5,208	\$ 2,000	\$ 471,217
Subtotal Utility Billing & Admin	\$ 552,050	\$ 426,399	\$ 83,390	\$ 31,750	\$ 2,067	\$ 6,101	\$ 2,343	\$ 552,050
		77%	15%	6%	0%	1%	0%	100%
Distribution								
Regular Pay	\$ 730,963	\$ 459,046	\$ 97,465	\$ 113,390	\$ 9,836	\$ 44,077	\$ 7,149	\$ 730,963
Overtime Pay	\$ 18,976	\$ 11,917	\$ 2,530	\$ 2,944	\$ 255	\$ 1,144	\$ 186	\$ 18,976
FICA (Employer's Share)	\$ 53,462	\$ 33,574	\$ 7,128	\$ 8,293	\$ 719	\$ 3,224	\$ 523	\$ 53,462
Medical Premiums	\$ 230,017	\$ 144,451	\$ 30,670	\$ 35,681	\$ 3,095	\$ 13,870	\$ 2,250	\$ 230,017
Group Insurance Premiums	\$ 15,258	\$ 9,582	\$ 2,034	\$ 2,367	\$ 205	\$ 920	\$ 149	\$ 15,258
Employee Insurance Contributions	\$ (52,564)	\$ (33,010)	\$ (7,009)	\$ (8,154)	\$ (707)	\$ (3,170)	\$ (514)	\$ (52,564)
Retirement Contributions	\$ 57,143	\$ 35,886	\$ 7,619	\$ 8,864	\$ 769	\$ 3,446	\$ 559	\$ 57,143
Defined Contribution Match	\$ 5,909	\$ 3,711	\$ 788	\$ 917	\$ 80	\$ 356	\$ 58	\$ 5,909
Workers Compensation	\$ 11,608	\$ 7,290	\$ 1,548	\$ 1,801	\$ 156	\$ 700	\$ 114	\$ 11,608
Workers Comp Claims (Self Insured)	\$ 50,856	\$ 31,937	\$ 6,781	\$ 7,889	\$ 684	\$ 3,067	\$ 497	\$ 50,856
Mailing & Outbound Shipping	\$ 180	\$ 139	\$ 27	\$ 10	\$ 1	\$ 2	\$ 1	\$ 180
Freight For Inbound Purchased Items	\$ 70	\$ 54	\$ 11	\$ 4	\$ 0	\$ 1	\$ 0	\$ 70
Vehicle License & Titles	\$ 176	\$ 136	\$ 27	\$ 10	\$ 1	\$ 2	\$ 1	\$ 176
Printing & Copying Expenses, Outsourced	\$ 807	\$ 623	\$ 122	\$ 46	\$ 3	\$ 9	\$ 3	\$ 807
Testing & Physicals	\$ 2,080	\$ 1,607	\$ 314	\$ 120	\$ 8	\$ 23	\$ 9	\$ 2,080
Lab Fees	\$ 484	\$ 374	\$ 73	\$ 28	\$ 2	\$ 5	\$ 2	\$ 484
Legal Notices	\$ 185	\$ 143	\$ 28	\$ 11	\$ 1	\$ 2	\$ 1	\$ 185
Dues For Memberships	\$ 386	\$ 298	\$ 58	\$ 22	\$ 1	\$ 4	\$ 2	\$ 386
Public Relations & Education	\$ 195	\$ 151	\$ 29	\$ 11	\$ 1	\$ 2	\$ 1	\$ 195
Electric Service	\$ 90,975	\$ 57,133	\$ 12,130	\$ 14,112	\$ 1,224	\$ 5,486	\$ 890	\$ 90,975
Water/Sewer Service	\$ 772	\$ 596	\$ 117	\$ 44	\$ 3	\$ 9	\$ 3	\$ 772
Stormwater Service	\$ 4,179	\$ 3,228	\$ 631	\$ 240	\$ 16	\$ 46	\$ 18	\$ 4,179
Solid Waste Service	\$ 2,663	\$ 2,057	\$ 402	\$ 153	\$ 10	\$ 29	\$ 11	\$ 2,663
Natural Gas Service	\$ 2,913	\$ 2,250	\$ 440	\$ 168	\$ 11	\$ 32	\$ 12	\$ 2,913
Telephone Service	\$ 585	\$ 452	\$ 88	\$ 34	\$ 2	\$ 6	\$ 2	\$ 585
Cellular Telephone Service	\$ 7,475	\$ 5,774	\$ 1,129	\$ 430	\$ 28	\$ 83	\$ 32	\$ 7,475
Computer & Network Services	\$ 1,583	\$ 1,223	\$ 239	\$ 91	\$ 6	\$ 17	\$ 7	\$ 1,583
Consultant Services	\$ 2,000	\$ 1,256	\$ 267	\$ 310	\$ 27	\$ 121	\$ 20	\$ 2,000
Other Contractual Services	\$ 12,166	\$ 7,640	\$ 1,622	\$ 1,887	\$ 164	\$ 734	\$ 119	\$ 12,166
Vehicle Repair & Maintenance Services	\$ 6,983	\$ 4,386	\$ 931	\$ 1,083	\$ 94	\$ 421	\$ 68	\$ 6,983
Equipment Repair & Maintenance Services	\$ 4,409	\$ 2,769	\$ 588	\$ 684	\$ 59	\$ 266	\$ 43	\$ 4,409
Paving & Repair Services	\$ 560	\$ 352	\$ 75	\$ 87	\$ 8	\$ 34	\$ 5	\$ 560
Building Maintenance Services	\$ 209	\$ 131	\$ 28	\$ 32	\$ 3	\$ 13	\$ 2	\$ 209
Water Tank Maintenance Services	\$ 12,600	\$ 7,913	\$ 1,680	\$ 1,955	\$ 170	\$ 760	\$ 123	\$ 12,600
Employee Wellness Program	\$ 397	\$ 250	\$ 53	\$ 62	\$ 5	\$ 24	\$ 4	\$ 397
Employee Recognition/Receptions	\$ 194	\$ 122	\$ 26	\$ 30	\$ 3	\$ 12	\$ 2	\$ 194
Outside Training	\$ 2,720	\$ 1,708	\$ 363	\$ 422	\$ 37	\$ 164	\$ 27	\$ 2,720
In-House Training	\$ 93	\$ 58	\$ 12	\$ 14	\$ 1	\$ 6	\$ 1	\$ 93
Ground Transportation (Travel)	\$ 489	\$ 378	\$ 74	\$ 28	\$ 2	\$ 5	\$ 2	\$ 489
Air Travel	\$ (226)	\$ (175)	\$ (34)	\$ (13)	\$ (1)	\$ (2)	\$ (1)	\$ (226)
Meals (Outside Williamson County)	\$ 474	\$ 366	\$ 72	\$ 27	\$ 2	\$ 5	\$ 2	\$ 474
Office Supplies	\$ 810	\$ 626	\$ 122	\$ 47	\$ 3	\$ 9	\$ 3	\$ 810
Meals & Food (Inside Williamson County)	\$ 1,821	\$ 1,407	\$ 275	\$ 105	\$ 7	\$ 20	\$ 8	\$ 1,821
Medical Supplies	\$ 401	\$ 310	\$ 61	\$ 23	\$ 2	\$ 4	\$ 2	\$ 401
Safety Supplies	\$ 11,397	\$ 8,803	\$ 1,722	\$ 655	\$ 43	\$ 126	\$ 48	\$ 11,397
Uniforms Purchased	\$ 5,235	\$ 4,043	\$ 791	\$ 301	\$ 20	\$ 58	\$ 22	\$ 5,235
Consumable Tools	\$ 9,865	\$ 6,195	\$ 1,315	\$ 1,530	\$ 133	\$ 595	\$ 96	\$ 9,865
Other Operating Supplies	\$ 5,206	\$ 3,270	\$ 694	\$ 808	\$ 70	\$ 314	\$ 51	\$ 5,206
Gasoline & Diesel For Fleet (Non-Travel)	\$ 19,170	\$ 12,039	\$ 2,556	\$ 2,974	\$ 258	\$ 1,156	\$ 187	\$ 19,170
Machinery & Equipment (<\$25,000)	\$ 21,375	\$ 13,424	\$ 2,850	\$ 3,316	\$ 288	\$ 1,289	\$ 209	\$ 21,375
Computer Hardware (<\$25,000)	\$ 4,825	\$ 3,030	\$ 643	\$ 748	\$ 65	\$ 291	\$ 47	\$ 4,825
Vehicle Parts & Supplies	\$ 1,563	\$ 981	\$ 208	\$ 242	\$ 21	\$ 94	\$ 15	\$ 1,563
Equipment Parts & Supplies	\$ 5,507	\$ 3,458	\$ 734	\$ 854	\$ 74	\$ 332	\$ 54	\$ 5,507
Fire Hydrant Supplies	\$ 13,118	\$ 8,671	\$ 1,696	\$ 2,583	\$ 168	\$ -	\$ -	\$ 13,118
Paving & Repair Supplies	\$ 47,800	\$ 36,921	\$ 7,221	\$ 2,749	\$ 179	\$ 528	\$ 203	\$ 47,800
Landscaping Supplies	\$ 282	\$ 177	\$ 38	\$ 44	\$ 4	\$ 17	\$ 3	\$ 282
Grounds Maintenance Supplies	\$ 86	\$ 54	\$ 11	\$ 13	\$ 1	\$ 5	\$ 1	\$ 86
Building Maintenance Supplies	\$ 7,278	\$ 4,571	\$ 970	\$ 1,129	\$ 98	\$ 439	\$ 71	\$ 7,278
Meter Repair/Replacement Supplies	\$ 283,392	\$ 218,890	\$ 42,808	\$ 16,299	\$ 1,061	\$ 3,132	\$ 1,203	\$ 283,392
Repair to Lines Supplies	\$ 181,604	\$ 114,048	\$ 24,215	\$ 28,171	\$ 2,444	\$ 10,951	\$ 1,776	\$ 181,604
Water Tank Maintenance Supplies	\$ 111	\$ 70	\$ 15	\$ 17	\$ 1	\$ 7	\$ 1	\$ 111
Pump Station Repair Supplies	\$ 4	\$ 3	\$ 1	\$ 1	\$ 0	\$ 0	\$ 0	\$ 4
Property & Liability Insurance	\$ 20,333	\$ 15,705	\$ 3,071	\$ 1,169	\$ 76	\$ 225	\$ 86	\$ 20,333
Inland Marine Coverage	\$ 1,415	\$ 1,093	\$ 214	\$ 81	\$ 5	\$ 16	\$ 6	\$ 1,415
Auto Physical Damage	\$ 775	\$ 598	\$ 117	\$ 45	\$ 3	\$ 9	\$ 3	\$ 775
Liability Insurance	\$ 6,088	\$ 4,702	\$ 920	\$ 350	\$ 23	\$ 67	\$ 26	\$ 6,088
Vehicle Liability Insurance	\$ 7,705	\$ 5,951	\$ 1,164	\$ 443	\$ 29	\$ 85	\$ 33	\$ 7,705
Umbrella Liability	\$ 1,151	\$ 889	\$ 174	\$ 66	\$ 4	\$ 13	\$ 5	\$ 1,151
Liability Claims/Deductibles	\$ 5,230	\$ 4,039	\$ 790	\$ 301	\$ 20	\$ 58	\$ 22	\$ 5,230
Vehicle Liability Claims/Deductibles	\$ 1,131	\$ 874	\$ 171	\$ 65	\$ 4	\$ 13	\$ 5	\$ 1,131
Easements Acquired <\$25,000	\$ 42,743	\$ 26,843	\$ 5,699	\$ 6,630	\$ 575	\$ 2,577	\$ 418	\$ 42,743
Land Use Rental	\$ 50	\$ 39	\$ 8	\$ 3	\$ 0	\$ 1	\$ 0	\$ 50
Equipment Rental & Leases	\$ 146	\$ 113	\$ 22	\$ 8	\$ 1	\$ 2	\$ 1	\$ 146
State Fees	\$ 32,228	\$ 24,893	\$ 4,868	\$ 1,854	\$ 121	\$ 356	\$ 137	\$ 32,228
e-Commerce Fees	\$ 6	\$ 5	\$ 1	\$ 0	\$ 0	\$ 0	\$ 0	\$ 6
Lease/Loan Interest	\$ 32,081	\$ 20,147	\$ 4,278	\$ 4,976	\$ 432	\$ 1,934	\$ 314	\$ 32,081
Furniture, Fixtures (\$<25,000)	\$ 440	\$ 276	\$ 59	\$ 68	\$ 6	\$ 27	\$ 4	\$ 440
Vehicles (<\$25,000)	\$ 23,358	\$ 14,669	\$ 3,114	\$ 3,623	\$ 314	\$ 1,408	\$ 228	\$ 23,358
Computer Software (<\$25,000)	\$ 6,343	\$ 3,984	\$ 846	\$ 984	\$ 85	\$ 382	\$ 62	\$ 6,343
Subtotal Distribution	\$ 2,082,477	\$ 1,373,582	\$ 285,639	\$ 279,413	\$ 23,617	\$ 102,493	\$ 17,733	\$ 2,082,477

Water Plant									
Regular Pay	\$ 575,901	\$ 344,975	\$ 74,068	\$ 103,016	\$ 8,561	\$ 39,223	\$ 6,058	\$ 575,901	
Overtime Pay	\$ 23,094	\$ 13,834	\$ 2,970	\$ 4,131	\$ 343	\$ 1,573	\$ 243	\$ 23,094	
FICA (Employer's Share)	\$ 43,302	\$ 25,938	\$ 5,569	\$ 7,746	\$ 644	\$ 2,949	\$ 456	\$ 43,302	
Medical Premiums	\$ 165,047	\$ 98,866	\$ 21,227	\$ 29,523	\$ 2,454	\$ 11,241	\$ 1,736	\$ 165,047	
Group Insurance Premiums	\$ 11,974	\$ 7,173	\$ 1,540	\$ 2,142	\$ 178	\$ 816	\$ 126	\$ 11,974	
Employee Insurance Contributions	\$ (35,155)	\$ (21,059)	\$ (4,521)	\$ (6,289)	\$ (523)	\$ (2,394)	\$ (370)	\$ (35,155)	
Retirement Contributions	\$ 72,912	\$ 43,676	\$ 9,377	\$ 13,042	\$ 1,084	\$ 4,966	\$ 767	\$ 72,912	
Defined Contrib Match	\$ 1,873	\$ 1,122	\$ 241	\$ 335	\$ 28	\$ 128	\$ 20	\$ 1,873	
Workers Compensation	\$ 5,521	\$ 3,307	\$ 710	\$ 988	\$ 82	\$ 376	\$ 58	\$ 5,521	
Mailing & Outbound Shipping	\$ 1,497	\$ 1,156	\$ 226	\$ 86	\$ 6	\$ 17	\$ 6	\$ 1,497	
Freight For Inbound Purchased Items	\$ 1,323	\$ 1,022	\$ 200	\$ 76	\$ 5	\$ 15	\$ 6	\$ 1,323	
Vehicle Licenses & Titles	\$ 45	\$ 35	\$ 7	\$ 3	\$ 0	\$ 0	\$ 0	\$ 45	
Printing & Copying Expenses, Outsourced	\$ 1,915	\$ 1,479	\$ 289	\$ 110	\$ 7	\$ 21	\$ 8	\$ 1,915	
Lab Fees	\$ 26,107	\$ 15,727	\$ 3,341	\$ 4,745	\$ 375	\$ 1,662	\$ 256	\$ 26,107	
Dues For Memberships	\$ 236	\$ 182	\$ 36	\$ 14	\$ 1	\$ 3	\$ 1	\$ 236	
Electric Service	\$ 96,051	\$ 57,536	\$ 12,353	\$ 17,181	\$ 1,428	\$ 6,542	\$ 1,010	\$ 96,051	
Stormwater Service	\$ 758	\$ 586	\$ 115	\$ 44	\$ 3	\$ 8	\$ 3	\$ 758	
Solid Waste Service	\$ 2,280	\$ 1,761	\$ 344	\$ 131	\$ 9	\$ 25	\$ 10	\$ 2,280	
Natural Gas Service	\$ 1,465	\$ 1,131	\$ 221	\$ 84	\$ 5	\$ 16	\$ 6	\$ 1,465	
Telephone Service	\$ 2,315	\$ 1,788	\$ 350	\$ 133	\$ 9	\$ 26	\$ 10	\$ 2,315	
Cellular Telephone Service	\$ 1,409	\$ 1,088	\$ 213	\$ 81	\$ 5	\$ 16	\$ 6	\$ 1,409	
Network Service including Internet Connection	\$ 1,143	\$ 883	\$ 173	\$ 66	\$ 4	\$ 13	\$ 5	\$ 1,143	
Vehicle Repair & Maintenance Services	\$ 802	\$ 481	\$ 103	\$ 144	\$ 12	\$ 55	\$ 8	\$ 802	
Equipment Repair & Maintenance Services	\$ 28,767	\$ 17,232	\$ 3,700	\$ 5,146	\$ 428	\$ 1,959	\$ 303	\$ 28,767	
Building Maintenance Services	\$ 6,462	\$ 3,871	\$ 831	\$ 1,156	\$ 96	\$ 440	\$ 68	\$ 6,462	
Employee Recognition/Receptions	\$ 105	\$ 81	\$ 16	\$ 6	\$ 0	\$ 1	\$ 0	\$ 105	
Outside Training	\$ 160	\$ 124	\$ 24	\$ 9	\$ 1	\$ 2	\$ 1	\$ 160	
In-House Training	\$ 27	\$ 21	\$ 4	\$ 2	\$ 0	\$ 0	\$ 0	\$ 27	
Registrations	\$ 2,263	\$ 1,748	\$ 342	\$ 130	\$ 8	\$ 25	\$ 10	\$ 2,263	
Meals (Outside Williamson County)	\$ 69	\$ 53	\$ 10	\$ 4	\$ 0	\$ 1	\$ 0	\$ 69	
Office Supplies	\$ 774	\$ 598	\$ 117	\$ 45	\$ 3	\$ 9	\$ 3	\$ 774	
Meals & Food (Inside Williamson County)	\$ 381	\$ 294	\$ 58	\$ 22	\$ 1	\$ 4	\$ 2	\$ 381	
Lab Chemicals & Supplies	\$ 307,374	\$ 185,161	\$ 39,341	\$ 55,861	\$ 4,421	\$ 19,574	\$ 3,017	\$ 307,374	
Medical Supplies	\$ 1,280	\$ 988	\$ 193	\$ 74	\$ 5	\$ 14	\$ 5	\$ 1,280	
Safety Supplies	\$ 765	\$ 591	\$ 116	\$ 44	\$ 3	\$ 8	\$ 3	\$ 765	
Uniforms Purchased	\$ 2,647	\$ 2,044	\$ 400	\$ 152	\$ 10	\$ 29	\$ 11	\$ 2,647	
Other Operating Supplies	\$ 1,876	\$ 1,124	\$ 241	\$ 336	\$ 28	\$ 128	\$ 20	\$ 1,876	
Gasoline & Diesel For Fleet (Non-Travel)	\$ 2,613	\$ 1,565	\$ 336	\$ 467	\$ 39	\$ 178	\$ 27	\$ 2,613	
Water Purchased	\$ 4,696,834	\$ 2,829,354	\$ 601,156	\$ 853,580	\$ 67,549	\$ 299,095	\$ 46,100	\$ 4,696,834	
Furniture, Fixtures (<\$25,000)	\$ 420	\$ 252	\$ 54	\$ 75	\$ 6	\$ 29	\$ 4	\$ 420	
Vehicles (<\$25,000)	\$ 20,394	\$ 12,216	\$ 2,623	\$ 3,648	\$ 303	\$ 1,389	\$ 215	\$ 20,394	
Machinery & Equipment (<\$25,000)	\$ 31,160	\$ 18,665	\$ 4,007	\$ 5,574	\$ 463	\$ 2,122	\$ 328	\$ 31,160	
Computer Hardware (<\$25,000)	\$ 1,216	\$ 728	\$ 156	\$ 217	\$ 18	\$ 83	\$ 13	\$ 1,216	
Vehicle Parts & Supplies	\$ 205	\$ 123	\$ 26	\$ 37	\$ 3	\$ 14	\$ 2	\$ 205	
Equipment Parts & Supplies	\$ 18,323	\$ 10,976	\$ 2,357	\$ 3,278	\$ 272	\$ 1,248	\$ 193	\$ 18,323	
Grounds Maintenance Supplies	\$ 474	\$ 284	\$ 61	\$ 85	\$ 7	\$ 32	\$ 5	\$ 474	
Building Maintenance Supplies	\$ 16,168	\$ 9,685	\$ 2,079	\$ 2,892	\$ 240	\$ 1,101	\$ 170	\$ 16,168	
Property & Liability Insurance	\$ 9,509	\$ 7,344	\$ 1,436	\$ 547	\$ 36	\$ 105	\$ 40	\$ 9,509	
Inland Marine Coverage	\$ 568	\$ 439	\$ 86	\$ 33	\$ 2	\$ 6	\$ 2	\$ 568	
Auto Physical Damage	\$ 124	\$ 96	\$ 19	\$ 7	\$ 0	\$ 1	\$ 1	\$ 124	
Liability Insurance	\$ 18,434	\$ 14,238	\$ 2,785	\$ 1,060	\$ 69	\$ 204	\$ 78	\$ 18,434	
Vehicle Liability Insurance	\$ 2,055	\$ 1,587	\$ 310	\$ 118	\$ 8	\$ 23	\$ 9	\$ 2,055	
Umbrella Liability	\$ 3,485	\$ 2,692	\$ 526	\$ 200	\$ 13	\$ 39	\$ 15	\$ 3,485	
Property Tax - Rental Property	\$ 387	\$ 299	\$ 58	\$ 22	\$ 1	\$ 4	\$ 2	\$ 387	
State Fees	\$ 85	\$ 66	\$ 13	\$ 5	\$ 0	\$ 1	\$ 0	\$ 85	
Subtotal Water Plant	\$ 6,177,217	\$ 3,727,225	\$ 792,634	\$ 1,112,362	\$ 88,755	\$ 395,162	\$ 61,078	\$ 6,177,217	
Water General									
Medical Premiums	\$ 78,757	\$ 60,831	\$ 11,897	\$ 4,530	\$ 295	\$ 870	\$ 334	\$ 78,757	
Group Insurance Premiums	\$ 236	\$ 182	\$ 36	\$ 14	\$ 1	\$ 3	\$ 1	\$ 236	
Employee Insurance Contributions	\$ (5,345)	\$ (4,128)	\$ (807)	\$ (307)	\$ (20)	\$ (59)	\$ (23)	\$ (5,345)	
Compensated Absences	\$ 20,160	\$ 15,572	\$ 3,045	\$ 1,160	\$ 75	\$ 223	\$ 86	\$ 20,160	
Pension Expense	\$ 67,165	\$ 51,878	\$ 10,146	\$ 3,863	\$ 251	\$ 742	\$ 285	\$ 67,165	
Testing & Physicals	\$ 2,741	\$ 2,117	\$ 414	\$ 158	\$ 10	\$ 30	\$ 12	\$ 2,741	
Legal Notices	\$ 3,676	\$ 2,839	\$ 555	\$ 211	\$ 14	\$ 41	\$ 16	\$ 3,676	
Stormwater Service	\$ 981	\$ 758	\$ 148	\$ 56	\$ 4	\$ 11	\$ 4	\$ 981	
Solid Waste Service	\$ 20	\$ 15	\$ 3	\$ 1	\$ 0	\$ 0	\$ 0	\$ 20	
Telephone Service	\$ 823	\$ 636	\$ 124	\$ 47	\$ 3	\$ 9	\$ 3	\$ 823	
Network Service including Internet Connection	\$ 927	\$ 716	\$ 140	\$ 53	\$ 3	\$ 10	\$ 4	\$ 927	
Audit Services	\$ 12,000	\$ 9,269	\$ 1,813	\$ 690	\$ 45	\$ 133	\$ 51	\$ 12,000	
Other Contractual Services	\$ 7,800	\$ 6,025	\$ 1,178	\$ 449	\$ 29	\$ 86	\$ 33	\$ 7,800	
Outside Training	\$ 300	\$ 232	\$ 45	\$ 17	\$ 1	\$ 3	\$ 1	\$ 300	
Meals & Food (Inside Williamson County)	\$ 47	\$ 36	\$ 7	\$ 3	\$ 0	\$ 1	\$ 0	\$ 47	
Computer Hardware (<\$25,000)	\$ 6,264	\$ 4,838	\$ 946	\$ 360	\$ 23	\$ 69	\$ 27	\$ 6,264	
Admin Services Provided to Other Funds	\$ 1,217,167	\$ 940,129	\$ 183,860	\$ 70,004	\$ 4,557	\$ 13,452	\$ 5,165	\$ 1,217,167	
Easements Acquired (<\$25,000)	\$ 4,928	\$ 3,806	\$ 744	\$ 283	\$ 18	\$ 54	\$ 21	\$ 4,928	
State Fees	\$ 350	\$ 270	\$ 53	\$ 20	\$ 1	\$ 4	\$ 1	\$ 350	
Vehicle Licenses & Titles	\$ 18	\$ 14	\$ 3	\$ 1	\$ 0	\$ 0	\$ 0	\$ 18	
Transfer to Debt Service Fund	\$ 100,000	\$ 77,239	\$ 15,106	\$ 5,751	\$ 374	\$ 1,105	\$ 424	\$ 100,000	
Bond Sales Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Subtotal Water General	\$ 1,519,015	\$ 1,173,274	\$ 229,456	\$ 87,364	\$ 5,687	\$ 16,788	\$ 6,446	\$ 1,519,015	
Total Operating Expenses	\$ 10,330,759	\$ 6,700,480	\$ 1,391,119	\$ 1,510,890	\$ 120,126	\$ 520,545	\$ 87,600	\$ 10,330,759	
		65%	13%	15%	1%	5%	1%	100%	

Debt Service

City of Franklin, TN

Water Cost of Service-12-Months Ending June 2017

Classification of Debt Service

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	<u>Actual</u>	<u>Adj.</u>	<u>Test Yr.</u>	<u>Base</u>	<u>Ex-Cap</u>	<u>Cust</u>	<u>FP</u>	<u>Revenue</u>	<u>Total</u>	<u>Description</u>	<u>Base</u>	<u>Ex-Cap</u>	<u>Cust</u>	<u>FP</u>	<u>Total</u>
Principal and Interest Expense															
2011 SunTrust Loan	\$ 113,640		\$ 113,640	55%	21%	18%	6%	0%	100%	As Dist Plt *	\$ 62,676	\$ 23,431	\$21,012	\$6,521	\$ 113,640
Drinking Water SRF	\$ 98,214		\$ 98,214	90%	10%	0%	0%	0%	100%	As Treat Plt *	\$ 88,754	\$ 9,460	\$ -	\$ -	\$ 98,214
Series 2017 Bond Issue		\$ 908,000	\$ 908,000	90%	10%	0%	0%	0%	100%	As Treat Plt *	\$820,543	\$ 87,457	\$ -	\$ -	\$ 908,000
Subtotal Principal and Interest Expense	<u>\$ 211,854</u>	<u>\$ 908,000</u>	<u>\$1,119,854</u>								<u>\$971,973</u>	<u>\$120,348</u>	<u>\$21,012</u>	<u>\$6,521</u>	<u>\$1,119,854</u>
											87%	11%	2%	1%	100%
Total Debt Service	<u>\$ 211,854</u>	<u>\$ 908,000</u>	<u>\$1,119,854</u>								<u>\$971,973</u>	<u>\$120,348</u>	<u>\$21,012</u>	<u>\$6,521</u>	<u>\$1,119,854</u>
											87%	11%	2%	1%	100%

City of Franklin, TN
 Water Cost of Service-12-Months Ending June 2017
 Allocation of Base P&I
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	<u>Test Yr.</u>		Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Principal and Interest Expense									
2011 SunTrust Loan	\$ 62,676	30	\$ 37,756	\$ 8,022	\$ 11,390	\$ 901	\$ 3,991	\$ 615	\$ 62,676
Drinking Water SRF	\$ 88,754	30	\$ 53,465	\$ 11,360	\$ 16,130	\$ 1,276	\$ 5,652	\$ 871	\$ 88,754
Series 2017 Bond Issue	\$820,543	30	\$494,292	\$105,023	\$149,122	\$11,801	\$52,252	\$8,054	\$820,543
Subtotal Principal and Interest Expense	<u>\$971,973</u>		<u>\$585,513</u>	<u>\$124,404</u>	<u>\$176,642</u>	<u>\$13,979</u>	<u>\$61,895</u>	<u>\$9,540</u>	<u>\$971,973</u>
Total Debt Service	<u>\$971,973</u>		<u>\$585,513</u>	<u>\$124,404</u>	<u>\$176,642</u>	<u>\$13,979</u>	<u>\$61,895</u>	<u>\$9,540</u>	<u>\$971,973</u>

City of Franklin, TN
 Water Cost of Service-12-Months Ending June 2017
 Allocation of Extra Capacity P&I
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	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Principal and Interest Expense								
2011 SunTrust Loan	\$ 23,431 33	\$13,293	\$ 3,150	\$ 3,563	\$ 455	\$ 2,569	\$ 401	\$ 23,431
Drinking Water SRF	\$ 9,460 33	\$ 5,367	\$ 1,272	\$ 1,439	\$ 184	\$ 1,037	\$ 162	\$ 9,460
Series 2017 Bond Issue	\$ 87,457 33	\$49,617	\$11,757	\$13,300	\$1,697	\$ 9,589	\$1,498	\$ 87,457
Subtotal Principal and Interest Expense	<u>\$120,348</u>	<u>\$68,276</u>	<u>\$16,178</u>	<u>\$18,301</u>	<u>\$2,335</u>	<u>\$13,195</u>	<u>\$2,062</u>	<u>\$120,348</u>
Total Debt Service	<u>\$120,348</u>	<u>\$68,276</u>	<u>\$16,178</u>	<u>\$18,301</u>	<u>\$2,335</u>	<u>\$13,195</u>	<u>\$2,062</u>	<u>\$120,348</u>

City of Franklin, TN
 Water Cost of Service-12-Months Ending June 2017
 Allocation of Revenue FP
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	<u>Test Yr.</u>	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Principal and Interest Expense								
2011 SunTrust Loan	\$6,521 40	\$4,311	\$ 843	\$1,284	\$ 84	\$-	\$ -	\$6,521
Drinking Water SRF	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$-	\$ -	\$ -
Series 2017 Bond Issue	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$-	\$ -	\$ -
Subtotal Principal and Interest Expense	<u>\$6,521</u>	<u>\$4,311</u>	<u>\$ 843</u>	<u>\$1,284</u>	<u>\$ 84</u>	<u>\$-</u>	<u>\$ -</u>	<u>\$6,521</u>
Total Debt Service	<u>\$6,521</u>	<u>\$4,311</u>	<u>\$ 843</u>	<u>\$1,284</u>	<u>\$ 84</u>	<u>\$-</u>	<u>\$ -</u>	<u>\$6,521</u>

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of P&I
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	<u>Test Yr.</u>	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Principal and Interest Expense								
2011 SunTrust Loan	\$ 113,640	\$ 71,589	\$ 15,189	\$ 17,446	\$ 1,518	\$ 6,792	\$ 1,106	\$ 113,640
Drinking Water SRF	\$ 98,214	\$ 58,832	\$ 12,631	\$ 17,568	\$ 1,460	\$ 6,689	\$ 1,033	\$ 98,214
Series 2017 Bond Issue	\$ 908,000	\$543,908	\$116,779	\$162,421	\$13,498	\$61,841	\$ 9,552	\$ 908,000
Subtotal Principal and Interest Expense	<u>\$1,119,854</u>	<u>\$674,329</u>	<u>\$144,600</u>	<u>\$197,435</u>	<u>\$16,476</u>	<u>\$75,323</u>	<u>\$11,691</u>	<u>\$1,119,854</u>
Total Debt Service	<u>\$1,119,854</u>	<u>\$674,329</u>	<u>\$144,600</u>	<u>\$197,435</u>	<u>\$16,476</u>	<u>\$75,323</u>	<u>\$11,691</u>	<u>\$1,119,854</u>
		60%	13%	18%	1%	7%	1%	100%

Fixed Expenses

City of Franklin, TN

Water Cost of Service-12-Months Ending June 2017

Classification of Fixed Expenses

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	<u>Actual</u>	<u>Adj.</u>	<u>Test Yr.</u>	<u>Base</u>	<u>Ex-Cap</u>	<u>Cust</u>	<u>FP</u>	<u>Total</u>	<u>Description</u>	<u>Base</u>	<u>Ex-Cap</u>	<u>Cust</u>	<u>FP</u>	<u>Total</u>
Depreciation Expense														
Depreciation Expense	\$1,451,654		\$1,451,654	63%	18%	15%	4%	100%	As NUP	* \$912,116	\$257,686	\$219,380	\$62,472	\$1,451,654
Subtotal Depreciation Expense	<u>\$1,451,654</u>		<u>\$1,451,654</u>							<u>\$912,116</u>	<u>\$257,686</u>	<u>\$219,380</u>	<u>\$62,472</u>	<u>\$1,451,654</u>
				63%	18%	15%	4%							100%
Amortization														
Amortization of Bond Premium	\$ (20,474)		\$ (20,474)	87%	11%	2%	1%	100%	As Debt Service	* \$ (17,770)	\$ (2,200)	\$ (384)	\$ (119)	\$ (20,474)
Subtotal Amortization	<u>\$ (20,474)</u>	\$ -	<u>\$ (20,474)</u>							<u>\$ (17,770)</u>	<u>\$ (2,200)</u>	<u>\$ (384)</u>	<u>\$ (119)</u>	<u>\$ (20,474)</u>
				87%	11%	2%	1%							100%
Total Fixed Expenses	<u>\$1,431,180</u>	\$ -	<u>\$1,431,180</u>							<u>\$894,345</u>	<u>\$255,486</u>	<u>\$218,996</u>	<u>\$62,353</u>	<u>\$1,431,180</u>

City of Franklin, TN
 Water Cost of Service-12-Months Ending June 2017
 Allocation of Base Fixed Expenses
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	Test Yr.		Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Depreciation Expense									
Depreciation Expense	\$912,116	30	\$549,455	\$116,743	\$165,764	\$13,118	\$58,084	\$8,953	\$912,116
Subtotal Depreciation Expense	<u>\$912,116</u>		<u>\$549,455</u>	<u>\$116,743</u>	<u>\$165,764</u>	<u>\$13,118</u>	<u>\$58,084</u>	<u>\$8,953</u>	<u>\$912,116</u>
Amortization									
Amortization of Bond Premium	\$ (17,770)	30	\$ (10,705)	\$ (2,274)	\$ (3,230)	\$ (256)	\$ (1,132)	\$ (174)	\$ (17,770)
Subtotal Amortization	<u>\$ (17,770)</u>		<u>\$ (10,705)</u>	<u>\$ (2,274)</u>	<u>\$ (3,230)</u>	<u>\$ (256)</u>	<u>\$ (1,132)</u>	<u>\$ (174)</u>	<u>\$ (17,770)</u>
Total Fixed Expenses	<u>\$894,345</u>		<u>\$538,750</u>	<u>\$114,469</u>	<u>\$162,534</u>	<u>\$12,862</u>	<u>\$56,952</u>	<u>\$8,778</u>	<u>\$894,345</u>

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of Extra Capacity Fixed Expenses

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	<u>Test Yr.</u>		Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Depreciation Expense									
Depreciation Expense	\$257,686	33	\$146,191	\$34,640	\$39,186	\$5,000	\$28,254	\$4,414	\$257,686
Subtotal Depreciation Expense	<u>\$257,686</u>		<u>\$146,191</u>	<u>\$34,640</u>	<u>\$39,186</u>	<u>\$5,000</u>	<u>\$28,254</u>	<u>\$4,414</u>	<u>\$257,686</u>
Amortization									
Amortization of Bond Premium	\$ (2,200)	33	\$ (1,248)	\$ (296)	\$ (335)	\$ (43)	\$ (241)	\$ (38)	\$ (2,200)
Subtotal Amortization	<u>\$ (2,200)</u>		<u>\$ (1,248)</u>	<u>\$ (296)</u>	<u>\$ (335)</u>	<u>\$ (43)</u>	<u>\$ (241)</u>	<u>\$ (38)</u>	<u>\$ (2,200)</u>
 Total Fixed Expenses	 <u>\$255,486</u>		 <u>\$144,943</u>	 <u>\$34,345</u>	 <u>\$38,852</u>	 <u>\$4,957</u>	 <u>\$28,012</u>	 <u>\$4,377</u>	 <u>\$255,486</u>

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of Customer Fixed Expenses

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	<u>Test Yr.</u>		Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Depreciation Expense									
Depreciation Expense	\$219,380	21	\$169,447	\$33,139	\$12,617	\$ 821	\$2,425	\$ 931	\$219,380
Subtotal Depreciation Expense	<u>\$219,380</u>		<u>\$169,447</u>	<u>\$33,139</u>	<u>\$12,617</u>	<u>\$ 821</u>	<u>\$2,425</u>	<u>\$ 931</u>	<u>\$219,380</u>
Amortization									
Amortization of Bond Premium	\$ (384)	21	\$ (297)	\$ (58)	\$ (22)	\$ (1)	\$ (4)	\$ (2)	\$ (384)
Subtotal Amortization	<u>\$ (384)</u>		<u>\$ (297)</u>	<u>\$ (58)</u>	<u>\$ (22)</u>	<u>\$ (1)</u>	<u>\$ (4)</u>	<u>\$ (2)</u>	<u>\$ (384)</u>
Total Fixed Expenses	<u>\$218,996</u>		<u>\$169,151</u>	<u>\$33,081</u>	<u>\$12,595</u>	<u>\$ 820</u>	<u>\$2,420</u>	<u>\$ 929</u>	<u>\$218,996</u>

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of Fire Protection Fixed Expenses
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	<u>Test Yr.</u>		Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Depreciation Expense									
Depreciation Expense	\$ 62,472	40	\$ 41,296	\$ 8,076	\$ 12,300	\$ 801	\$ -	\$ -	\$ 62,472
Subtotal Depreciation Expense	<u>\$ 62,472</u>		<u>\$ 41,296</u>	<u>\$ 8,076</u>	<u>\$ 12,300</u>	<u>\$ 801</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 62,472</u>
Amortization									
Amortization of Bond Premium	\$ (119)	40	\$ (79)	\$ (15)	\$ (23)	\$ (2)	\$ -	\$ -	\$ (119)
Subtotal Amortization	<u>\$ (119)</u>		<u>\$ (79)</u>	<u>\$ (15)</u>	<u>\$ (23)</u>	<u>\$ (2)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ (119)</u>
Total Fixed Expenses	<u>\$ 62,353</u>		<u>\$ 41,217</u>	<u>\$ 8,061</u>	<u>\$ 12,276</u>	<u>\$ 799</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 62,353</u>

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of Fixed Expenses
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	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Depreciation Expense								
Depreciation Expense	\$ 1,451,654	\$906,389	\$192,598	\$229,867	\$19,740	\$88,762	\$14,298	\$1,451,654
Subtotal Depreciation Expense	<u>\$ 1,451,654</u>	<u>\$906,389</u>	<u>\$192,598</u>	<u>\$229,867</u>	<u>\$19,740</u>	<u>\$88,762</u>	<u>\$14,298</u>	<u>\$1,451,654</u>
Amortization								
Amortization of Bond Premium	\$ (20,474)	\$ (12,329)	\$ (2,644)	\$ (3,610)	\$ (301)	\$ (1,377)	\$ (214)	\$ (20,474)
Subtotal Amortization	<u>\$ (20,474)</u>	<u>\$ (12,329)</u>	<u>\$ (2,644)</u>	<u>\$ (3,610)</u>	<u>\$ (301)</u>	<u>\$ (1,377)</u>	<u>\$ (214)</u>	<u>\$ (20,474)</u>
Total Fixed Expenses	<u>\$1,431,180</u>	<u>\$894,060</u>	<u>\$189,955</u>	<u>\$226,257</u>	<u>\$19,439</u>	<u>\$87,385</u>	<u>\$14,084</u>	<u>\$1,431,180</u>
		62%	13%	16%	1%	6%	1%	100%

Capital Improvements

Capital Improvement Plan 2019 - 2025	Actual	TYA	Growth	Test Yr.	Base	Ex-Cap	Cust	FP	Total	Description	Base	Ex-Cap	Cust	FP	Total	Total CIP	Growth	R, R & Ext.	Growth	R, R & Ext.	Total
Bobby Drive Water Line Replacement	\$ 855,000		\$ -	\$ 855,000	57%	20%	17%	5%	100%	As T&D PH	* \$ 490,618	\$ 170,340	\$ 148,084	\$ 45,958	\$ 855,000	* \$ 855,000	0%	100%	\$ -	\$ 855,000	\$ 855,000
Hillsboro Rd to Claude Yates WWTP water line replacement	\$ 600,000		\$ -	\$ 600,000	57%	20%	17%	5%	100%	As T&D PH	* \$ 344,293	\$ 119,537	\$ 103,919	\$ 32,251	\$ 600,000	* \$ 600,000	0%	100%	\$ -	\$ 600,000	\$ 600,000
16" Water Line Long Lane Connector	\$ 585,000		\$ (585,000)		57%	20%	17%	5%	100%	As T&D PH	* \$ -	\$ -	\$ -	\$ -	\$ -	* \$ 585,000	100%	0%	\$ 585,000	\$ -	\$ 585,000
Adams Street Infrastructure Improvements	\$ 510,000		\$ -	\$ 510,000	57%	20%	17%	5%	100%	As T&D PH	* \$ 292,649	\$ 101,606	\$ 88,331	\$ 27,413	\$ 510,000	* \$ 510,000	0%	100%	\$ -	\$ 510,000	\$ 510,000
Franklin Road Improvements & Streetscape	\$ 155,650		\$ -	\$ 155,650	57%	20%	17%	5%	100%	As T&D PH	* \$ 89,315	\$ 31,010	\$ 26,958	\$ 8,366	\$ 155,650	* \$ 155,650	0%	100%	\$ -	\$ 155,650	\$ 155,650
Church Street Infrastructure Improvements	\$ 161,500		\$ -	\$ 161,500	57%	20%	17%	5%	100%	As T&D PH	* \$ 92,672	\$ 32,175	\$ 27,971	\$ 8,681	\$ 161,500	* \$ 161,500	0%	100%	\$ -	\$ 161,500	\$ 161,500
New Hwy 96 Water Line Replacement	\$ 500,000		\$ -	\$ 500,000	57%	20%	17%	5%	100%	As T&D PH	* \$ 286,911	\$ 99,614	\$ 86,599	\$ 26,876	\$ 500,000	* \$ 500,000	0%	100%	\$ -	\$ 500,000	\$ 500,000
Old Carters Creek Pike Water Line Replacement	\$ 430,000		\$ -	\$ 430,000	57%	20%	17%	5%	100%	As T&D PH	* \$ 246,744	\$ 85,668	\$ 74,475	\$ 23,113	\$ 430,000	* \$ 430,000	0%	100%	\$ -	\$ 430,000	\$ 430,000
S. Margin Infrastructure Upgrades (1st - Columbia)	\$ 295,000		\$ -	\$ 295,000	57%	20%	17%	5%	100%	As T&D PH	* \$ 169,278	\$ 58,772	\$ 51,093	\$ 15,857	\$ 295,000	* \$ 295,000	0%	100%	\$ -	\$ 295,000	\$ 295,000
Forrest Street Infrastructure	\$ 145,000		\$ -	\$ 145,000	57%	20%	17%	5%	100%	As T&D PH	* \$ 83,204	\$ 28,888	\$ 25,114	\$ 7,794	\$ 145,000	* \$ 145,000	0%	100%	\$ -	\$ 145,000	\$ 145,000
Walnut Drive Water Improvements	\$ 180,000		\$ -	\$ 180,000	57%	20%	17%	5%	100%	As T&D PH	* \$ 103,288	\$ 35,861	\$ 31,176	\$ 9,675	\$ 180,000	* \$ 180,000	0%	100%	\$ -	\$ 180,000	\$ 180,000
Oakwood Transmission Main Improvements - Phase I	\$ 1,000,000		\$ -	\$ 1,000,000	68%	32%	0%	0%	100%	As SLC	* \$ 678,895	\$ 321,105	\$ -	\$ -	\$ 1,000,000	* \$ 1,000,000	0%	100%	\$ -	\$ 1,000,000	\$ 1,000,000
Advanced Metering Infrastructure (AMI)	\$ 1,550,000		\$ -	\$ 1,550,000	0%	0%	100%	0%	100%		* \$ -	\$ -	\$ 1,550,000	\$ -	\$ 1,550,000	* \$ 1,550,000	0%	100%	\$ -	\$ 1,550,000	\$ 1,550,000
West End Circle Infrastructure Improvements	\$ 127,000		\$ -	\$ 127,000	57%	20%	17%	5%	100%	As T&D PH	* \$ 72,875	\$ 25,302	\$ 21,996	\$ 6,826	\$ 127,000	* \$ 127,000	0%	100%	\$ -	\$ 127,000	\$ 127,000
Gist Street Infrastructure Improvements	\$ 165,000		\$ -	\$ 165,000	57%	20%	17%	5%	100%	As T&D PH	* \$ 94,681	\$ 32,873	\$ 28,578	\$ 8,869	\$ 165,000	* \$ 165,000	0%	100%	\$ -	\$ 165,000	\$ 165,000
Alicia Drive Water Line Replacement	\$ 61,500		\$ -	\$ 61,500	57%	20%	17%	5%	100%	As T&D PH	* \$ 35,290	\$ 12,253	\$ 10,652	\$ 3,306	\$ 61,500	* \$ 61,500	0%	100%	\$ -	\$ 61,500	\$ 61,500
Battle Avenue Infrastructure Replacement	\$ 642,500		\$ -	\$ 642,500	57%	20%	17%	5%	100%	As T&D PH	* \$ 368,681	\$ 128,004	\$ 111,280	\$ 34,535	\$ 642,500	* \$ 642,500	0%	100%	\$ -	\$ 642,500	\$ 642,500
Cummins Street Water Improvements	\$ 75,000		\$ -	\$ 75,000	57%	20%	17%	5%	100%	As T&D PH	* \$ 43,037	\$ 14,942	\$ 12,990	\$ 4,031	\$ 75,000	* \$ 75,000	0%	100%	\$ -	\$ 75,000	\$ 75,000
Murfreesboro Rd Water line Replacement	\$ 742,500		\$ (371,250)	\$ 371,250	57%	20%	17%	5%	100%	As T&D PH	* \$ 213,032	\$ 73,963	\$ 64,300	\$ 19,955	\$ 371,250	* \$ 742,500	50%	50%	\$ 371,250	\$ 371,250	\$ 742,500
Eastview Circle Infrastructure Improvements	\$ -		\$ -	\$ -	57%	20%	17%	5%	100%	As T&D PH	* \$ -	\$ -	\$ -	\$ -	\$ -	* \$ -	0%	100%	\$ -	\$ -	\$ -
Bonsal Way Water Line Replacement	\$ 120,000		\$ -	\$ 120,000	57%	20%	17%	5%	100%	As T&D PH	* \$ 68,859	\$ 23,907	\$ 20,784	\$ 6,450	\$ 120,000	* \$ 120,000	0%	100%	\$ -	\$ 120,000	\$ 120,000
Buckworth Infrastructure Improvements	\$ 90,000		\$ -	\$ 90,000	57%	20%	17%	5%	100%	As T&D PH	* \$ 51,644	\$ 17,931	\$ 15,588	\$ 4,838	\$ 90,000	* \$ 90,000	0%	100%	\$ -	\$ 90,000	\$ 90,000
West Main Infrastructure Improvements	\$ -		\$ -	\$ -	57%	20%	17%	5%	100%	As T&D PH	* \$ -	\$ -	\$ -	\$ -	\$ -	* \$ -	25%	75%	\$ -	\$ -	\$ -
Beta Drive Extension	\$ -		\$ -	\$ -	57%	20%	17%	5%	100%	As T&D PH	* \$ -	\$ -	\$ -	\$ -	\$ -	* \$ -	0%	100%	\$ -	\$ -	\$ -
Highway 96W Water Line Replacement	\$ 240,000		\$ -	\$ 240,000	57%	20%	17%	5%	100%	As T&D PH	* \$ 137,717	\$ 47,815	\$ 41,568	\$ 12,900	\$ 240,000	* \$ 240,000	0%	100%	\$ -	\$ 240,000	\$ 240,000
Manley Lane dead end removal	\$ -		\$ -	\$ -	57%	20%	17%	5%	100%	As T&D PH	* \$ -	\$ -	\$ -	\$ -	\$ -	* \$ -	0%	100%	\$ -	\$ -	\$ -
Lee Drive Water Line Replacement	\$ -		\$ -	\$ -	57%	20%	17%	5%	100%	As T&D PH	* \$ -	\$ -	\$ -	\$ -	\$ -	* \$ -	0%	100%	\$ -	\$ -	\$ -
Unidentified Water Infrastructure Improvement Projects	\$ 150,000		\$ -	\$ 150,000	57%	20%	17%	5%	100%	As T&D PH	* \$ 86,073	\$ 29,884	\$ 25,980	\$ 8,063	\$ 150,000	* \$ 150,000	0%	100%	\$ -	\$ 150,000	\$ 150,000
Subtotal Capital Improvement Plan 2019 - 2025	\$ 9,380,650	\$ -	\$ (956,250)	\$ 8,424,400							\$ 4,049,756	\$ 1,491,451	\$ 2,567,435	\$ 315,758	\$ 8,424,400	* \$ 9,380,650			\$ 956,250	\$ 8,424,400	\$ 9,380,650
											48%	18%	30%	4%	100%				10%	90%	100%
RR&Ext. Amount	\$ 8,424,400																				
Workplan Period	5			\$ 1,684,880	Amount R&R Related																
				\$ 1,684,880	Forced into Rates																
				\$ 1,451,654	Depreciation Check																

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of Base CIP
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	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Capital Improvement Plan 2019 - 2025								
Bobby Drive Water Line Replacement	\$ 490,618 30	\$ 295,546	\$ 62,795	\$ 89,163	\$ 7,056	\$ 31,243	\$ 4,816	\$ 490,618
Hillsboro Rd to Claude Yates WWTP water line replacement	\$ 344,293 30	\$ 207,401	\$ 44,067	\$ 62,570	\$ 4,952	\$ 21,925	\$ 3,379	\$ 344,293
16" Water Line Long Lane Connector	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Adams Street Infrastructure Improvements	\$ 292,649 30	\$ 176,291	\$ 37,457	\$ 53,185	\$ 4,209	\$ 18,636	\$ 2,872	\$ 292,649
Franklin Road Improvements & Streetscape	\$ 89,315 30	\$ 53,803	\$ 11,432	\$ 16,232	\$ 1,285	\$ 5,688	\$ 877	\$ 89,315
Church Street Infrastructure Improvements	\$ 92,672 30	\$ 55,825	\$ 11,861	\$ 16,842	\$ 1,333	\$ 5,901	\$ 910	\$ 92,672
New Hwy 96 Water Line Replacement	\$ 286,911 30	\$ 172,834	\$ 36,722	\$ 52,142	\$ 4,126	\$ 18,271	\$ 2,816	\$ 286,911
Old Carters Creek Pike Water Line Replacement	\$ 246,744 30	\$ 148,637	\$ 31,581	\$ 44,842	\$ 3,549	\$ 15,713	\$ 2,422	\$ 246,744
S. Margin Infrastructure Upgrades (1st - Columbia)	\$ 169,278 30	\$ 101,972	\$ 21,666	\$ 30,764	\$ 2,435	\$ 10,780	\$ 1,661	\$ 169,278
Forrest Street Infrastructure	\$ 83,204 30	\$ 50,122	\$ 10,649	\$ 15,121	\$ 1,197	\$ 5,298	\$ 817	\$ 83,204
Walnut Drive Water Improvements	\$ 103,288 30	\$ 62,220	\$ 13,220	\$ 18,771	\$ 1,485	\$ 6,577	\$ 1,014	\$ 103,288
Oakwood Transmission Main Improvements - Phase 1	\$ 678,895 30	\$ 408,964	\$ 86,893	\$ 123,379	\$ 9,764	\$ 43,232	\$ 6,664	\$ 678,895
Advanced Metering Infrastructure (AMI)	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
West End Circle Infrastructure Improvements	\$ 72,875 30	\$ 43,900	\$ 9,327	\$ 13,244	\$ 1,048	\$ 4,641	\$ 715	\$ 72,875
Gist Street Infrastructure Improvements	\$ 94,681 30	\$ 57,035	\$ 12,118	\$ 17,207	\$ 1,362	\$ 6,029	\$ 929	\$ 94,681
Alicia Drive Water Line Replacement	\$ 35,290 30	\$ 21,259	\$ 4,517	\$ 6,413	\$ 508	\$ 2,247	\$ 346	\$ 35,290
Battle Avenue Infrastructure Replacement	\$ 368,681 30	\$ 222,092	\$ 47,188	\$ 67,002	\$ 5,302	\$ 23,478	\$ 3,619	\$ 368,681
Cummins Street Water Improvements	\$ 43,037 30	\$ 25,925	\$ 5,508	\$ 7,821	\$ 619	\$ 2,741	\$ 422	\$ 43,037
Murfreesboro Rd Water line Replacement	\$ 213,032 30	\$ 128,329	\$ 27,266	\$ 38,715	\$ 3,064	\$ 13,566	\$ 2,091	\$ 213,032
Eastview Circle Infrastructure Improvements	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bonsal Way Water Line Replacement	\$ 68,859 30	\$ 41,480	\$ 8,813	\$ 12,514	\$ 990	\$ 4,385	\$ 676	\$ 68,859
Buckworth Infrastructure Improvements	\$ 51,644 30	\$ 31,110	\$ 6,610	\$ 9,386	\$ 743	\$ 3,289	\$ 507	\$ 51,644
West Main Infrastructure Improvements	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Beta Drive Extension	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Highway 96W Water Line Replacement	\$ 137,717 30	\$ 82,960	\$ 17,627	\$ 25,028	\$ 1,981	\$ 8,770	\$ 1,352	\$ 137,717
Manley Lane dead end removal	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lee Drive Water Line Replacement	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unidentified Water Infrastructure Improvement Projects	\$ 86,073 30	\$ 51,850	\$ 11,017	\$ 15,643	\$ 1,238	\$ 5,481	\$ 845	\$ 86,073
Subtotal Capital Improvement Plan 2019 - 2025	<u>\$ 4,049,756</u>	<u>\$ 2,439,557</u>	<u>\$ 518,335</u>	<u>\$ 735,983</u>	<u>\$ 58,243</u>	<u>\$ 257,889</u>	<u>\$ 39,749</u>	<u>\$ 4,049,756</u>
		60%	13%	18%	1%	6%	1%	100%

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	Test Yr.		Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Capital Improvement Plan 2019 - 2025									
Bobby Drive Water Line Replacement	\$ 170,340	33	\$ 96,638	\$ 22,899	\$ 25,904	\$ 3,305	\$ 18,677	\$ 2,918	\$ 170,340
Hillsboro Rd to Claude Yates WWTP water line replacement	\$ 119,537	33	\$ 67,816	\$ 16,069	\$ 18,178	\$ 2,320	\$ 13,107	\$ 2,048	\$ 119,537
16" Water Line Long Lane Connector	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Adams Street Infrastructure Improvements	\$ 101,606	33	\$ 57,644	\$ 13,659	\$ 15,451	\$ 1,972	\$ 11,141	\$ 1,741	\$ 101,606
Franklin Road Improvements & Streetscape	\$ 31,010	33	\$ 17,593	\$ 4,169	\$ 4,716	\$ 602	\$ 3,400	\$ 531	\$ 31,010
Church Street Infrastructure Improvements	\$ 32,175	33	\$ 18,254	\$ 4,325	\$ 4,893	\$ 624	\$ 3,528	\$ 551	\$ 32,175
New Hwy 96 Water Line Replacement	\$ 99,614	33	\$ 56,513	\$ 13,391	\$ 15,148	\$ 1,933	\$ 10,922	\$ 1,706	\$ 99,614
Old Carters Creek Pike Water Line Replacement	\$ 85,668	33	\$ 48,602	\$ 11,516	\$ 13,028	\$ 1,662	\$ 9,393	\$ 1,468	\$ 85,668
S. Margin Infnastructure Upgrades (1st - Columbia)	\$ 58,772	33	\$ 33,343	\$ 7,901	\$ 8,937	\$ 1,140	\$ 6,444	\$ 1,007	\$ 58,772
Forrest Street Infrastructure	\$ 28,888	33	\$ 16,389	\$ 3,883	\$ 4,393	\$ 561	\$ 3,167	\$ 495	\$ 28,888
Walnut Drive Water Improvements	\$ 35,861	33	\$ 20,345	\$ 4,821	\$ 5,453	\$ 696	\$ 3,932	\$ 614	\$ 35,861
Oakwood Transmission Main Improvements - Phase 1	\$ 321,105	33	\$182,170	\$ 43,166	\$ 48,830	\$ 6,231	\$ 35,207	\$ 5,501	\$ 321,105
Advanced Metering Infrastructure (AMI)	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
West End Circle Infrastructure Improvements	\$ 25,302	33	\$ 14,354	\$ 3,401	\$ 3,848	\$ 491	\$ 2,774	\$ 433	\$ 25,302
Gist Street Infrastructure Improvements	\$ 32,873	33	\$ 18,649	\$ 4,419	\$ 4,999	\$ 638	\$ 3,604	\$ 563	\$ 32,873
Alicia Drive Water Line Replacement	\$ 12,253	33	\$ 6,951	\$ 1,647	\$ 1,863	\$ 238	\$ 1,343	\$ 210	\$ 12,253
Battle Avenue Infrastructure Replacement	\$ 128,004	33	\$ 72,620	\$ 17,207	\$ 19,466	\$ 2,484	\$ 14,035	\$ 2,193	\$ 128,004
Cummins Street Water Improvements	\$ 14,942	33	\$ 8,477	\$ 2,009	\$ 2,272	\$ 290	\$ 1,638	\$ 256	\$ 14,942
Murfreesboro Rd Water line Replacement	\$ 73,963	33	\$ 41,961	\$ 9,943	\$ 11,248	\$ 1,435	\$ 8,110	\$ 1,267	\$ 73,963
Eastview Circle Infrastructure Improvements	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bonsal Way Water Line Replacement	\$ 23,907	33	\$ 13,563	\$ 3,214	\$ 3,636	\$ 464	\$ 2,621	\$ 410	\$ 23,907
Buckworth Infrastructure Improvements	\$ 17,931	33	\$ 10,172	\$ 2,410	\$ 2,727	\$ 348	\$ 1,966	\$ 307	\$ 17,931
West Main Infrastructure Improvements	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Beta Drive Extension	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Highway 96W Water Line Replacement	\$ 47,815	33	\$ 27,126	\$ 6,428	\$ 7,271	\$ 928	\$ 5,243	\$ 819	\$ 47,815
Manley Lane dead end removal	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lee Drive Water Line Replacement	\$ -	33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unidentified Water Infrastructure Improvement Projects	\$ 29,884	33	\$ 16,954	\$ 4,017	\$ 4,544	\$ 580	\$ 3,277	\$ 512	\$ 29,884
Subtotal Capital Improvement Plan 2019 - 2025	<u>\$1,491,451</u>		<u>\$846,135</u>	<u>\$200,494</u>	<u>\$226,804</u>	<u>\$28,940</u>	<u>\$163,529</u>	<u>\$25,549</u>	<u>\$1,491,451</u>
			57%	13%	15%	2%	11%	2%	100%

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	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Capital Improvement Plan 2019 - 2025								
Bobby Drive Water Line Replacement	\$ 148,084 21	\$ 114,379	\$ 22,369	\$ 8,517	\$ 554	\$ 1,637	\$ 628	\$ 148,084
Hillsboro Rd to Claude Yates WWTP water line replacement	\$ 103,919 21	\$ 80,266	\$ 15,698	\$ 5,977	\$ 389	\$ 1,149	\$ 441	\$ 103,919
16" Water Line Long Lane Connector	\$ - 21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Adams Street Infrastructure Improvements	\$ 88,331 21	\$ 68,226	\$ 13,343	\$ 5,080	\$ 331	\$ 976	\$ 375	\$ 88,331
Franklin Road Improvements & Streetscape	\$ 26,958 21	\$ 20,822	\$ 4,072	\$ 1,550	\$ 101	\$ 298	\$ 114	\$ 26,958
Church Street Infrastructure Improvements	\$ 27,971 21	\$ 21,605	\$ 4,225	\$ 1,609	\$ 105	\$ 309	\$ 119	\$ 27,971
New Hwy 96 Water Line Replacement	\$ 86,599 21	\$ 66,888	\$ 13,081	\$ 4,981	\$ 324	\$ 957	\$ 368	\$ 86,599
Old Carters Creek Pike Water Line Replacement	\$ 74,475 21	\$ 57,524	\$ 11,250	\$ 4,283	\$ 279	\$ 823	\$ 316	\$ 74,475
S. Margin Infrastructure Upgrades (1st - Columbia)	\$ 51,093 21	\$ 39,464	\$ 7,718	\$ 2,939	\$ 191	\$ 565	\$ 217	\$ 51,093
Forrest Street Infrastructure	\$ 25,114 21	\$ 19,398	\$ 3,794	\$ 1,444	\$ 94	\$ 278	\$ 107	\$ 25,114
Walnut Drive Water Improvements	\$ 31,176 21	\$ 24,080	\$ 4,709	\$ 1,793	\$ 117	\$ 345	\$ 132	\$ 31,176
Oakwood Transmission Main Improvements - Phase 1	\$ - 21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Advanced Metering Infrastructure (AMI)	\$ 1,550,000 21	\$ 1,197,206	\$ 234,136	\$ 89,146	\$ 5,803	\$ 17,131	\$ 6,578	\$ 1,550,000
West End Circle Infrastructure Improvements	\$ 21,996 21	\$ 16,990	\$ 3,323	\$ 1,265	\$ 82	\$ 243	\$ 93	\$ 21,996
Gist Street Infrastructure Improvements	\$ 28,578 21	\$ 22,073	\$ 4,317	\$ 1,644	\$ 107	\$ 316	\$ 121	\$ 28,578
Alicia Drive Water Line Replacement	\$ 10,652 21	\$ 8,227	\$ 1,609	\$ 613	\$ 40	\$ 118	\$ 45	\$ 10,652
Battle Avenue Infrastructure Replacement	\$ 111,280 21	\$ 85,951	\$ 16,809	\$ 6,400	\$ 417	\$ 1,230	\$ 472	\$ 111,280
Cummins Street Water Improvements	\$ 12,990 21	\$ 10,033	\$ 1,962	\$ 747	\$ 49	\$ 144	\$ 55	\$ 12,990
Murfreesboro Rd. Water line Replacement	\$ 64,300 21	\$ 49,665	\$ 9,713	\$ 3,698	\$ 241	\$ 711	\$ 273	\$ 64,300
Eastview Circle Infrastructure Improvements	\$ - 21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bonsal Way Water Line Replacement	\$ 20,784 21	\$ 16,053	\$ 3,140	\$ 1,195	\$ 78	\$ 230	\$ 88	\$ 20,784
Buckworth Infrastructure Improvements	\$ 15,588 21	\$ 12,040	\$ 2,355	\$ 897	\$ 58	\$ 172	\$ 66	\$ 15,588
West Main Infrastructure Improvements	\$ - 21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Beta Drive Extension	\$ - 21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Highway 96W Water Line Replacement	\$ 41,568 21	\$ 32,106	\$ 6,279	\$ 2,391	\$ 156	\$ 459	\$ 176	\$ 41,568
Manley Lane dead end removal	\$ - 21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lee Drive Water Line Replacement	\$ - 21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unidentified Water Infrastructure Improvement Projects	\$ 25,980 21	\$ 20,066	\$ 3,924	\$ 1,494	\$ 97	\$ 287	\$ 110	\$ 25,980
Subtotal Capital Improvement Plan 2019 - 2025	<u>\$ 2,567,435</u>	<u>\$ 1,983,064</u>	<u>\$ 387,826</u>	<u>\$ 147,662</u>	<u>\$ 9,612</u>	<u>\$ 28,376</u>	<u>\$ 10,896</u>	<u>\$ 2,567,435</u>
		77%	15%	6%	0%	1%	0%	100%

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of Fire Protection CIP
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	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Capital Improvement Plan 2019 - 2025								
Bobby Drive Water Line Replacement	\$ 45,958 40	\$ 30,379	\$ 5,941	\$ 9,048	\$ 589	\$ -	\$ -	\$ 45,958
Hillsboro Rd to Claude Yates WWTP water line replacement	\$ 32,251 40	\$ 21,319	\$ 4,169	\$ 6,350	\$ 413	\$ -	\$ -	\$ 32,251
16" Water Line Long Lane Connector	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Adams Street Infrastructure Improvements	\$ 27,413 40	\$ 18,121	\$ 3,544	\$ 5,397	\$ 351	\$ -	\$ -	\$ 27,413
Franklin Road Improvements & Streetscape	\$ 8,366 40	\$ 5,530	\$ 1,082	\$ 1,647	\$ 107	\$ -	\$ -	\$ 8,366
Church Street Infrastructure Improvements	\$ 8,681 40	\$ 5,738	\$ 1,122	\$ 1,709	\$ 111	\$ -	\$ -	\$ 8,681
New Hwy 96 Water Line Replacement	\$ 26,876 40	\$ 17,766	\$ 3,474	\$ 5,291	\$ 344	\$ -	\$ -	\$ 26,876
Old Carters Creek Pike Water Line Replacement	\$ 23,113 40	\$ 15,278	\$ 2,988	\$ 4,551	\$ 296	\$ -	\$ -	\$ 23,113
S. Margin Infrastructure Upgrades (1st - Columbia)	\$ 15,857 40	\$ 10,482	\$ 2,050	\$ 3,122	\$ 203	\$ -	\$ -	\$ 15,857
Forrest Street Infrastructure	\$ 7,794 40	\$ 5,152	\$ 1,008	\$ 1,535	\$ 100	\$ -	\$ -	\$ 7,794
Walnut Drive Water Improvements	\$ 9,675 40	\$ 6,396	\$ 1,251	\$ 1,905	\$ 124	\$ -	\$ -	\$ 9,675
Oakwood Transmission Main Improvements - Phase 1	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Advanced Metering Infrastructure (AMI)	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
West End Circle Infrastructure Improvements	\$ 6,826 40	\$ 4,512	\$ 882	\$ 1,344	\$ 87	\$ -	\$ -	\$ 6,826
Gist Street Infrastructure Improvements	\$ 8,869 40	\$ 5,863	\$ 1,147	\$ 1,746	\$ 114	\$ -	\$ -	\$ 8,869
Alicia Drive Water Line Replacement	\$ 3,306 40	\$ 2,185	\$ 427	\$ 651	\$ 42	\$ -	\$ -	\$ 3,306
Battle Avenue Infrastructure Replacement	\$ 34,535 40	\$ 22,829	\$ 4,465	\$ 6,799	\$ 443	\$ -	\$ -	\$ 34,535
Cummins Street Water Improvements	\$ 4,031 40	\$ 2,665	\$ 521	\$ 794	\$ 52	\$ -	\$ -	\$ 4,031
Murfreesboro Rd Water line Replacement	\$ 19,955 40	\$ 13,191	\$ 2,580	\$ 3,929	\$ 256	\$ -	\$ -	\$ 19,955
Eastview Circle Infrastructure Improvements	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bonsal Way Water Line Replacement	\$ 6,450 40	\$ 4,264	\$ 834	\$ 1,270	\$ 83	\$ -	\$ -	\$ 6,450
Buckworth Infrastructure Improvements	\$ 4,838 40	\$ 3,198	\$ 625	\$ 952	\$ 62	\$ -	\$ -	\$ 4,838
West Main Infrastructure Improvements	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Beta Drive Extension	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Highway 96W Water Line Replacement	\$ 12,900 40	\$ 8,527	\$ 1,668	\$ 2,540	\$ 165	\$ -	\$ -	\$ 12,900
Manley Lane dead end removal	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lee Drive Water Line Replacement	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unidentified Water Infrastructure Improvement Projects	\$ 8,063 40	\$ 5,330	\$ 1,042	\$ 1,587	\$ 103	\$ -	\$ -	\$ 8,063
Subtotal Capital Improvement Plan 2019 - 2025	<u>\$315,758</u>	<u>\$208,724</u>	<u>\$40,820</u>	<u>\$62,168</u>	<u>\$4,047</u>	<u>\$-</u>	<u>\$ -</u>	<u>\$315,758</u>
		66%	13%	20%	1%	0%	0%	100%

City of Franklin, TN
Water Cost of Service-12-Months Ending June 2017
Allocation of CIP
[Main Menu](#)

	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out	Total
Capital Improvement Plan 2019 - 2025								
Bobby Drive Water Line Replacement	\$ 855,000	\$ 536,942	\$ 114,004	\$ 132,631	\$ 11,505	\$ 51,556	\$ 8,362	\$ 855,000
Hillsboro Rd to Claude Yates WWTP water line replacement	\$ 600,000	\$ 376,802	\$ 80,003	\$ 93,075	\$ 8,073	\$ 36,180	\$ 5,868	\$ 600,000
16" Water Line Long Lane Connector	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Adams Street Infrastructure Improvements	\$ 510,000	\$ 320,281	\$ 68,002	\$ 79,113	\$ 6,862	\$ 30,753	\$ 4,988	\$ 510,000
Franklin Road Improvements & Streetscape	\$ 155,650	\$ 97,749	\$ 20,754	\$ 24,145	\$ 2,094	\$ 9,386	\$ 1,522	\$ 155,650
Church Street Infrastructure Improvements	\$ 161,500	\$ 101,422	\$ 21,534	\$ 25,053	\$ 2,173	\$ 9,738	\$ 1,579	\$ 161,500
New Hwy 96 Water Line Replacement	\$ 500,000	\$ 314,001	\$ 66,669	\$ 77,562	\$ 6,728	\$ 30,150	\$ 4,890	\$ 500,000
Old Carters Creek Pike Water Line Replacement	\$ 430,000	\$ 270,041	\$ 57,335	\$ 66,703	\$ 5,786	\$ 25,929	\$ 4,205	\$ 430,000
S. Margin Infrastructure Upgrades (1st - Columbia)	\$ 295,000	\$ 185,261	\$ 39,335	\$ 45,762	\$ 3,969	\$ 17,788	\$ 2,885	\$ 295,000
Forrest Street Infrastructure	\$ 145,000	\$ 91,060	\$ 19,334	\$ 22,493	\$ 1,951	\$ 8,743	\$ 1,418	\$ 145,000
Walnut Drive Water Improvements	\$ 180,000	\$ 113,040	\$ 24,001	\$ 27,922	\$ 2,422	\$ 10,854	\$ 1,760	\$ 180,000
Oakwood Transmission Main Improvements - Phase 1	\$1,000,000	\$ 591,134	\$ 130,059	\$ 172,209	\$ 15,995	\$ 78,439	\$12,164	\$1,000,000
Advanced Metering Infrastructure (AMI)	\$1,550,000	\$1,197,206	\$ 234,136	\$ 89,146	\$ 5,803	\$ 17,131	\$ 6,578	\$1,550,000
West End Circle Infrastructure Improvements	\$ 127,000	\$ 79,756	\$ 16,934	\$ 19,701	\$ 1,709	\$ 7,658	\$ 1,242	\$ 127,000
Gist Street Infrastructure Improvements	\$ 165,000	\$ 103,620	\$ 22,001	\$ 25,596	\$ 2,220	\$ 9,949	\$ 1,614	\$ 165,000
Alicia Drive Water Line Replacement	\$ 61,500	\$ 38,622	\$ 8,200	\$ 9,540	\$ 828	\$ 3,708	\$ 601	\$ 61,500
Battle Avenue Infrastructure Replacement	\$ 642,500	\$ 403,492	\$ 85,670	\$ 99,667	\$ 8,645	\$ 38,742	\$ 6,284	\$ 642,500
Cummins Street Water Improvements	\$ 75,000	\$ 47,100	\$ 10,000	\$ 11,634	\$ 1,009	\$ 4,522	\$ 734	\$ 75,000
Murfreesboro Rd Water line Replacement	\$ 371,250	\$ 233,146	\$ 49,502	\$ 57,590	\$ 4,995	\$ 22,386	\$ 3,631	\$ 371,250
Eastview Circle Infrastructure Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bonsal Way Water Line Replacement	\$ 120,000	\$ 75,360	\$ 16,001	\$ 18,615	\$ 1,615	\$ 7,236	\$ 1,174	\$ 120,000
Buckworth Infrastructure Improvements	\$ 90,000	\$ 56,520	\$ 12,000	\$ 13,961	\$ 1,211	\$ 5,427	\$ 880	\$ 90,000
West Main Infrastructure Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Beta Drive Extension	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Highway 96W Water Line Replacement	\$ 240,000	\$ 150,721	\$ 32,001	\$ 37,230	\$ 3,229	\$ 14,472	\$ 2,347	\$ 240,000
Manley Lane dead end removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lee Drive Water Line Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unidentified Water Infrastructure Improvement Projects	\$ 150,000	\$ 94,200	\$ 20,001	\$ 23,269	\$ 2,018	\$ 9,045	\$ 1,467	\$ 150,000
Subtotal Capital Improvement Plan 2019 - 2025	<u>\$8,424,400</u>	<u>\$5,477,479</u>	<u>\$1,147,475</u>	<u>\$1,172,618</u>	<u>\$100,842</u>	<u>\$449,793</u>	<u>\$76,194</u>	<u>\$8,424,400</u>
		65%	14%	14%	1%	5%	1%	100%

Sewer Cost of Service Study
12 Months Ending 6/30/2017
City of Franklin, TN

Summary

City of Franklin, TN

Sewer Cost of Service - 12-months Ending June 2017

Summary of Cost of Service Allocation

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	Total	1 Res-In	2 Res-Out	3 C/I-In	4 C/I-Out	Total
TOTAL REV. REQ.						
Operations & Maintenance Expense	\$ 8,588,198	\$ 6,391,965	\$ 154,699	\$ 1,950,371	\$ 91,164	\$ 8,588,198
Plus: Debt Service	\$ 1,260,085	\$ 858,171	\$ 19,142	\$ 365,903	\$ 16,869	\$ 1,260,085
Plus: Rate Funded Capital	\$ 4,270,986	\$ 2,944,908	\$ 66,495	\$ 1,203,992	\$ 55,591	\$ 4,270,986
Total Revenue Requirement	\$ 14,119,269	\$ 10,195,044	\$ 240,335	\$ 3,520,266	\$ 163,625	\$ 14,119,269
Less: Other Revenue	\$ 524,978	\$ 435,428	\$ 11,452	\$ 74,486	\$ 3,613	\$ 524,978
Rate Requirement	\$ 13,594,291	\$ 9,759,616	\$ 228,884	\$ 3,445,779	\$ 160,012	\$ 13,594,291

Annual Sales (Kgal)	2,558,274	1,653,847	34,914	831,385	38,127	2,558,274
Rate Rev. Req./Kgal	\$ 5.31	\$ 5.90	\$ 6.56	\$ 4.14	\$ 4.20	\$ 5.31
Rate Rev. Req./Customer	\$ 47.54	\$ 37.48	\$ 31.47	\$ 198.43	\$ 168.26	\$ 47.54

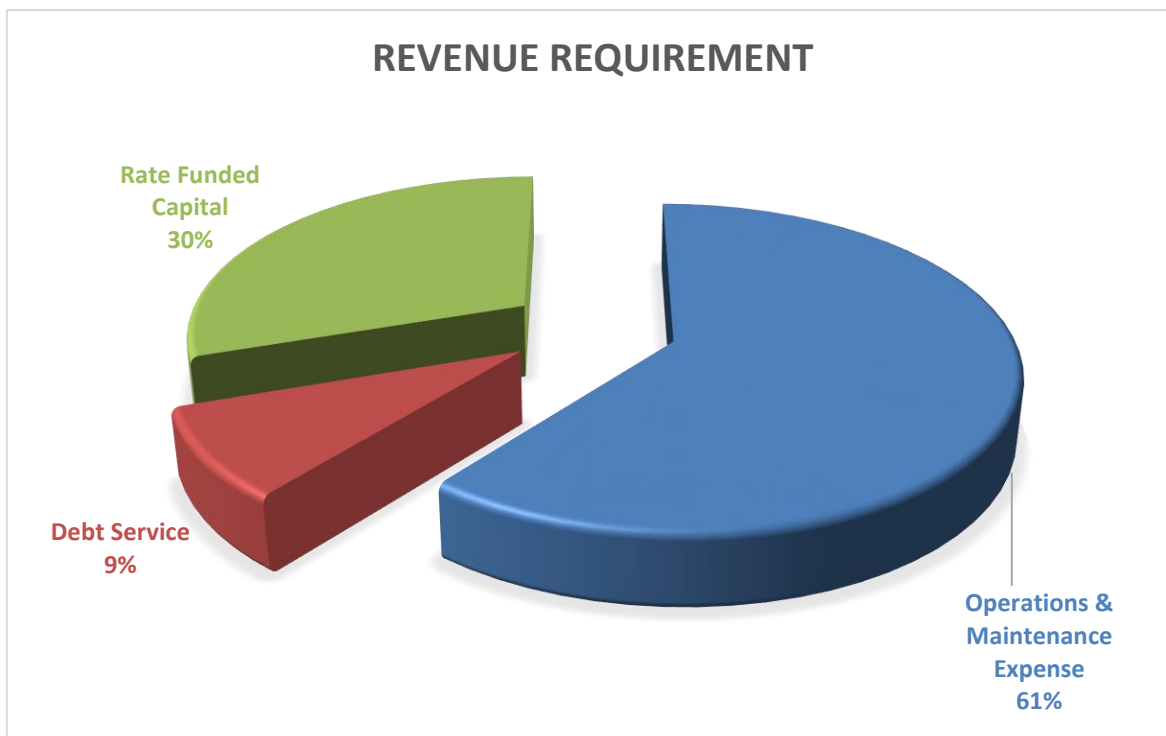
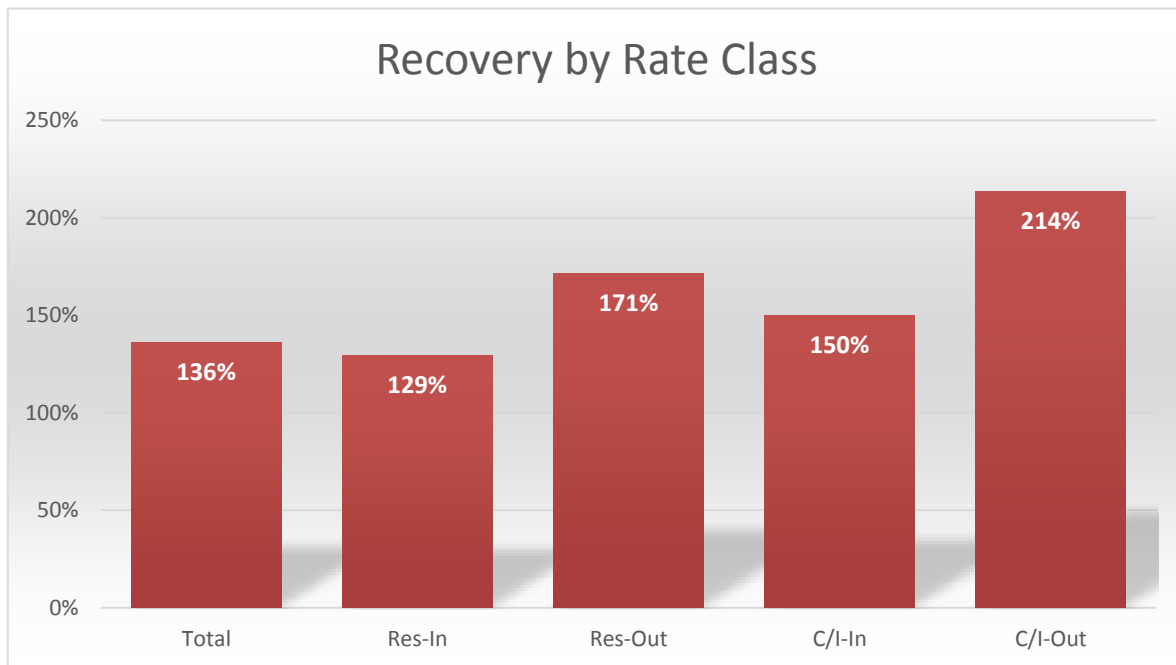
	Total	Res-In	Res-Out	C/I-In	C/I-Out	Total
CUSTOMER						
Operations & Maintenance Expense	\$ 3,181,068	\$ 2,896,418	\$ 80,904	\$ 193,167	\$ 10,579	\$ 3,181,068
Plus: Debt Service	\$ 1,260,085	\$ 858,171	\$ 19,142	\$ 365,903	\$ 16,869	\$ 1,260,085
Plus: Rate Funded Capital	\$ 696,253	\$ 633,951	\$ 17,708	\$ 42,279	\$ 2,315	\$ 696,253
Total Revenue Requirement	\$ 5,137,407	\$ 4,388,540	\$ 117,754	\$ 601,349	\$ 29,764	\$ 5,137,407
Less: Other Revenue	\$ 524,978	\$ 435,428	\$ 11,452	\$ 74,486	\$ 3,613	\$ 524,978
Rate Requirement	\$ 4,612,429	\$ 3,953,112	\$ 106,302	\$ 526,863	\$ 26,151	\$ 4,612,429

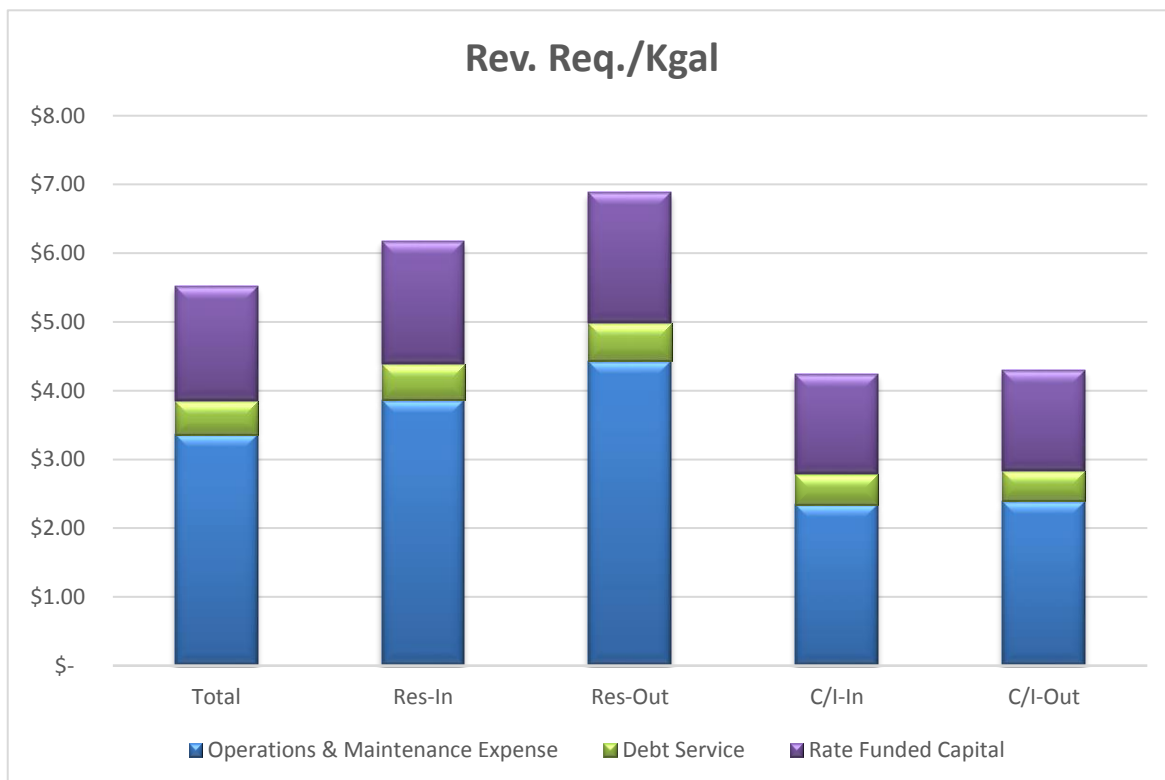
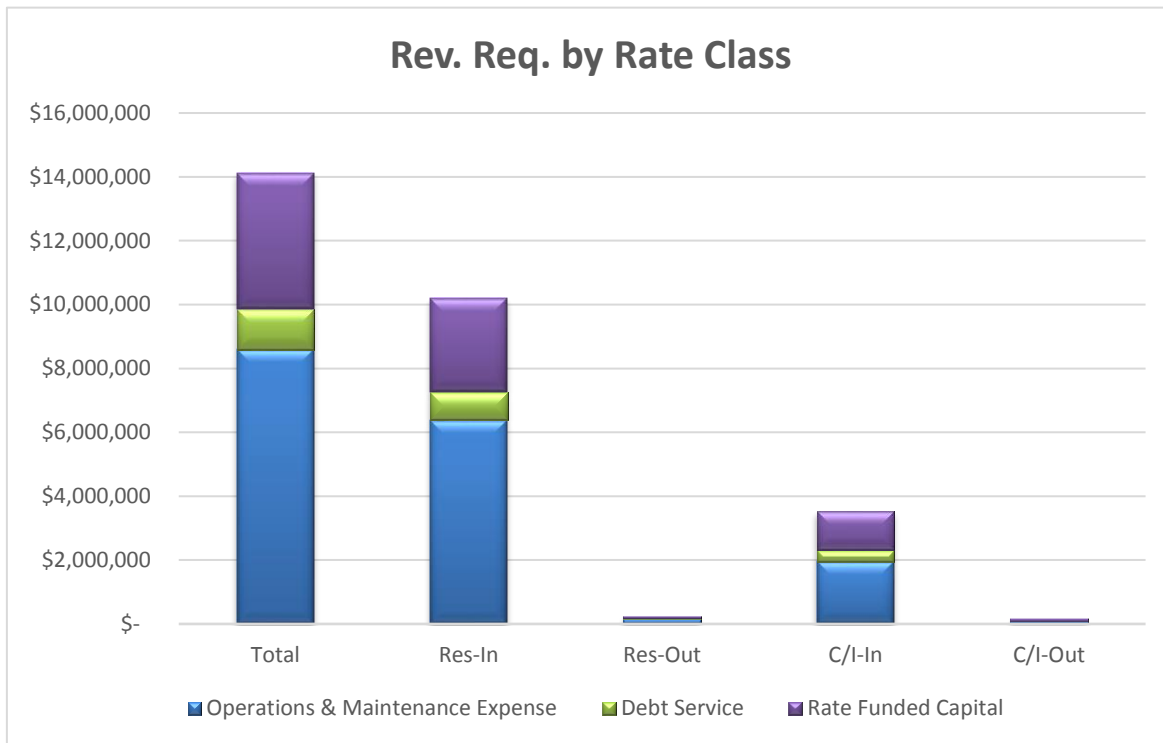
Annual Billings	285,966	260,377	7,273	17,365	951	285,966
Calculated Customer Charge	\$ 15.18	\$ 14.62	\$ 30.34	\$ 27.50		

	Total	Res-In	Res-Out	C/I-In	C/I-Out	Total
CONSUMPTION						
Operations & Maintenance Expense	\$ 5,407,130	\$ 3,495,547	\$ 73,795	\$ 1,757,203	\$ 80,585	\$ 5,407,130
Plus: Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Plus: Rate Funded Capital	\$ 3,574,733	\$ 2,310,957	\$ 48,787	\$ 1,161,713	\$ 53,276	\$ 3,574,733
Total Revenue Requirement	\$ 8,981,862	\$ 5,806,504	\$ 122,581	\$ 2,918,916	\$ 133,861	\$ 8,981,862
Less: Other Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate Requirement	\$ 8,981,862	\$ 5,806,504	\$ 122,581	\$ 2,918,916	\$ 133,861	\$ 8,981,862

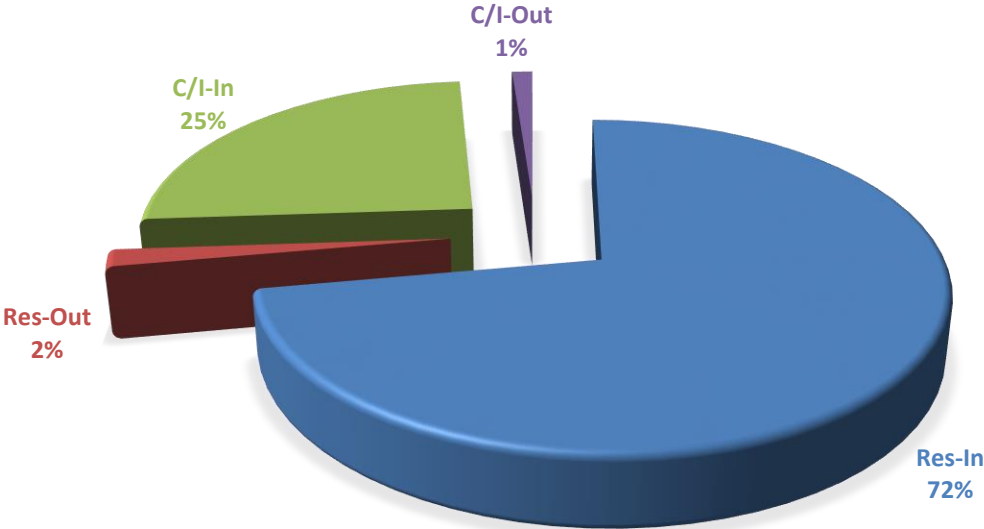
Calculated Water Rate (Kgal)	\$ 3.51	\$ 3.51	\$ 3.51	\$ 3.51		
	Total	Res-In	Res-Out	C/I-In	C/I-Out	Total
Current Rate Revenue	\$ 18,676,471	\$ 12,732,237	\$ 400,378	\$ 5,197,885	\$ 345,971	\$ 18,676,471
Over/(Under) Recovery	\$ 5,082,180	\$ 2,972,621	\$ 171,494	\$ 1,752,105	\$ 185,959	\$ 5,082,180
Total Revenue	\$ 19,201,449	\$ 13,167,664	\$ 411,830	\$ 5,272,371	\$ 349,584	\$ 19,201,449
Over/(Under) Recovery	\$ 5,082,180	\$ 2,972,621	\$ 171,494	\$ 1,752,105	\$ 185,959	\$ 5,082,180

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Summary of Results
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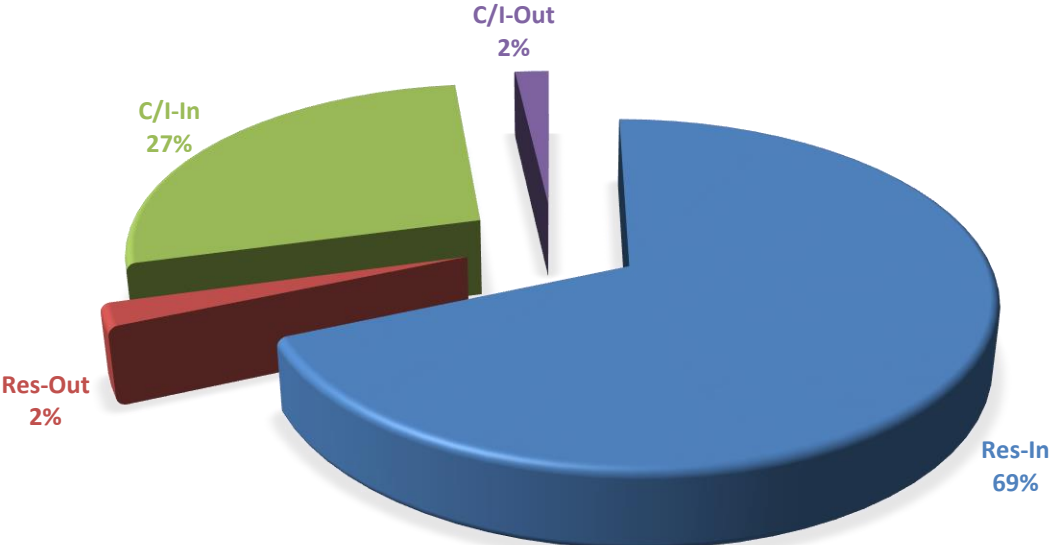




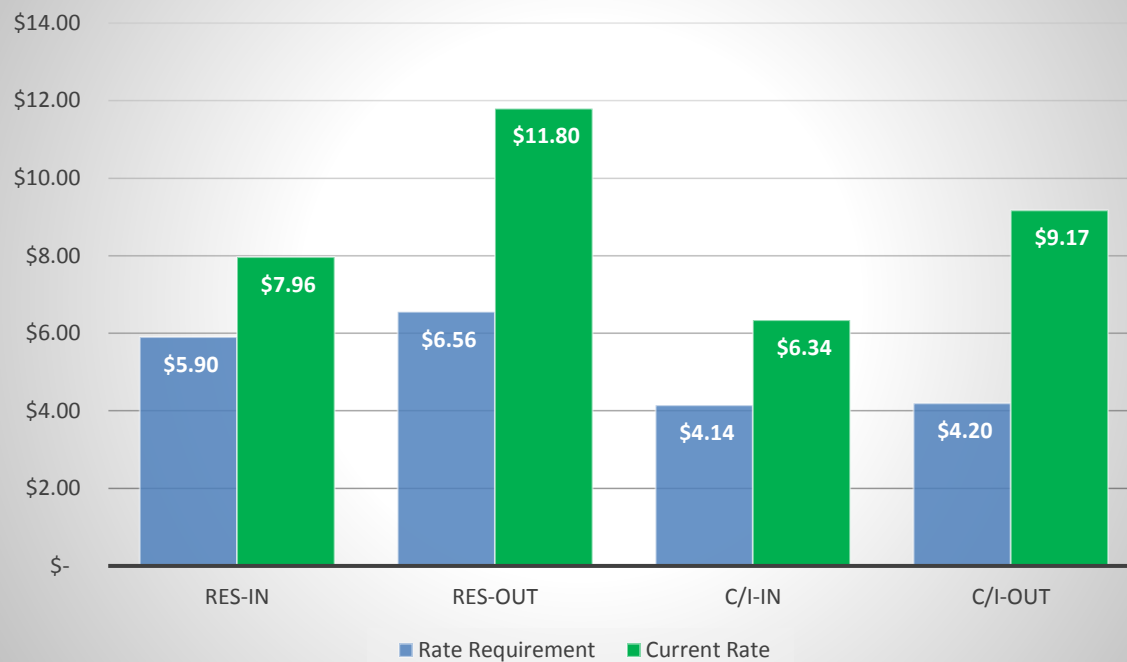
REVENUE REQUIREMENT BY CLASS



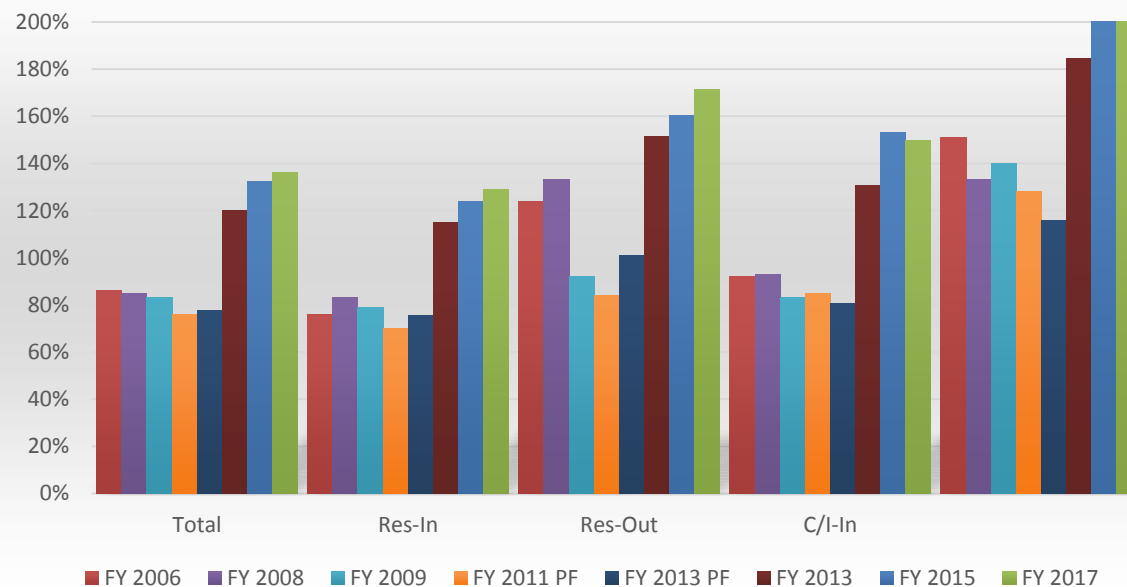
CURRENT REVENUE



Comparison on KGal



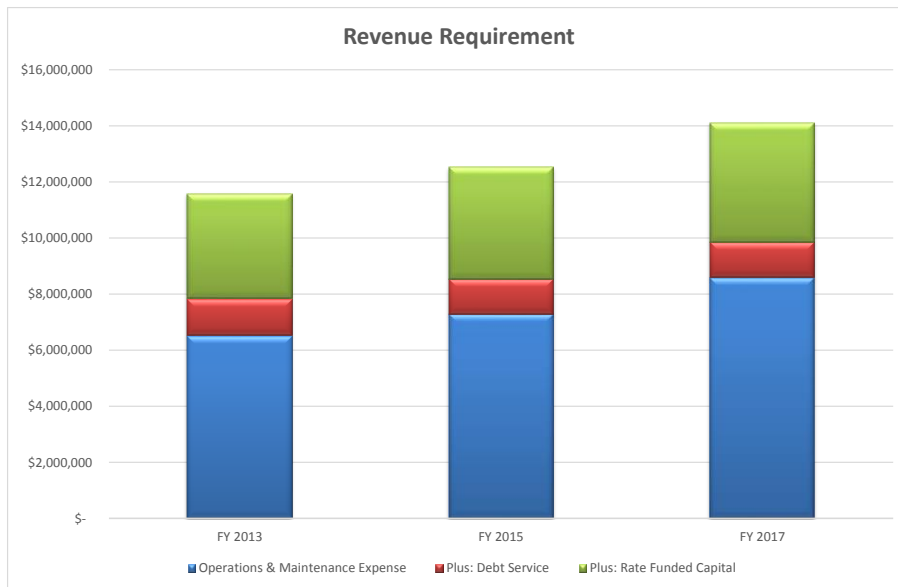
Historical Recovery



City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Summary of Results
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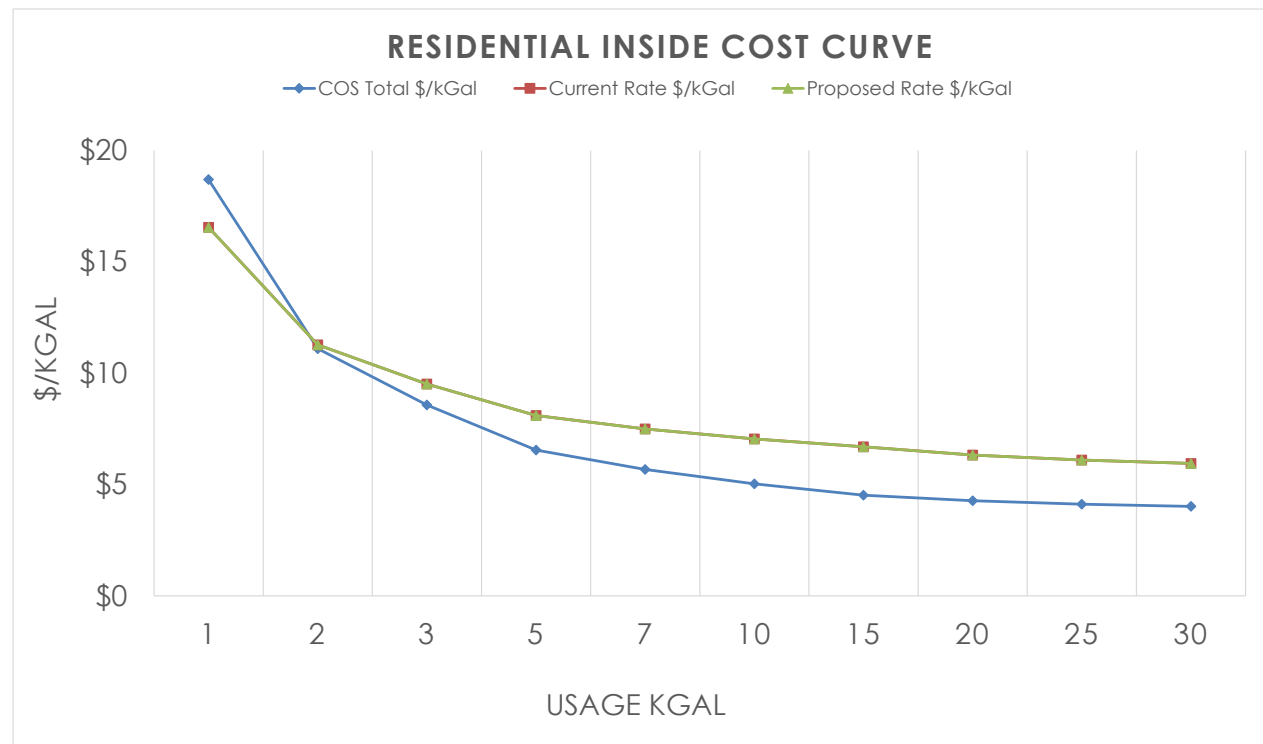
TOTAL REV. REQ.	FY 2013	FY 2015	FY 2017	Diff. (\$)	Diff. (%)
Operations & Maintenance Expense	\$ 6,520,832	\$ 7,275,507	\$ 8,588,198	\$ 1,312,691	18.0%
Plus: Debt Service	\$ 1,315,695	\$ 1,268,096	\$ 1,260,085	\$ (8,011)	-0.6%
Plus: Rate Funded Capital	\$ 3,750,547	\$ 3,995,259	\$ 4,270,986	\$ 275,727	6.9%
Total Revenue Requirement	\$ 11,587,074	\$ 12,538,862	\$ 14,119,269	\$ 1,580,407	12.6%
Less: Other Revenue	\$ 386,226	\$ 507,265	\$ 524,978	\$ 17,714	3.5%
Rate Requirement	\$ 11,200,848	\$ 12,031,597	\$ 13,594,291	\$ 1,562,694	13.0%
Annual Sales (kGal)	2,333,062	2,333,768	2,558,274	224,506	9.6%
Rate Requirement per kGal	\$ 4.80	\$ 5.16	\$ 5.31	\$ 0.16	3.1%

TOTAL REV. REQ.	FY 2013	FY 2015	FY 2017	Diff. (\$)	Diff. (%)
Operations & Maintenance Expense	\$ 2.79	\$ 3.12	\$ 3.36	\$ 0.24	7.7%
Plus: Debt Service	\$ 0.56	\$ 0.54	\$ 0.49	\$ (0.05)	-9.4%
Plus: Rate Funded Capital	\$ 1.61	\$ 1.71	\$ 1.67	\$ (0.04)	-2.5%
Total Revenue Requirement	\$ 4.97	\$ 5.37	\$ 5.52	\$ 0.15	2.7%
Less: Other Revenue	\$ 0.17	\$ 0.22	\$ 0.21	\$ (0.01)	-5.6%
Rate Requirement	\$ 4.80	\$ 5.16	\$ 5.31	\$ 0.16	3.1%



City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Res-In
[Main Menu](#)

	Cost of Service	Current Rate	Proposed Rate	Difference
Customer Charge (1,000 Gal)	\$ 15.18	\$ 16.55	\$ 16.55	\$ -
Next 14,000 Gallons	\$ 3.51	\$ 5.99	\$ 5.99	\$ -
All Additional		\$ 5.20	\$ 5.20	\$ -



Usage	COS Rates	Current Rates	Proposed Rates	Monthly Change	Daily Change	Current \$/kGal	Proposed \$/kGal
1	\$ 18.69	\$ 16.55	\$ 16.55	\$ -	\$ -	\$ 16.55	\$ 16.55
2	\$ 22.20	\$ 22.54	\$ 22.54	\$ -	\$ -	\$ 11.27	\$ 11.27
3	\$ 25.71	\$ 28.53	\$ 28.53	\$ -	\$ -	\$ 9.51	\$ 9.51
5	\$ 32.74	\$ 40.51	\$ 40.51	\$ -	\$ -	\$ 8.10	\$ 8.10
7	\$ 39.76	\$ 52.49	\$ 52.49	\$ -	\$ -	\$ 7.50	\$ 7.50
10	\$ 50.29	\$ 70.46	\$ 70.46	\$ -	\$ -	\$ 7.05	\$ 7.05
15	\$ 67.85	\$ 100.41	\$ 100.41	\$ -	\$ -	\$ 6.69	\$ 6.69
20	\$ 85.40	\$ 126.41	\$ 126.41	\$ -	\$ -	\$ 6.32	\$ 6.32
25	\$ 102.95	\$ 152.41	\$ 152.41	\$ -	\$ -	\$ 6.10	\$ 6.10
30	\$ 120.51	\$ 178.41	\$ 178.41	\$ -	\$ -	\$ 5.95	\$ 5.95
Average Usage	6,352						

Additional Customer Revenue	\$ -
Additional Usage Revenue	\$ -
	\$ -
Current Recovery	\$ 2,972,621

City of Franklin, TN

Projected Revenue Requirements

Revenue Requirement	2017	2019	2020	2021	2022	2023
O&M Expense	\$ 8,588,198	\$ 10,755,000	\$ 10,941,142	\$ 11,280,673	\$ 11,486,041	\$ 11,737,589
Debt Service	\$ 1,260,085	\$ 1,904,653	\$ 1,943,438	\$ 4,687,282	\$ 5,579,120	\$ 5,241,409
Rate Funded Capital	\$ 4,270,986	\$ 4,270,986	\$ 4,270,986	\$ 4,270,986	\$ 4,270,986	\$ 4,270,986
Total Revenue Requirement	\$ 14,119,269	\$ 16,930,639	\$ 17,155,566	\$ 20,238,941	\$ 21,336,147	\$ 21,249,984
Less: Other Revenue	\$ 524,978	\$ 524,978	\$ 524,978	\$ 524,978	\$ 524,978	\$ 524,978
Rate Requirement	\$ 13,594,291	\$ 16,405,660	\$ 16,630,587	\$ 19,713,962	\$ 20,811,168	\$ 20,725,005
Annual Sales (Kgal)	2,558,274	2,558,274	2,558,274	2,558,274	2,558,274	2,558,274
Rate Requirement per Kgal	\$ 5.31	\$ 6.41	\$ 6.50	\$ 7.71	\$ 8.13	\$ 8.10

City of Franklin, TN

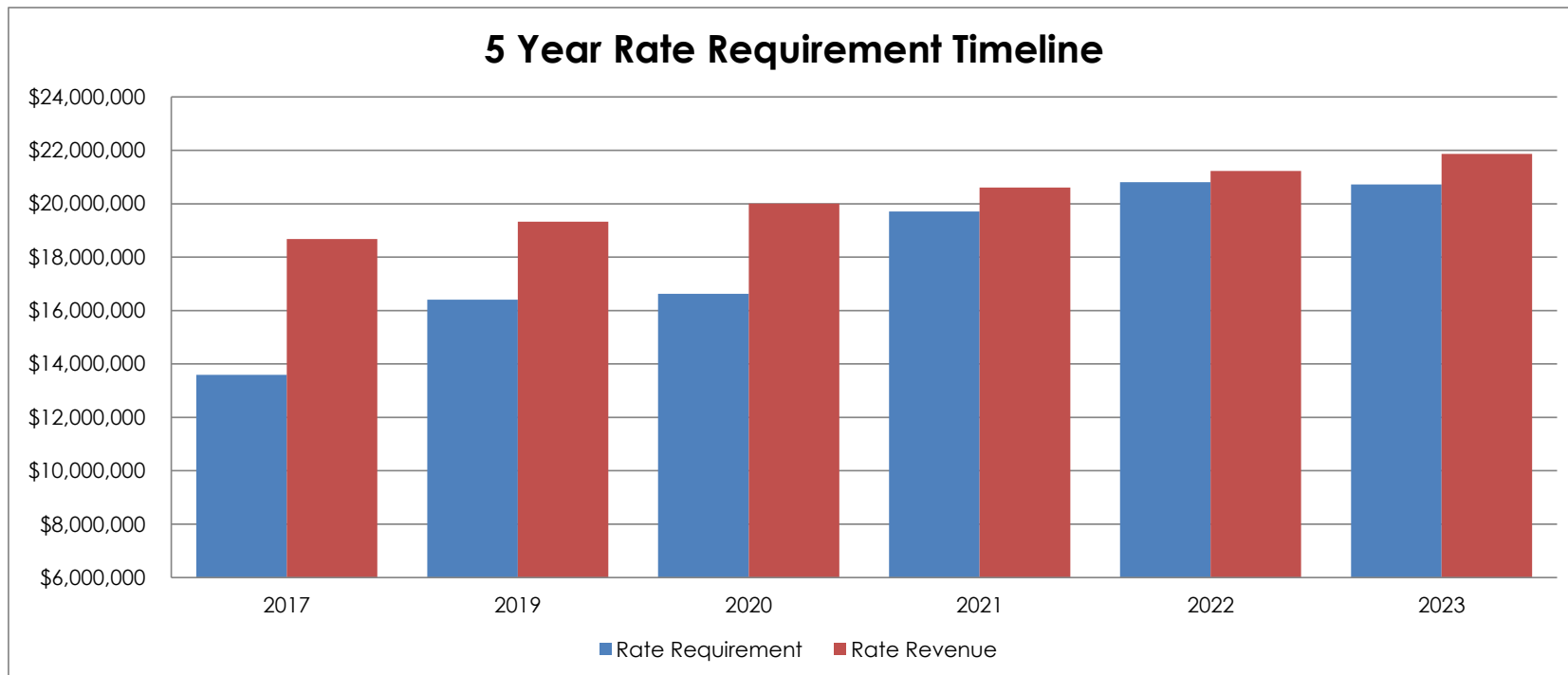
Sewer Cost of Service - 12-months Ending June 2017

Revenue Requirement Timeline

5 Year Approach

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		Rate Requirement	% Change	\$ Change	Rate Revenue	Proposed Rate Change	Additional Revenue	Revenue - Requirement
Actual	2017	\$ 13,594,291			\$ 18,676,471			\$ 5,082,180
Budget	2019	\$ 16,405,660	20.7%	\$ 2,811,369	\$ 19,330,147	3.50%	\$ 653,676	\$ 2,924,487
Budget	2020	\$ 16,630,587	1.4%	\$ 224,927	\$ 20,006,702	3.50%	\$ 676,555	\$ 3,376,115
Budget	2021	\$ 19,713,962	18.5%	\$ 3,083,375	\$ 20,606,903	3.00%	\$ 600,201	\$ 892,941
Budget	2022	\$ 20,811,168	5.6%	\$ 1,097,206	\$ 21,225,111	3.00%	\$ 618,207	\$ 413,942
Budget	2023	\$ 20,725,005	-0.4%	\$ (86,163)	\$ 21,861,864	3.00%	\$ 636,753	\$ 1,136,858



Billing Data

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Customer Billing Data

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1,13,14,61,65,51, 61,65,68,69 2,60,69 3,12,63,66,70 4,62,67					
Customer Billings	Res-In	Res-Out	C/I-In	C/I-Out	Total
Jan-17	21,675	604	1,446	80	23,805
Feb-17	21,788	607	1,447	80	23,922
Mar-17	21,916	605	1,460	80	24,061
Apr-17	22,010	611	1,461	81	24,163
May-17	22,133	612	1,464	79	24,288
Jun-17	22,078	607	1,466	80	24,231
Jul-16	21,407	601	1,430	78	23,516
Aug-16	21,370	606	1,431	78	23,485
Sep-16	21,423	607	1,438	78	23,546
Oct-16	21,415	604	1,433	79	23,531
Nov-16	21,545	605	1,441	79	23,670
Dec-16	21,617	604	1,448	79	23,748
Total Customers	260,377	7,273	17,365	951	285,966
Weighting Factor	2.00	1.00	1.00	1.00	
Weighted Customers	520,754	7,273	17,365	951	546,343

AF

21	Total Customers	91%	3%	6%	0%	100%
25	Weighted Customers	95%	1%	3%	0%	100%

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Sewer Billing Data
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Sewer Billings (Gc	1,13,14,61,65,51, 61,65,68,69 Res-In	2,60,69 Res-Out	3,12,63,66,70 C/I-In	4,62,67 C/I-Out	Total
Jan-17	113,152,793	2,381,610	57,225,896	2,196,350	174,956,649
Feb-17	103,565,462	2,575,530	62,725,025	2,826,175	171,692,192
Mar-17	91,147,784	2,267,298	56,919,609	2,646,430	152,981,121
Apr-17	94,178,816	2,385,960	61,672,093	2,985,300	161,222,169
May-17	118,812,788	2,864,520	66,544,143	3,185,320	191,406,771
Jun-17	138,783,817	2,848,470	71,695,502	3,544,026	216,871,815
Jul-16	174,921,836	3,245,220	79,051,033	3,886,900	261,104,989
Aug-16	157,339,699	3,284,100	77,944,359	3,674,180	242,242,338
Sep-16	153,991,573	3,306,430	77,925,536	3,466,060	238,689,599
Oct-16	172,401,842	3,332,130	73,405,355	3,099,830	252,239,157
Nov-16	184,321,736	3,532,639	76,058,781	3,657,910	267,571,066
Dec-16	151,228,827	2,890,556	70,217,790	2,958,630	227,295,803
Total Sewer Sales	1,653,846,973	34,914,463	831,385,122	38,127,111	2,558,273,669
1-CP	184,321,736	3,532,639	76,058,781	3,657,910	267,571,066
12-NCP	184,321,736	3,532,639	79,051,033	3,886,900	270,792,308

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30	Total Sewer Sales	65%	1%	32%	1%	100%
33	1-CP	69%	1%	28%	1%	100%
34	12-NCP	68%	1%	29%	1%	100%

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Average Usage per Customer

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	1	2	3	4
	Res-In	Res-Out	C/I-In	C/I-Out
Jan-17	5,220	3,943	39,575	27,454
Feb-17	4,753	4,243	43,348	35,327
Mar-17	4,159	3,748	38,986	33,080
Apr-17	4,279	3,905	42,212	36,856
May-17	5,368	4,681	45,454	40,321
Jun-17	6,286	4,693	48,906	44,300
Jul-16	8,171	5,400	55,280	49,832
Aug-16	7,363	5,419	54,468	47,105
Sep-16	7,188	5,447	54,190	44,437
Oct-16	8,051	5,517	51,225	39,238
Nov-16	8,555	5,839	52,782	46,303
Dec-16	6,996	4,786	48,493	37,451
Average	6,352	4,801	47,877	40,092
Summer Average (Jun-Oct)	7,405	5,295	52,795	44,964
Winter Average	5,609	4,449	44,395	36,660

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Revenue Billing Data

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		1,13,14,61,65,51,															
		61,65,68,69		2,60,69		3,12,63,66,70		4,62,67									
Revenue Billings		Res-In		Res-Out		C/I-In		C/I-Out						Total			
Jan-17	\$	902,878		\$ 28,593		\$ 364,243		\$ 20,933		\$		1,316,646					
Feb-17	\$	852,855		\$ 30,243		\$ 392,438		\$ 25,799		\$		1,301,336					
Mar-17	\$	823,182		\$ 27,849		\$ 351,605		\$ 23,186		\$		1,225,821					
Apr-17	\$	844,181		\$ 28,825		\$ 374,655		\$ 25,679		\$		1,273,340					
May-17	\$	948,966		\$ 32,035		\$ 392,808		\$ 26,803		\$		1,400,612					
Jun-17	\$	1,063,204		\$ 32,339		\$ 423,617		\$ 29,618		\$		1,548,778					
Jul-16	\$	1,280,891		\$ 37,266		\$ 510,633		\$ 36,543		\$		1,865,333					
Aug-16	\$	1,190,115		\$ 37,611		\$ 504,345		\$ 34,736		\$		1,766,807					
Sep-16	\$	1,173,914		\$ 37,745		\$ 504,581		\$ 33,014		\$		1,749,254					
Oct-16	\$	1,278,348		\$ 37,983		\$ 479,488		\$ 29,947		\$		1,825,766					
Nov-16	\$	1,347,793		\$ 39,811		\$ 493,682		\$ 34,648		\$		1,915,934					
Dec-16	\$	1,164,282		\$ 34,430		\$ 462,281		\$ 28,826		\$		1,689,819					
Total Revenue		\$ 12,870,609		\$ 404,729		\$ 5,254,375		\$ 349,731		\$		18,879,445					
												Booked Revenue					
												\$ 18,676,471					

AE

50 Total Revenue 68% 2% 28% 2% 100%

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Revenue per Kgal

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	1	2	3	4
	Retail	Retail	Retail	Retail
	Res-In	Res-Out	C/I-In	C/I-Out
Jan-17	\$ 7.98	\$ 12.01	\$ 6.36	\$ 9.53
Feb-17	\$ 8.23	\$ 11.74	\$ 6.26	\$ 9.13
Mar-17	\$ 9.03	\$ 12.28	\$ 6.18	\$ 8.76
Apr-17	\$ 8.96	\$ 12.08	\$ 6.07	\$ 8.60
May-17	\$ 7.99	\$ 11.18	\$ 5.90	\$ 8.41
Jun-17	\$ 7.66	\$ 11.35	\$ 5.91	\$ 8.36
Jul-16	\$ 7.32	\$ 11.48	\$ 6.46	\$ 9.40
Aug-16	\$ 7.56	\$ 11.45	\$ 6.47	\$ 9.45
Sep-16	\$ 7.62	\$ 11.42	\$ 6.48	\$ 9.52
Oct-16	\$ 7.41	\$ 11.40	\$ 6.53	\$ 9.66
Nov-16	\$ 7.31	\$ 11.27	\$ 6.49	\$ 9.47
Dec-16	\$ 7.70	\$ 11.91	\$ 6.58	\$ 9.74
Average	\$7.78	\$11.59	\$6.32	\$ 9.17

City of Franklin, TN

Sewer Cost of Service - 12-months Ending June 2017

Allocation of Other Revenues

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	<u>Actual</u>	<u>Adj.</u>	<u>Test Yr.</u>		Res-In	Res-Out	C/I-In	C/I-Out	Total		Res-In	Res-Out	C/I-In	C/I-Out	Total
Operating Income										<u>Cust</u>					
Inspection Fees	\$ 94,503		\$ 94,503	21	\$ 86,047	\$ 2,404	\$ 5,739	\$ 314	\$ 94,503	* 100%	\$ 86,047	\$ 2,404	\$ 5,739	\$ 314	\$ 94,503
Other Service Revenue	\$ 15,419		\$ 15,419	21	\$ 14,039	\$ 392	\$ 936	\$ 51	\$ 15,419	* 100%	\$ 14,039	\$ 392	\$ 936	\$ 51	\$ 15,419
Developer Contributions	\$ 3,419,532	\$ (3,419,532)	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	* 100%	\$ -	\$ -	\$ -	\$ -	\$ -
Sale of Surplus Assets	\$ 264		\$ 264	21	\$ 240	\$ 7	\$ 16	\$ 1	\$ 264	* 100%	\$ 240	\$ 7	\$ 16	\$ 1	\$ 264
Installaton Fees	\$ 229,265		\$ 229,265	21	\$ 208,750	\$ 5,831	\$ 13,922	\$ 762	\$ 229,265	* 100%	\$ 208,750	\$ 5,831	\$ 13,922	\$ 762	\$ 229,265
Contributions - Other	\$ 661,344	\$ (661,344)	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	* 100%	\$ -	\$ -	\$ -	\$ -	\$ -
System Development Fee	\$ 1,729,076	\$ (1,729,076)	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	* 100%	\$ -	\$ -	\$ -	\$ -	\$ -
Access Fee	\$ 1,814,363	\$ (1,814,363)	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -	* 100%	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Operating	\$ 7,963,765	\$ (7,624,315)	\$ 339,450		\$309,075	\$ 8,633	\$20,613	\$1,129	\$339,450	*	\$309,075	\$ 8,633	\$20,613	\$1,129	\$339,450
Non-Operating Income															
Interest Income	\$ 185,528		\$ 185,528	64	\$126,352	\$ 2,818	\$53,874	\$2,484	\$185,528	* 100%	\$126,352	\$ 2,818	\$53,874	\$2,484	\$185,528
Subtotal Non-Operating	\$ 185,528	\$ -	\$ 185,528		\$126,352	\$ 2,818	\$53,874	\$2,484	\$185,528	*	\$126,352	\$ 2,818	\$53,874	\$2,484	\$185,528
Total Other Revenue	\$ 8,149,293	\$ (7,624,315)	\$ 524,978		\$435,428	\$11,452	\$74,486	\$3,613	\$524,978	*	\$435,428	\$11,452	\$74,486	\$3,613	\$524,978
					83%	2%	14%	1%	100%						

Allocation Factors

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Development of Strength Allocation

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	Res-In	Res-Out	C/I-In	C/I-Out	Total
Annual Usage (Gal)	1,653,846,973	34,914,463	831,385,122	38,127,111	2,558,273,669
Annual Usage (ML)	6,260	132	3,147	144	9,684
BOD Loading (mg/l)	300	300	300	300	
TSS Loading (mg/l)	300	300	300	300	
Weighted BOD	50%	50%	50%	50%	
Weighted TSS	50%	50%	50%	50%	
Weighted BOD	150	150	150	150	
Weighted TSS	150	150	150	150	
FP Requirements (MG)	1,878,148	39,650	944,141	43,298	2,905,236

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40 Strength	65%	1%	32%	1%	100%
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Percent Asset Sized for Strength Consideration	20%
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Plant Accounts

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Classification of Plant
[Main Menu](#)

	Actual	Adj.	Test Yr.	Vol	Cust	Load	Total	Description	Vol	Cust	Load	Total
Treatment												
Land - Sewer Plant	\$ 2,625,646		\$ 2,625,646	100%	0%	0%	100%		* \$ 2,625,646	\$ -	\$ -	\$ 2,625,646
Buildings - Sewer Plant	\$ 7,227,227		\$ 7,227,227	80%	0%	20%	100%	As Vol, WWS	* \$ 5,781,782	\$ -	\$ 1,445,445	\$ 7,227,227
Sludge Treatment	\$ 3,154,388		\$ 3,154,388	50%	0%	50%	100%		* \$ 1,577,194	\$ -	\$ 1,577,194	\$ 3,154,388
Reuse Line and Tank	\$ 26,640		\$ 26,640	100%	0%	0%	100%		* \$ 26,640	\$ -	\$ -	\$ 26,640
WTP Expansion	\$ 30,460,859		\$ 30,460,859	80%	0%	20%	100%	As Vol, WWS	* \$ 24,368,688	\$ -	\$ 6,092,172	\$ 30,460,859
Odor Control	\$ 1,584,361		\$ 1,584,361	100%	0%	0%	100%		* \$ 1,584,361	\$ -	\$ -	\$ 1,584,361
Misc.	\$ 46,076		\$ 46,076	0%	100%	0%	100%		* \$ -	\$ 46,076	\$ -	\$ 46,076
Aeration Tank	\$ 30,000		\$ 30,000	100%	0%	0%	100%		* \$ 30,000	\$ -	\$ -	\$ 30,000
Subtotal Treatment	\$ 45,155,199		\$ 45,155,199						\$ 35,994,311	\$ 46,076	\$ 9,114,812	\$ 45,155,199
				80%	0%	20%	100%					
Collection												
Easements - Land	\$ 2,286,795		\$ 2,286,795	72%	28%	0%	100%	As MSC	* \$ 1,648,163	\$ 638,632	\$ -	\$ 2,286,795
Donated - Land	\$ 18,620		\$ 18,620	100%	0%	0%	100%	As SLC	* \$ 18,620	\$ -	\$ -	\$ 18,620
Pump - Land	\$ 55,539		\$ 55,539	100%	0%	0%	100%	As SLC	* \$ 55,539	\$ -	\$ -	\$ 55,539
Pipe	\$ 12,492		\$ 12,492	72%	28%	0%	100%	As MSC	* \$ 9,003	\$ 3,489	\$ -	\$ 12,492
Sewer Mains	\$ 189,983		\$ 189,983	100%	0%	0%	100%	As SLC	* \$ 189,983	\$ -	\$ -	\$ 189,983
Manholes	\$ 2,143		\$ 2,143	0%	100%	0%	100%		* \$ -	\$ 2,143	\$ -	\$ 2,143
Sewerline & Extensions	\$ 10,924,852		\$ 10,924,852	72%	28%	0%	100%	As MSC	* \$ 7,873,877	\$ 3,050,976	\$ -	\$ 10,924,852
Trunk Lines	\$ 676,598		\$ 676,598	100%	0%	0%	100%		* \$ 676,598	\$ -	\$ -	\$ 676,598
Misc Coll	\$ 4,164,763		\$ 4,164,763	72%	28%	0%	100%	As MSC	* \$ 3,001,672	\$ 1,163,090	\$ -	\$ 4,164,763
Taps	\$ 7,487		\$ 7,487	0%	100%	0%	100%		* \$ -	\$ 7,487	\$ -	\$ 7,487
Pump Stations	\$ 10,083,728		\$ 10,083,728	100%	0%	0%	100%	As SLC	* \$ 10,083,728	\$ -	\$ -	\$ 10,083,728
Buildings - Pump Stations	\$ 545,394		\$ 545,394	100%	0%	0%	100%	As SLC	* \$ 545,394	\$ -	\$ -	\$ 545,394
Contributed Capital	\$ 64,785,767		\$ 64,785,767	72%	28%	0%	100%	As MSC	* \$ 46,693,091	\$ 18,092,676	\$ -	\$ 64,785,767
Interceptor Lines	\$ 37,941,125		\$ 37,941,125	100%	0%	0%	100%		* \$ 37,941,125	\$ -	\$ -	\$ 37,941,125
Tip Grant	\$ 788,477		\$ 788,477	72%	28%	0%	100%	As MSC	* \$ 568,280	\$ 220,197	\$ -	\$ 788,477
Sewer Relocation	\$ 38,946		\$ 38,946	0%	100%	0%	100%		* \$ -	\$ 38,946	\$ -	\$ 38,946
Subtotal Collection	\$ 132,522,708	\$ -	\$ 132,522,708						\$ 109,305,073	\$ 23,217,636	\$ -	\$ 132,522,708
				82%	18%	0%	100%					
Subtotal TreatmentCollection	\$ 177,677,907	\$ -	\$ 177,677,907						\$ 145,299,384	\$ 23,263,712	\$ 9,114,812	\$ 177,677,907
				82%	13%	5%	100%					
General Plant												
General Plant - Buildings	\$ 213,360		\$ 213,360	0%	100%	0%	100%		* \$ -	\$ 213,360	\$ -	\$ 213,360
Equipment & Vehicles	\$ 4,001,185		\$ 4,001,185	82%	13%	5%	100%	As Outside Pit	* \$ 3,272,043	\$ 523,883	\$ 205,259	\$ 4,001,185
Engineering	\$ 8,058		\$ 8,058	82%	13%	5%	100%	As Outside Pit	* \$ 6,589	\$ 1,055	\$ 413	\$ 8,058
Habitat for Humanity	\$ 18,513		\$ 18,513	0%	100%	0%	100%		* \$ -	\$ 18,513	\$ -	\$ 18,513
Subtotal General Plant	\$ 4,241,115	\$ -	\$ 4,241,115						\$ 3,278,632	\$ 756,810	\$ 205,673	\$ 4,241,115
				77%	18%	5%	100%					
Total Utility Plant in Service	\$ 181,919,022	\$ -	\$ 181,919,022						\$ 148,578,016	\$ 24,020,522	\$ 9,320,484	\$ 181,919,022
				82%	13%	5%	100%					
Constr. Work in Progress	\$ 12,340,077		\$ 12,340,077	82%	13%	5%	100%	As Outside Pit	* \$ 10,091,325	\$ 1,615,710	\$ 633,041	\$ 12,340,077
									\$ 158,669,341	\$ 25,636,232	\$ 9,953,526	\$ 194,259,098
Total Utility Plant	\$ 194,259,098	\$ -	\$ 194,259,098									
				82%	13%	5%	100%					
Accum. Depreciation	\$ 59,993,206		\$ 59,993,206	82%	13%	5%	100%	As TUP	* \$ 48,998,018	\$ 7,921,481	\$ 3,073,707	\$ 59,993,206
Accumulated Depreciation	\$ 59,993,206	\$ -	\$ 59,993,206						\$ 48,998,018	\$ 7,921,481	\$ 3,073,707	\$ 59,993,206
				82%	13%	5%	100%					
Net Utility Plant	\$ 134,265,892	\$ -	\$ 134,265,892						\$ 109,671,323	\$ 17,714,751	\$ 6,879,819	\$ 134,265,892
				82%	13%	5%	100%					

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Allocation of Volume Plant
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	Test Yr.		Res-In	Res-Out	C/I-In	C/I-Out	Total
Treatment							
Land - Sewer Plant	\$ 2,625,646	30	\$ 1,697,401	\$ 35,834	\$ 853,280	\$ 39,131	\$ 2,625,646
Buildings - Sewer Plant	\$ 5,781,782	30	\$ 3,737,748	\$ 78,908	\$ 1,878,957	\$ 86,169	\$ 5,781,782
Sludge Treatment	\$ 1,577,194	30	\$ 1,019,609	\$ 21,525	\$ 512,555	\$ 23,506	\$ 1,577,194
Reuse Line and Tank	\$ 26,640	30	\$ 17,222	\$ 364	\$ 8,657	\$ 397	\$ 26,640
WTP Expansion	\$ 24,368,688	30	\$ 15,753,624	\$ 332,576	\$ 7,919,311	\$ 363,178	\$ 24,368,688
Odor Control	\$ 1,584,361	30	\$ 1,024,242	\$ 21,623	\$ 514,884	\$ 23,612	\$ 1,584,361
Misc.	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Aeration Tank	\$ 30,000	30	\$ 19,394	\$ 409	\$ 9,749	\$ 447	\$ 30,000
Subtotal Treatment	\$ 35,994,311		\$ 23,269,239	\$ 491,238	\$ 11,697,394	\$ 536,440	\$ 35,994,311
Collection							
Easements - Land	\$ 1,648,163	30	\$ 1,065,488	\$ 22,494	\$ 535,618	\$ 24,563	\$ 1,648,163
Donated - Land	\$ 18,620	30	\$ 12,037	\$ 254	\$ 6,051	\$ 278	\$ 18,620
Pump - Land	\$ 55,539	30	\$ 35,904	\$ 758	\$ 18,049	\$ 828	\$ 55,539
Pipe	\$ 9,003	30	\$ 5,820	\$ 123	\$ 2,926	\$ 134	\$ 9,003
Sewer Mains	\$ 189,983	30	\$ 122,818	\$ 2,593	\$ 61,740	\$ 2,831	\$ 189,983
Manholes	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Sewerline & Extensions	\$ 7,873,877	30	\$ 5,090,224	\$ 107,460	\$ 2,558,844	\$ 117,348	\$ 7,873,877
Trunk Lines	\$ 676,598	30	\$ 437,400	\$ 9,234	\$ 219,880	\$ 10,084	\$ 676,598
Misc Coll	\$ 3,001,672	30	\$ 1,940,491	\$ 40,966	\$ 975,480	\$ 44,735	\$ 3,001,672
Taps	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Pump Stations	\$ 10,083,728	30	\$ 6,518,827	\$ 137,619	\$ 3,276,999	\$ 150,282	\$ 10,083,728
Buildings - Pump Stations	\$ 545,394	30	\$ 352,581	\$ 7,443	\$ 177,242	\$ 8,128	\$ 545,394
Contributed Capital	\$ 46,693,091	30	\$ 30,185,679	\$ 637,252	\$ 15,174,272	\$ 695,888	\$ 46,693,091
Interceptor Lines	\$ 37,941,125	30	\$ 24,527,796	\$ 517,808	\$ 12,330,067	\$ 565,454	\$ 37,941,125
Tip Grant	\$ 568,280	30	\$ 367,376	\$ 7,756	\$ 184,679	\$ 8,469	\$ 568,280
Sewer Relocation	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Collection	\$ 109,305,073		\$ 70,662,441	\$ 1,491,759	\$ 35,521,849	\$ 1,629,023	\$ 109,305,073
Subtotal TreatmentCollection	\$ 145,299,384		\$ 93,931,681	\$ 1,982,997	\$ 47,219,243	\$ 2,165,463	\$ 145,299,384
General Plant							
General Plant - Buildings	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment & Vehicles	\$ 3,272,043	30	\$ 2,115,277	\$ 44,656	\$ 1,063,345	\$ 48,765	\$ 3,272,043
Engineering	\$ 6,589	30	\$ 4,260	\$ 90	\$ 2,141	\$ 98	\$ 6,589
Habitat for Humanity	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal General Plant	\$ 3,278,632		\$ 2,119,537	\$ 44,746	\$ 1,065,486	\$ 48,863	\$ 3,278,632
Total Utility Plant in Service	\$ 148,578,016		\$ 96,051,218	\$ 2,027,743	\$ 48,284,729	\$ 2,214,325	\$ 148,578,016
Constr. Work in Progress	\$ 10,091,325	30	\$ 6,523,738	\$ 137,723	\$ 3,279,468	\$ 150,396	\$ 10,091,325
Total Utility Plant	\$ 158,669,341		\$ 102,574,956	\$ 2,165,466	\$ 51,564,198	\$ 2,364,721	\$ 158,669,341
Accum. Depreciation	\$ 48,998,018	30	\$ 31,675,745	\$ 668,709	\$ 15,923,325	\$ 730,240	\$ 48,998,018
Accumulated Depreciation	\$ 48,998,018		\$ 31,675,745	\$ 668,709	\$ 15,923,325	\$ 730,240	\$ 48,998,018
Net Utility Plant	\$ 109,671,323		\$ 70,899,211	\$ 1,496,758	\$ 35,640,873	\$ 1,634,481	\$ 109,671,323

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Allocation of Customer Plant
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	Test Yr.		Res-In	Res-Out	C/I-In	C/I-Out	Total
Treatment							
Land - Sewer Plant	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -
Buildings - Sewer Plant	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -
Sludge Treatment	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -
Reuse Line and Tank	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -
WTP Expansion	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -
Odor Control	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -
Misc.	\$ 46,076	21	\$ 41,953	\$ 1,172	\$ 2,798	\$ 153	\$ 46,076
Aeration Tank	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Treatment	\$ 46,076		\$ 41,953	\$ 1,172	\$ 2,798	\$ 153	\$ 46,076
Collection							
Easements - Land	\$ 638,632	21	\$ 581,485	\$ 16,242	\$ 38,780	\$ 2,124	\$ 638,632
Donated - Land	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -
Pump - Land	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -
Pipe	\$ 3,489	21	\$ 3,176	\$ 89	\$ 212	\$ 12	\$ 3,489
Sewer Mains	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -
Manholes	\$ 2,143	21	\$ 1,951	\$ 54	\$ 130	\$ 7	\$ 2,143
Sewerline & Extensions	\$ 3,050,976	21	\$ 2,777,966	\$ 77,596	\$ 185,267	\$ 10,146	\$ 3,050,976
Trunk Lines	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -
Misc Coll	\$ 1,163,090	21	\$ 1,059,014	\$ 29,581	\$ 70,628	\$ 3,868	\$ 1,163,090
Taps	\$ 7,487	21	\$ 6,817	\$ 190	\$ 455	\$ 25	\$ 7,487
Pump Stations	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -
Buildings - Pump Stations	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -
Contributed Capital	\$ 18,092,676	21	\$ 16,473,695	\$ 460,153	\$ 1,098,660	\$ 60,168	\$ 18,092,676
Interceptor Lines	\$ -	21	\$ -	\$ -	\$ -	\$ -	\$ -
Tip Grant	\$ 220,197	21	\$ 200,494	\$ 5,600	\$ 13,371	\$ 732	\$ 220,197
Sewer Relocation	\$ 38,946	21	\$ 35,461	\$ 991	\$ 2,365	\$ 130	\$ 38,946
Subtotal Collection	\$ 23,217,636		\$ 21,140,060	\$ 590,496	\$ 1,409,868	\$ 77,212	\$ 23,217,636
Subtotal TreatmentCollection	\$ 23,263,712		\$ 21,182,013	\$ 591,668	\$ 1,412,666	\$ 77,365	\$ 23,263,712
General Plant							
General Plant - Buildings	\$ 213,360	21	\$ 194,268	\$ 5,426	\$ 12,956	\$ 710	\$ 213,360
Equipment & Vehicles	\$ 523,883	21	\$ 477,004	\$ 13,324	\$ 31,812	\$ 1,742	\$ 523,883
Engineering	\$ 1,055	21	\$ 961	\$ 27	\$ 64	\$ 4	\$ 1,055
Habitat for Humanity	\$ 18,513	21	\$ 16,856	\$ 471	\$ 1,124	\$ 62	\$ 18,513
Subtotal General Plant	\$ 756,810		\$ 689,089	\$ 19,248	\$ 45,957	\$ 2,517	\$ 756,810
Total Utility Plant in Service	\$ 24,020,522		\$ 21,871,101	\$ 610,916	\$ 1,458,622	\$ 79,882	\$ 24,020,522
Constr. Work in Progress	\$ 1,615,710	21	\$ 1,471,132	\$ 41,093	\$ 98,112	\$ 5,373	\$ 1,615,710
Total Utility Plant	\$ 25,636,232		\$ 23,342,234	\$ 652,009	\$ 1,556,735	\$ 85,255	\$ 25,636,232
Accum. Depreciation	\$ 7,921,481	21	\$ 7,212,646	\$ 201,468	\$ 481,024	\$ 26,343	\$ 7,921,481
Accumulated Depreciation	\$ 7,921,481		\$ 7,212,646	\$ 201,468	\$ 481,024	\$ 26,343	\$ 7,921,481
Net Utility Plant	\$ 17,714,751		\$ 16,129,588	\$ 450,541	\$ 1,075,711	\$ 58,912	\$ 17,714,751

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Allocation of Strength Plant
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	Test Yr.		Res-In	Res-Out	C/I-In	C/I-Out	Total
Treatment							
Land - Sewer Plant	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Buildings - Sewer Plant	\$1,445,445	40	\$ 934,437	\$ 19,727	\$ 469,739	\$ 21,542	\$1,445,445
Sludge Treatment	\$1,577,194	40	\$1,019,609	\$ 21,525	\$ 512,555	\$ 23,506	\$1,577,194
Reuse Line and Tank	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
WTP Expansion	\$6,092,172	40	\$3,938,406	\$ 83,144	\$1,979,828	\$ 90,794	\$6,092,172
Odor Control	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Misc.	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Aeration Tank	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Treatment	<u>\$9,114,812</u>		<u>\$5,892,451</u>	<u>\$124,396</u>	<u>\$2,962,122</u>	<u>\$135,842</u>	<u>\$9,114,812</u>
Collection							
Easements - Land	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Donated - Land	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Pump - Land	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Pipe	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Mains	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Manholes	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Sewerline & Extensions	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Trunk Lines	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Misc Coll	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Pump Stations	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Buildings - Pump Stations	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Contributed Capital	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Interceptor Lines	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Tip Grant	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Relocation	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Collection	<u>\$ -</u>		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Subtotal TreatmentCollection	<u>\$9,114,812</u>		<u>\$5,892,451</u>	<u>\$124,396</u>	<u>\$2,962,122</u>	<u>\$135,842</u>	<u>\$9,114,812</u>
General Plant							
General Plant - Buildings	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment & Vehicles	\$ 205,259	40	\$ 132,694	\$ 2,801	\$ 66,705	\$ 3,059	\$ 205,259
Engineering	\$ 413	40	\$ 267	\$ 6	\$ 134	\$ 6	\$ 413
Habitat for Humanity	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal General Plant	<u>\$ 205,673</u>		<u>\$ 132,961</u>	<u>\$ 2,807</u>	<u>\$ 66,839</u>	<u>\$ 3,065</u>	<u>\$ 205,673</u>
Total Utility Plant in Service	<u>\$9,320,484</u>		<u>\$6,025,413</u>	<u>\$127,203</u>	<u>\$3,028,961</u>	<u>\$138,907</u>	<u>\$9,320,484</u>
Constr. Work in Progress	\$ 633,041	40	\$ 409,242	\$ 8,640	\$ 205,725	\$ 9,435	\$ 633,041
Total Utility Plant	<u>\$9,953,526</u>		<u>\$6,434,655</u>	<u>\$135,842</u>	<u>\$3,234,686</u>	<u>\$148,342</u>	<u>\$9,953,526</u>
Accum. Depreciation	\$3,073,707	40	\$1,987,059	\$ 41,949	\$ 998,890	\$ 45,809	\$3,073,707
Accumulated Depreciation	<u>\$3,073,707</u>		<u>\$1,987,059</u>	<u>\$ 41,949</u>	<u>\$ 998,890</u>	<u>\$ 45,809</u>	<u>\$3,073,707</u>
Net Utility Plant	<u>\$6,879,819</u>		<u>\$4,447,596</u>	<u>\$ 93,893</u>	<u>\$2,235,796</u>	<u>\$102,533</u>	<u>\$6,879,819</u>

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Allocation of Plant
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	<u>Test Yr.</u>	Res-In	Res-Out	C/I-In	C/I-Out	Total
Treatment						
Land - Sewer Plant	\$ 2,625,646	\$ 1,697,401	\$ 35,834	\$ 853,280	\$ 39,131	\$ 2,625,646
Buildings - Sewer Plant	\$ 7,227,227	\$ 4,672,185	\$ 98,635	\$ 2,348,697	\$ 107,711	\$ 7,227,227
Sludge Treatment	\$ 3,154,388	\$ 2,039,217	\$ 43,050	\$ 1,025,110	\$ 47,011	\$ 3,154,388
Reuse Line and Tank	\$ 26,640	\$ 17,222	\$ 364	\$ 8,657	\$ 397	\$ 26,640
WTP Expansion	\$ 30,460,859	\$ 19,692,029	\$ 415,720	\$ 9,899,139	\$ 453,972	\$ 30,460,859
Odor Control	\$ 1,584,361	\$ 1,024,242	\$ 21,623	\$ 514,884	\$ 23,612	\$ 1,584,361
Misc.	\$ 46,076	\$ 41,953	\$ 1,172	\$ 2,798	\$ 153	\$ 46,076
Aeration Tank	\$ 30,000	\$ 19,394	\$ 409	\$ 9,749	\$ 447	\$ 30,000
Subtotal Treatment	<u>\$ 45,155,199</u>	<u>\$ 29,203,644</u>	<u>\$ 616,806</u>	<u>\$ 14,662,314</u>	<u>\$ 672,435</u>	<u>\$ 45,155,199</u>
Collection						
Easements - Land	\$ 2,286,795	\$ 1,646,973	\$ 38,736	\$ 574,399	\$ 26,687	\$ 2,286,795
Donated - Land	\$ 18,620	\$ 12,037	\$ 254	\$ 6,051	\$ 278	\$ 18,620
Pump - Land	\$ 55,539	\$ 35,904	\$ 758	\$ 18,049	\$ 828	\$ 55,539
Pipe	\$ 12,492	\$ 8,997	\$ 212	\$ 3,138	\$ 146	\$ 12,492
Sewer Mains	\$ 189,983	\$ 122,818	\$ 2,593	\$ 61,740	\$ 2,831	\$ 189,983
Manholes	\$ 2,143	\$ 1,951	\$ 54	\$ 130	\$ 7	\$ 2,143
Sewerline & Extensions	\$ 10,924,852	\$ 7,868,191	\$ 185,056	\$ 2,744,112	\$ 127,494	\$ 10,924,852
Trunk Lines	\$ 676,598	\$ 437,400	\$ 9,234	\$ 219,880	\$ 10,084	\$ 676,598
Misc Coll	\$ 4,164,763	\$ 2,999,505	\$ 70,547	\$ 1,046,108	\$ 48,603	\$ 4,164,763
Taps	\$ 7,487	\$ 6,817	\$ 190	\$ 455	\$ 25	\$ 7,487
Pump Stations	\$ 10,083,728	\$ 6,518,827	\$ 137,619	\$ 3,276,999	\$ 150,282	\$ 10,083,728
Buildings - Pump Stations	\$ 545,394	\$ 352,581	\$ 7,443	\$ 177,242	\$ 8,128	\$ 545,394
Contributed Capital	\$ 64,785,767	\$ 46,659,374	\$ 1,097,404	\$ 16,272,932	\$ 756,057	\$ 64,785,767
Interceptor Lines	\$ 37,941,125	\$ 24,527,796	\$ 517,808	\$ 12,330,067	\$ 565,454	\$ 37,941,125
Tip Grant	\$ 788,477	\$ 567,869	\$ 13,356	\$ 198,050	\$ 9,202	\$ 788,477
Sewer Relocation	\$ 38,946	\$ 35,461	\$ 991	\$ 2,365	\$ 130	\$ 38,946
Subtotal Collection	<u>\$ 132,522,708</u>	<u>\$ 91,802,501</u>	<u>\$ 2,082,255</u>	<u>\$ 36,931,717</u>	<u>\$ 1,706,235</u>	<u>\$ 132,522,708</u>
		69%	2%	28%	1%	100%
Subtotal TreatmentCollection	<u>\$ 177,677,907</u>	<u>\$ 121,006,145</u>	<u>\$ 2,699,061</u>	<u>\$ 51,594,031</u>	<u>\$ 2,378,670</u>	<u>\$ 177,677,907</u>
		68%	2%	29%	1%	100%
General Plant						
General Plant - Buildings	\$ 213,360	\$ 194,268	\$ 5,426	\$ 12,956	\$ 710	\$ 213,360
Equipment & Vehicles	\$ 4,001,185	\$ 2,724,976	\$ 60,781	\$ 1,161,862	\$ 53,566	\$ 4,001,185
Engineering	\$ 8,058	\$ 5,488	\$ 122	\$ 2,340	\$ 108	\$ 8,058
Habitat for Humanity	\$ 18,513	\$ 16,856	\$ 471	\$ 1,124	\$ 62	\$ 18,513
Subtotal General Plant	<u>\$ 4,241,115</u>	<u>\$ 2,941,587</u>	<u>\$ 66,801</u>	<u>\$ 1,178,282</u>	<u>\$ 54,445</u>	<u>\$ 4,241,115</u>
		69%	2%	28%	1%	100%
Total Utility Plant in Service	<u>\$ 181,919,022</u>	<u>\$ 123,947,732</u>	<u>\$ 2,765,862</u>	<u>\$ 52,772,313</u>	<u>\$ 2,433,115</u>	<u>\$ 181,919,022</u>
Constr. Work in Progress	\$ 12,340,077	\$ 8,404,112	\$ 187,455	\$ 3,583,306	\$ 165,203	\$ 12,340,077
Total Utility Plant	<u>\$ 194,259,098</u>	<u>\$ 132,351,844</u>	<u>\$ 2,953,317</u>	<u>\$ 56,355,619</u>	<u>\$ 2,598,318</u>	<u>\$ 194,259,098</u>
		68%	2%	29%	1%	100%
Accum. Depreciation	\$ 59,993,206	\$ 40,875,450	\$ 912,125	\$ 17,403,239	\$ 802,392	\$ 59,993,206
Accumulated Depreciation	<u>\$ 59,993,206</u>	<u>\$ 40,875,450</u>	<u>\$ 912,125</u>	<u>\$ 17,403,239</u>	<u>\$ 802,392</u>	<u>\$ 59,993,206</u>
Net Utility Plant	<u>\$ 134,265,892</u>	<u>\$ 91,476,395</u>	<u>\$ 2,041,192</u>	<u>\$ 38,952,380</u>	<u>\$ 1,795,926</u>	<u>\$ 134,265,892</u>
		68%	2%	29%	1%	100%

Operating Expenses

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Classification of Operating Expenses
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	Actual	Adj.	Test Yr.	Vol	Pkfls	Cust	Load	Total	Description	Vol	Cust	Load	Total
Utility Billing & Admin													
Utility Billing	\$ 186,884	\$ (80,833)	\$ 106,051	0%	0%	100%	0%	100%		* \$ -	\$ 106,051	\$ -	\$ 106,051
Utility Admin	\$ 1,089,442	\$ (471,217)	\$ 618,225	0%	0%	100%	0%	100%		* \$ -	\$ 618,225	\$ -	\$ 618,225
Subtotal Utility Billing & Admin	\$ 1,276,326	\$ (552,050)	\$ 724,276							\$ -	\$ 724,276	\$ -	\$ 724,276
Collection													
Regular Pay	\$ 908,666		\$ 908,666	82%	0%	18%	0%	100%	As Coll Plt	* \$ 749,470	\$ 159,196	\$ -	\$ 908,666
Overtime Pay	\$ 79,871		\$ 79,871	82%	0%	18%	0%	100%	As Coll Plt	* \$ 65,878	\$ 13,993	\$ -	\$ 79,871
FICA (Employer's Share)	\$ 71,486		\$ 71,486	82%	0%	18%	0%	100%	As Coll Plt	* \$ 58,962	\$ 12,524	\$ -	\$ 71,486
Medical Premiums	\$ 271,608		\$ 271,608	82%	0%	18%	0%	100%	As Coll Plt	* \$ 224,023	\$ 47,585	\$ -	\$ 271,608
Group Insurance Premiums	\$ 18,964		\$ 18,964	82%	0%	18%	0%	100%	As Coll Plt	* \$ 15,641	\$ 3,322	\$ -	\$ 18,964
Employee Insurance Contributions	\$ (85,592)		\$ (85,592)	82%	0%	18%	0%	100%	As Coll Plt	* \$ (70,596)	\$ (14,995)	\$ -	\$ (85,592)
Retirement Contributions	\$ 121,520		\$ 121,520	82%	0%	18%	0%	100%	As Coll Plt	* \$ 100,230	\$ 21,290	\$ -	\$ 121,520
Defined Contrib Match	\$ 12,326		\$ 12,326	82%	0%	18%	0%	100%	As Coll Plt	* \$ 10,166	\$ 2,159	\$ -	\$ 12,326
Workers Compensation	\$ 10,555		\$ 10,555	82%	0%	18%	0%	100%	As Coll Plt	* \$ 8,706	\$ 1,849	\$ -	\$ 10,555
Mailing & Outbound Shipping	\$ 71		\$ 71	0%	0%	100%	0%	100%		* \$ -	\$ 71	\$ -	\$ 71
Freight For Inbound Purchased Items	\$ 70		\$ 70	0%	0%	100%	0%	100%		* \$ -	\$ 70	\$ -	\$ 70
Vehicle Licenses & Titles	\$ 171		\$ 171	0%	0%	100%	0%	100%		* \$ -	\$ 171	\$ -	\$ 171
Testing & Physicals	\$ 686		\$ 686	0%	0%	100%	0%	100%		* \$ -	\$ 686	\$ -	\$ 686
Landfill & Biosolids Management	\$ 4,012		\$ 4,012	82%	0%	18%	0%	100%	As Coll Plt	* \$ 3,309	\$ 703	\$ -	\$ 4,012
Dues For Memberships	\$ 95		\$ 95	0%	0%	100%	0%	100%		* \$ -	\$ 95	\$ -	\$ 95
Publications, Non-Training	\$ 195		\$ 195	0%	0%	100%	0%	100%		* \$ -	\$ 195	\$ -	\$ 195
Electric Service	\$ 127,285		\$ 127,285	82%	0%	18%	0%	100%	As Coll Plt	* \$ 104,985	\$ 22,300	\$ -	\$ 127,285
Water & Sewer Service	\$ 2,317		\$ 2,317	0%	0%	100%	0%	100%		* \$ -	\$ 2,317	\$ -	\$ 2,317
Stormwater Service	\$ 680		\$ 680	0%	0%	100%	0%	100%		* \$ -	\$ 680	\$ -	\$ 680
Solid Waste Service	\$ 2,688		\$ 2,688	0%	0%	100%	0%	100%		* \$ -	\$ 2,688	\$ -	\$ 2,688
Natural Gas Service	\$ 2,929		\$ 2,929	0%	0%	100%	0%	100%		* \$ -	\$ 2,929	\$ -	\$ 2,929
Telephone Service	\$ 578		\$ 578	0%	0%	100%	0%	100%		* \$ -	\$ 578	\$ -	\$ 578
Cellular Telephone Service	\$ 9,356		\$ 9,356	0%	0%	100%	0%	100%		* \$ -	\$ 9,356	\$ -	\$ 9,356
Network Service including Internet Connection	\$ 1,382		\$ 1,382	0%	0%	100%	0%	100%		* \$ -	\$ 1,382	\$ -	\$ 1,382
Consultant Services	\$ 2,000		\$ 2,000	82%	0%	18%	0%	100%	As Coll Plt	* \$ 1,650	\$ 350	\$ -	\$ 2,000
Vehicle Repair & Maintenance Services	\$ 41,545		\$ 41,545	82%	0%	18%	0%	100%	As Coll Plt	* \$ 34,267	\$ 7,279	\$ -	\$ 41,545
Equipment Repair & Maintenance Services	\$ 13,087		\$ 13,087	82%	0%	18%	0%	100%	As Coll Plt	* \$ 10,794	\$ 2,293	\$ -	\$ 13,087
Landscaping Services				82%	0%	18%	0%	100%	As Coll Plt	* \$ -	\$ -	\$ -	\$ -
Building Maintenance Services	\$ 209		\$ 209	82%	0%	18%	0%	100%	As Coll Plt	* \$ 172	\$ 37	\$ -	\$ 209
Pump Station Repair Services	\$ 28,830		\$ 28,830	82%	0%	18%	0%	100%	As Coll Plt	* \$ 23,779	\$ 5,051	\$ -	\$ 28,830
Employee Recognition/Receptions	\$ 214		\$ 214	0%	0%	100%	0%	100%		* \$ -	\$ 214	\$ -	\$ 214
Outside Training	\$ 1,405		\$ 1,405	0%	0%	100%	0%	100%		* \$ -	\$ 1,405	\$ -	\$ 1,405
In-House Training	\$ 168		\$ 168	0%	0%	100%	0%	100%		* \$ -	\$ 168	\$ -	\$ 168
Ground Transportation (Travel)	\$ 397		\$ 397	0%	0%	100%	0%	100%		* \$ -	\$ 397	\$ -	\$ 397
Lodging	\$ 291		\$ 291	0%	0%	100%	0%	100%		* \$ -	\$ 291	\$ -	\$ 291
Meals (Outside Williamson County)	\$ 357		\$ 357	0%	0%	100%	0%	100%		* \$ -	\$ 357	\$ -	\$ 357
Office Supplies	\$ 690		\$ 690	0%	0%	100%	0%	100%		* \$ -	\$ 690	\$ -	\$ 690
Meals & Food (Inside Williamson County)	\$ 1,714		\$ 1,714	0%	0%	100%	0%	100%		* \$ -	\$ 1,714	\$ -	\$ 1,714
Medical Supplies	\$ 401		\$ 401	0%	0%	100%	0%	100%		* \$ -	\$ 401	\$ -	\$ 401
Safety Supplies	\$ 13,026		\$ 13,026	0%	0%	100%	0%	100%		* \$ -	\$ 13,026	\$ -	\$ 13,026
Uniforms Purchased	\$ 8,091		\$ 8,091	0%	0%	100%	0%	100%		* \$ -	\$ 8,091	\$ -	\$ 8,091
Consumable Tools	\$ 6,205		\$ 6,205	82%	0%	18%	0%	100%	As Coll Plt	* \$ 5,118	\$ 1,087	\$ -	\$ 6,205
Other Operating Supplies	\$ 6,031		\$ 6,031	82%	0%	18%	0%	100%	As Coll Plt	* \$ 4,974	\$ 1,057	\$ -	\$ 6,031
Gasoline & Diesel For Fleet (Non-Travel)	\$ 32,681		\$ 32,681	82%	0%	18%	0%	100%	As Coll Plt	* \$ 26,955	\$ 5,726	\$ -	\$ 32,681
Vehicles (<\$25,000)	\$ 40,788		\$ 40,788	82%	0%	18%	0%	100%	As Coll Plt	* \$ 33,642	\$ 7,146	\$ -	\$ 40,788
Machinery & Equipment (<\$25,000)	\$ 43,181		\$ 43,181	82%	0%	18%	0%	100%	As Coll Plt	* \$ 35,616	\$ 7,565	\$ -	\$ 43,181
Computer Hardware (<\$25,000)	\$ 358		\$ 358	82%	0%	18%	0%	100%	As Coll Plt	* \$ 295	\$ 63	\$ -	\$ 358
Computer Software (<\$25,000)	\$ 5,250		\$ 5,250	82%	0%	18%	0%	100%	As Coll Plt	* \$ 4,330	\$ 920	\$ -	\$ 5,250
Vehicle Parts & Supplies	\$ 1,536		\$ 1,536	82%	0%	18%	0%	100%	As Coll Plt	* \$ 1,267	\$ 269	\$ -	\$ 1,536
Equipment Parts & Supplies	\$ 11,819		\$ 11,819	82%	0%	18%	0%	100%	As Coll Plt	* \$ 9,748	\$ 2,071	\$ -	\$ 11,819
Paving & Repair Supplies	\$ 190,582		\$ 190,582	0%	0%	100%	0%	100%		* \$ -	\$ 190,582	\$ -	\$ 190,582
Landscaping Supplies	\$ 282		\$ 282	0%	0%	100%	0%	100%		* \$ -	\$ 282	\$ -	\$ 282
Building Maintenance Supplies	\$ 7,341		\$ 7,341	0%	0%	100%	0%	100%		* \$ -	\$ 7,341	\$ -	\$ 7,341
Repair to Lines Supplies	\$ 152,510		\$ 152,510	82%	0%	18%	0%	100%	As Coll Plt	* \$ 125,791	\$ 26,719	\$ -	\$ 152,510
Pump Station Repair Supplies	\$ 51,412		\$ 51,412	82%	0%	18%	0%	100%	As Coll Plt	* \$ 42,405	\$ 9,007	\$ -	\$ 51,412
Property & Liability Insurance	\$ 18,445		\$ 18,445	82%	0%	18%	0%	100%	As Coll Plt	* \$ 15,213	\$ 3,231	\$ -	\$ 18,445
Inland Marine Coverage	\$ 3,850		\$ 3,850	82%	0%	18%	0%	100%	As Coll Plt	* \$ 3,175	\$ 674	\$ -	\$ 3,850
Auto Physical Damage	\$ 1,942		\$ 1,942	82%	0%	18%	0%	100%	As Coll Plt	* \$ 1,602	\$ 340	\$ -	\$ 1,942
Liability Insurance	\$ 7,647		\$ 7,647	82%	0%	18%	0%	100%	As Coll Plt	* \$ 6,307	\$ 1,340	\$ -	\$ 7,647
Vehicle Liability Insurance	\$ 10,787		\$ 10,787	82%	0%	18%	0%	100%	As Coll Plt	* \$ 8,897	\$ 1,890	\$ -	\$ 10,787
Umbrella Liability	\$ 1,446		\$ 1,446	82%	0%	18%	0%	100%	As Coll Plt	* \$ 1,192	\$ 253	\$ -	\$ 1,446
Vehicle Liab Claims/Deductibles	\$ (257)		\$ (257)	82%	0%	18%	0%	100%	As Coll Plt	* \$ (212)	\$ (45)	\$ -	\$ (257)
Land Use Rental	\$ 250		\$ 250	82%	0%	18%	0%	100%	As Coll Plt	* \$ 206	\$ 44	\$ -	\$ 250
Equipment Rental & Leases	\$ 4,736		\$ 4,736	82%	0%	18%	0%	100%	As Coll Plt	* \$ 3,906	\$ 830	\$ -	\$ 4,736
State Fees	\$ 2,141		\$ 2,141	0%	0%	100%	0%	100%		* \$ -	\$ 2,141	\$ -	\$ 2,141
Sewer Operating-Lease/Loan Intere-Sewer Collection	\$ 21,575		\$ 21,575	82%	0%	18%	0%	100%	As Coll Plt	* \$ 17,795	\$ 3,780	\$ -	\$ 21,575
Printing & Copying Expenses, Outsourced	\$ 195		\$ 195	0%	0%	100%	0%	100%		* \$ -	\$ 195	\$ -	\$ 195
Legal Notices	\$ 185		\$ 185	0%	0%	100%	0%	100%		* \$ -	\$ 185	\$ -	\$ 185
Employee Wellness Program	\$ 397		\$ 397	0%	0%	100%	0%	100%		* \$ -	\$ 397	\$ -	\$ 397
Other Contractual Services	\$ 107,264		\$ 107,264	0%	0%	100%	0%	100%		* \$ -	\$ 107,264	\$ -	\$ 107,264
Repair to Lines	\$ 31,108		\$ 31,108	82%	0%	18%	0%	100%	As Coll Plt	* \$ 25,658	\$ 5,450	\$ -	\$ 31,108
Other Repair & Maintenance Services	\$ 9,840		\$ 9,840	82%	0%	18%	0%	100%	As Coll Plt	* \$ 8,116	\$ 1,724	\$ -	\$ 9,840
Easements Acquired (<\$25,000)	\$ 24,500		\$ 24,500	82%	0%	18%	0%	100%	As Coll Plt	* \$ 20,208	\$ 4,292	\$ -	\$ 24,500
e-Commerce Fees	\$ 8		\$ 8	0%	0%	100%	0%	100%		* \$ -	\$ 8	\$ -	\$ 8
Grounds Maintenance Supplies	\$ 267		\$ 267	0%	0%	100%	0%	100%		* \$ -	\$ 267	\$ -	\$ 267
Furniture, Fixtures (<\$25,000)	\$ 180		\$ 180	0%	0%	100%	0%	100%		* \$ -	\$ 180	\$ -	\$ 180
Subtotal Collection	\$ 2,470,826	\$ -	\$ 2,470,826							\$ 1,743,641	\$ 727,185	\$ -	\$ 2,470,826
										71%	29%	0%	100%

Treatment																			
Regular Pay	\$ 757,675	\$ 757,675	80%	0%	0%	20%	100%	As Treat PIt	* \$ 603,961	\$ 773	\$152,941	\$ 757,675							
Overtime Pay	\$ 36,885	\$ 36,885	80%	0%	0%	20%	100%	As Treat PIt	* \$ 29,402	\$ 38	\$ 7,445	\$ 36,885							
FICA (Employer's Share)	\$ 56,554	\$ 56,554	80%	0%	0%	20%	100%	As Treat PIt	* \$ 45,081	\$ 58	\$ 11,416	\$ 56,554							
Medical Premiums	\$ 231,366	\$ 231,366	80%	0%	0%	20%	100%	As Treat PIt	* \$ 184,428	\$ 236	\$ 46,702	\$ 231,366							
Group Insurance Premiums	\$ 16,769	\$ 16,769	80%	0%	0%	20%	100%	As Treat PIt	* \$ 13,367	\$ 17	\$ 3,385	\$ 16,769							
Employee Insurance Contributions	\$ (53,764)	\$ (53,764)	80%	0%	0%	20%	100%	As Treat PIt	* \$ (42,856)	\$ (55)	\$ (10,852)	\$ (53,764)							
Retirement Contributions	\$ 103,292	\$ 103,292	80%	0%	0%	20%	100%	As Treat PIt	* \$ 82,337	\$ 105	\$ 20,850	\$ 103,292							
Defined Contrib Match	\$ 7,185	\$ 7,185	80%	0%	0%	20%	100%	As Treat PIt	* \$ 5,727	\$ 7	\$ 1,450	\$ 7,185							
Unemployment Claims	\$ (814)	\$ (814)	80%	0%	0%	20%	100%	As Treat PIt	* \$ (649)	\$ (1)	\$ (164)	\$ (814)							
Workers Compensation	\$ 7,678	\$ 7,678	80%	0%	0%	20%	100%	As Treat PIt	* \$ 6,121	\$ 8	\$ 1,550	\$ 7,678							
Workers Comp Claims (Self Insured)	\$ (11,349)	\$ (11,349)	80%	0%	0%	20%	100%	As Treat PIt	* \$ (9,047)	\$ (12)	\$ (2,291)	\$ (11,349)							
Mailing & Outbound Shipping	\$ 526	\$ 526	0%	0%	100%	0%	100%		* \$ -	\$ 526	\$ -	\$ 526							
Freight For Inbound Purchased Items	\$ 6,459	\$ 6,459	0%	0%	100%	0%	100%		* \$ -	\$ 6,459	\$ -	\$ 6,459							
Vehicle Licenses & Titles	\$ 45	\$ 45	0%	0%	100%	0%	100%		* \$ -	\$ 45	\$ -	\$ 45							
Testing & Physicals	\$ 959	\$ 959	0%	0%	100%	0%	100%		* \$ -	\$ 959	\$ -	\$ 959							
Landfill & Biosolids Management	\$ 450,999	\$ 450,999	80%	0%	0%	20%	100%	As Treat PIt	* \$ 359,502	\$ 460	\$ 91,036	\$ 450,999							
Lab Fees	\$ 48,181	\$ 48,181	80%	0%	0%	20%	100%	As Treat PIt	* \$ 38,406	\$ 49	\$ 9,726	\$ 48,181							
Other Operating Services	\$ 44	\$ 44	80%	0%	0%	20%	100%	As Treat PIt	* \$ 35	\$ 0	\$ 9	\$ 44							
Dues For Memberships	\$ 744	\$ 744	0%	0%	100%	0%	100%		* \$ -	\$ 744	\$ -	\$ 744							
Public Relations & Education (City Sponsored)	\$ 228	\$ 228	0%	0%	100%	0%	100%		* \$ -	\$ 228	\$ -	\$ 228							
Electric Service	\$ 1,106,152	\$ 1,106,152	80%	0%	0%	20%	100%	As Treat PIt	* \$ 881,741	\$ 1,129	\$223,283	\$1,106,152							
Solar Array	\$ (27,432)	\$ (27,432)	0%	0%	100%	0%	100%		* \$ -	\$ (27,432)	\$ -	\$ (27,432)							
Water & Sewer Service	\$ 25,035	\$ 25,035	0%	0%	100%	0%	100%		* \$ -	\$ 25,035	\$ -	\$ 25,035							
Stormwater Service	\$ 5,008	\$ 5,008	0%	0%	100%	0%	100%		* \$ -	\$ 5,008	\$ -	\$ 5,008							
Solid Waste Service	\$ 6,360	\$ 6,360	0%	0%	100%	0%	100%		* \$ -	\$ 6,360	\$ -	\$ 6,360							
Natural Gas Service	\$ 7,261	\$ 7,261	0%	0%	100%	0%	100%		* \$ -	\$ 7,261	\$ -	\$ 7,261							
Telephone Service	\$ 2,340	\$ 2,340	0%	0%	100%	0%	100%		* \$ -	\$ 2,340	\$ -	\$ 2,340							
Cellular Telephone Service	\$ 2,540	\$ 2,540	0%	0%	100%	0%	100%		* \$ -	\$ 2,540	\$ -	\$ 2,540							
Consultant Services	\$ 38,800	\$ 38,800	80%	0%	0%	20%	100%	As Treat PIt	* \$ 30,928	\$ 40	\$ 7,832	\$ 38,800							
Other Contractual Services	\$ 7,435	\$ 7,435	80%	0%	0%	20%	100%	As Treat PIt	* \$ 5,927	\$ 8	\$ 1,501	\$ 7,435							
Vehicle Repair & Maintenance Services	\$ 24,748	\$ 24,748	80%	0%	0%	20%	100%	As Treat PIt	* \$ 19,728	\$ 25	\$ 4,996	\$ 24,748							
Equipment Repair & Maintenance Services	\$ 156,975	\$ 156,975	80%	0%	0%	20%	100%	As Treat PIt	* \$ 125,129	\$ 160	\$ 31,686	\$ 156,975							
Building Maintenance Services	\$ 47,709	\$ 47,709	80%	0%	0%	20%	100%	As Treat PIt	* \$ 38,030	\$ 49	\$ 9,630	\$ 47,709							
Employee Recognition/Receptions	\$ 134	\$ 134	80%	0%	0%	20%	100%	As Treat PIt	* \$ 106	\$ 0	\$ 27	\$ 134							
Registrations	\$ 2,830	\$ 2,830	0%	0%	100%	0%	100%		* \$ -	\$ 2,830	\$ -	\$ 2,830							
Ground Transportation (Travel)	\$ 240	\$ 240	0%	0%	100%	0%	100%		* \$ -	\$ 240	\$ -	\$ 240							
Air Travel	\$ 335	\$ 335	0%	0%	100%	0%	100%		* \$ -	\$ 335	\$ -	\$ 335							
Lodging	\$ 1,013	\$ 1,013	0%	0%	100%	0%	100%		* \$ -	\$ 1,013	\$ -	\$ 1,013							
Meals (Outside Williamson County)	\$ 350	\$ 350	0%	0%	100%	0%	100%		* \$ -	\$ 350	\$ -	\$ 350							
Office Supplies	\$ 2,678	\$ 2,678	0%	0%	100%	0%	100%		* \$ -	\$ 2,678	\$ -	\$ 2,678							
Employee Benevolence Items	\$ 31	\$ 31	0%	0%	100%	0%	100%		* \$ -	\$ 31	\$ -	\$ 31							
Meals & Food (Inside Williamson County)	\$ 388	\$ 388	0%	0%	100%	0%	100%		* \$ -	\$ 388	\$ -	\$ 388							
Lab Chemicals & Supplies	\$ 185,462	\$ 185,462	100%	0%	0%	0%	100%		* \$ 185,462	\$ -	\$ -	\$ 185,462							
Odor Control Chemicals	\$ 43,042	\$ 43,042	100%	0%	0%	0%	100%		* \$ 43,042	\$ -	\$ -	\$ 43,042							
Medical Supplies	\$ 399	\$ 399	0%	0%	100%	0%	100%		* \$ -	\$ 399	\$ -	\$ 399							
Safety Supplies	\$ 12,910	\$ 12,910	0%	0%	100%	0%	100%		* \$ -	\$ 12,910	\$ -	\$ 12,910							
Uniforms Purchased	\$ 4,591	\$ 4,591	0%	0%	100%	0%	100%		* \$ -	\$ 4,591	\$ -	\$ 4,591							
Other Operating Supplies	\$ 3,966	\$ 3,966	80%	0%	0%	20%	100%	As Treat PIt	* \$ 3,161	\$ 4	\$ 801	\$ 3,966							
Gasoline & Diesel For Fleet (Non-Travel)	\$ 21,694	\$ 21,694	80%	0%	0%	20%	100%	As Treat PIt	* \$ 17,293	\$ 22	\$ 4,379	\$ 21,694							
Furniture, Fixtures (<\$25,000)	\$ 1,226	\$ 1,226	0%	0%	100%	0%	100%		* \$ -	\$ 1,226	\$ -	\$ 1,226							
Machinery & Equipment (<\$25,000)	\$ 32,516	\$ 32,516	80%	0%	0%	20%	100%	As Treat PIt	* \$ 25,920	\$ 33	\$ 6,564	\$ 32,516							
Vehicle Parts & Supplies	\$ 1,250	\$ 1,250	80%	0%	0%	20%	100%	As Treat PIt	* \$ 996	\$ 1	\$ 252	\$ 1,250							
Equipment Parts & Supplies	\$ 135,149	\$ 135,149	80%	0%	0%	20%	100%	As Treat PIt	* \$ 107,730	\$ 138	\$ 27,280	\$ 135,149							
Grounds Maintenance Supplies	\$ 1,115	\$ 1,115	0%	0%	100%	0%	100%		* \$ -	\$ 1,115	\$ -	\$ 1,115							
Building Maintenance Supplies	\$ 23,142	\$ 23,142	0%	0%	100%	0%	100%		* \$ -	\$ 23,142	\$ -	\$ 23,142							
Property & Liability Insurance	\$ 81,214	\$ 81,214	80%	0%	0%	20%	100%	As Treat PIt	* \$ 64,738	\$ 83	\$ 16,393	\$ 81,214							
Inland Marine Coverage	\$ 615	\$ 615	80%	0%	0%	20%	100%	As Treat PIt	* \$ 490	\$ 1	\$ 124	\$ 615							
Auto Physical Damage	\$ 541	\$ 541	80%	0%	0%	20%	100%	As Treat PIt	* \$ 431	\$ 1	\$ 109	\$ 541							
Liability Insurance	\$ 14,672	\$ 14,672	80%	0%	0%	20%	100%	As Treat PIt	* \$ 11,695	\$ 15	\$ 2,962	\$ 14,672							
Vehicle Liability Insurance	\$ 4,109	\$ 4,109	80%	0%	0%	20%	100%	As Treat PIt	* \$ 3,276	\$ 4	\$ 829	\$ 4,109							
Umbrella Liability	\$ 2,774	\$ 2,774	80%	0%	0%	20%	100%	As Treat PIt	* \$ 2,211	\$ 3	\$ 560	\$ 2,774							
State Fees	\$ 14,140	\$ 14,140	0%	0%	100%	0%	100%		* \$ -	\$ 14,140	\$ -	\$ 14,140							
Computer Hardware (<\$25,000)	\$ 1,173	\$ 1,173	80%	0%	0%	20%	100%	As Treat PIt	* \$ 935	\$ 1	\$ 237	\$ 1,173							
Uniform Rental & Services	\$ 63	\$ 63	0%	0%	100%	0%	100%		* \$ -	\$ 63	\$ -	\$ 63							
Outside Training	\$ 525	\$ 525	0%	0%	100%	0%	100%		* \$ -	\$ 525	\$ -	\$ 525							
In-House Training	\$ 189	\$ 189	0%	0%	100%	0%	100%		* \$ -	\$ 189	\$ -	\$ 189							
Other Repair & Maint Supplies	\$ 76	\$ 76	80%	0%	0%	20%	100%	As Treat PIt	* \$ 60	\$ 0	\$ 15	\$ 76							
Equipment Rental & Leases	\$ 826	\$ 826	80%	0%	0%	20%	100%	As Treat PIt	* \$ 659	\$ 1	\$ 167	\$ 826							
Subtotal Treatment	\$ 3,657,971	\$ -	\$ 3,657,971						\$ 2,885,502	\$ 99,639	\$672,830	\$3,657,971							

General													
Medical Premiums	\$ 14,567		\$ 14,567	0%	0%	100%	0%	100%		* \$ -	\$ 14,567	\$ -	\$ 14,567
Employee Insurance Contributions	\$ (17,589)		\$ (17,589)	0%	0%	100%	0%	100%		* \$ -	\$ (17,589)	\$ -	\$ (17,589)
Compensated Absences	\$ 38,010		\$ 38,010	0%	0%	100%	0%	100%		* \$ -	\$ 38,010	\$ -	\$ 38,010
Pension Expense	\$ 91,627		\$ 91,627	0%	0%	100%	0%	100%		* \$ -	\$ 91,627	\$ -	\$ 91,627
Legal Notices	\$ 206		\$ 206	0%	0%	100%	0%	100%		* \$ -	\$ 206	\$ -	\$ 206
Legal Services	\$ 184,803		\$ 184,803	0%	0%	100%	0%	100%		* \$ -	\$ 184,803	\$ -	\$ 184,803
Audit Services	\$ 12,000		\$ 12,000	0%	0%	100%	0%	100%		* \$ -	\$ 12,000	\$ -	\$ 12,000
Other Contractual Services	\$ 120,651		\$ 120,651	0%	0%	100%	0%	100%		* \$ -	\$ 120,651	\$ -	\$ 120,651
Admin Services Provided to Other Funds	\$ 1,081,927		\$ 1,081,927	0%	0%	100%	0%	100%		* \$ -	\$1,081,927	\$ -	\$1,081,927
Paying Agent & Other Debt Fees	\$ 653		\$ 653	0%	0%	100%	0%	100%		* \$ -	\$ 653	\$ -	\$ 653
Dues For Membership	\$ 30		\$ 30	0%	0%	100%	0%	100%		* \$ -	\$ 30	\$ -	\$ 30
Engineering Services	\$ 21,000		\$ 21,000	82%	0%	13%	5%	100%	As Outside PIt	* \$ 17,173	\$ 2,750	\$ 1,077	\$ 21,000
Permits	\$ 950		\$ 950	0%	0%	100%	0%	100%		* \$ -	\$ 950	\$ -	\$ 950
Consultant Services	\$ 35,249		\$ 35,249	0%	0%	100%	0%	100%		* \$ -	\$ 35,249	\$ -	\$ 35,249
Repair to Lines	\$ 45,408		\$ 45,408	0%	0%	100%	0%	100%		* \$ -	\$ 45,408	\$ -	\$ 45,408
Easements Acquired (<\$25,000)	\$ 23,000		\$ 23,000	0%	0%	100%	0%	100%		* \$ -	\$ 23,000	\$ -	\$ 23,000
State Fees	\$ 1,175		\$ 1,175	0%	0%	100%	0%	100%		* \$ -	\$ 1,175	\$ -	\$ 1,175
Recording & Filing Fees	\$ (18,546)		\$ (18,546)	0%	0%	100%	0%	100%		* \$ -	\$ (18,546)	\$ -	\$ (18,546)
e-Commerce	\$ 5		\$ 5	0%	0%	100%	0%	100%		* \$ -	\$ 5	\$ -	\$ 5
Transfer to Debt Service Fund	\$ 100,000		\$ 100,000	82%	0%	13%	5%	100%	As Debt Service	* \$ 81,777	\$ 13,093	\$ 5,130	\$ 100,000
Subtotal General	\$ 1,735,126	\$ -	\$ 1,735,126							\$ 98,950	\$1,629,968	\$ 6,207	\$1,735,126
Total Operating Expenses	\$ 9,140,248	\$ (552,050)	\$ 8,588,198							\$4,728,093	\$3,181,068	\$679,037	\$ 8,588,198
										55%	37%	8%	100%

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Allocation of Volume Expenses
[Main Menu](#)

	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Total
Utility Billing & Admin						
Utility Billing	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Admin	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Utility Billing & Admin	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Collection						
Regular Pay	\$ 749,470 30	\$ 484,510	\$ 10,229	\$ 243,562	\$ 11,170	\$ 749,470
Overtime Pay	\$ 65,878 30	\$ 42,588	\$ 899	\$ 21,409	\$ 982	\$ 65,878
FICA (Employer's Share)	\$ 58,962 30	\$ 38,117	\$ 805	\$ 19,161	\$ 879	\$ 58,962
Medical Premiums	\$ 224,023 30	\$ 144,824	\$ 3,057	\$ 72,803	\$ 3,339	\$ 224,023
Group Insurance Premiums	\$ 15,641 30	\$ 10,112	\$ 213	\$ 5,083	\$ 233	\$ 15,641
Employee Insurance Contributions	\$ (70,596) 30	\$ (45,638)	\$ (963)	\$ (22,942)	\$ (1,052)	\$ (70,596)
Retirement Contributions	\$ 100,230 30	\$ 64,796	\$ 1,368	\$ 32,573	\$ 1,494	\$ 100,230
Defined Contrib Match	\$ 10,166 30	\$ 6,572	\$ 139	\$ 3,304	\$ 152	\$ 10,166
Workers Compensation	\$ 8,706 30	\$ 5,628	\$ 119	\$ 2,829	\$ 130	\$ 8,706
Mailing & Outbound Shipping	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Freight For Inbound Purchased Items	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Licenses & Titles	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Testing & Physicals	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Landfill & Biosolids Management	\$ 3,309 30	\$ 2,139	\$ 45	\$ 1,075	\$ 49	\$ 3,309
Dues For Memberships	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Publications, Non-Training	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Electric Service	\$ 104,985 30	\$ 67,870	\$ 1,433	\$ 34,118	\$ 1,565	\$ 104,985
Water & Sewer Service	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater Service	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Solid Waste Service	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Natural Gas Service	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Telephone Service	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Cellular Telephone Service	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Network Service including Internet Connection	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Consultant Services	\$ 1,650 30	\$ 1,066	\$ 23	\$ 536	\$ 25	\$ 1,650
Vehicle Repair & Maintenance Services	\$ 34,267 30	\$ 22,152	\$ 468	\$ 11,136	\$ 511	\$ 34,267
Equipment Repair & Maintenance Services	\$ 10,794 30	\$ 6,978	\$ 147	\$ 3,508	\$ 161	\$ 10,794
Building Maintenance Services	\$ 172 30	\$ 111	\$ 2	\$ 56	\$ 3	\$ 172
Pump Station Repair Services	\$ 23,779 30	\$ 15,373	\$ 325	\$ 7,728	\$ 354	\$ 23,779
Employee Recognition/Receptions	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Outside Training	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
In-House Training	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Ground Transportation (Travel)	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Lodging	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Meals (Outside Williamson County)	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Office Supplies	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Meals & Food (Inside Williamson County)	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Medical Supplies	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Safety Supplies	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Uniforms Purchased	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Consumable Tools	\$ 5,118 30	\$ 3,308	\$ 70	\$ 1,663	\$ 76	\$ 5,118
Other Operating Supplies	\$ 4,974 30	\$ 3,216	\$ 68	\$ 1,616	\$ 74	\$ 4,974
Gasoline & Diesel For Fleet (Non-Travel)	\$ 26,955 30	\$ 17,426	\$ 368	\$ 8,760	\$ 402	\$ 26,955
Vehicles (<\$25,000)	\$ 33,642 30	\$ 21,749	\$ 459	\$ 10,933	\$ 501	\$ 33,642
Machinery & Equipment (<\$25,000)	\$ 35,616 30	\$ 23,025	\$ 486	\$ 11,574	\$ 531	\$ 35,616
Computer Hardware (<\$25,000)	\$ 295 30	\$ 191	\$ 4	\$ 96	\$ 4	\$ 295
Computer Software (<\$25,000)	\$ 4,330 30	\$ 2,799	\$ 59	\$ 1,407	\$ 65	\$ 4,330
Vehicle Parts & Supplies	\$ 1,267 30	\$ 819	\$ 17	\$ 412	\$ 19	\$ 1,267
Equipment Parts & Supplies	\$ 9,748 30	\$ 6,302	\$ 133	\$ 3,168	\$ 145	\$ 9,748
Paving & Repair Supplies	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Landscaping Supplies	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Building Maintenance Supplies	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Repair to Lines Supplies	\$ 125,791 30	\$ 81,320	\$ 1,717	\$ 40,879	\$ 1,875	\$ 125,791
Pump Station Repair Supplies	\$ 42,405 30	\$ 27,413	\$ 579	\$ 13,781	\$ 632	\$ 42,405
Property & Liability Insurance	\$ 15,213 30	\$ 9,835	\$ 208	\$ 4,944	\$ 227	\$ 15,213
Inland Marine Coverage	\$ 3,175 30	\$ 2,053	\$ 43	\$ 1,032	\$ 47	\$ 3,175
Auto Physical Damage	\$ 1,602 30	\$ 1,035	\$ 22	\$ 521	\$ 24	\$ 1,602
Liability Insurance	\$ 6,307 30	\$ 4,078	\$ 86	\$ 2,050	\$ 94	\$ 6,307
Vehicle Liability Insurance	\$ 8,897 30	\$ 5,752	\$ 121	\$ 2,891	\$ 133	\$ 8,897
Umbrella Liability	\$ 1,192 30	\$ 771	\$ 16	\$ 388	\$ 18	\$ 1,192
Vehicle Liab Claims/Deductibles	\$ (212) 30	\$ (137)	\$ (3)	\$ (69)	\$ (3)	\$ (212)
Land Use Rental	\$ 206 30	\$ 133	\$ 3	\$ 67	\$ 3	\$ 206
Equipment Rental & Leases	\$ 3,906 30	\$ 2,525	\$ 53	\$ 1,269	\$ 58	\$ 3,906
State Fees	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Operating-Lease/Loan Intere-Sewer Collection	\$ 17,795 30	\$ 11,504	\$ 243	\$ 5,783	\$ 265	\$ 17,795
Printing & Copying Expenses, Outsourced	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Legal Notices	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Employee Wellness Program	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Other Contractual Services	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Repair to Lines	\$ 25,658 30	\$ 16,587	\$ 350	\$ 8,338	\$ 382	\$ 25,658
Other Repair & Maintenance Services	\$ 8,116 30	\$ 5,247	\$ 111	\$ 2,638	\$ 121	\$ 8,116
Easements Acquired (<\$25,000)	\$ 20,208 30	\$ 13,064	\$ 276	\$ 6,567	\$ 301	\$ 20,208
e-Commerce Fees	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Grounds Maintenance Supplies	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Furniture, Fixtures (<\$25,000)	\$ - 30	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Collection	\$ 1,743,641	\$ 1,127,212	\$ 23,797	\$ 566,647	\$ 25,986	\$ 1,743,641

Treatment							
Regular Pay	\$ 603,961	30	\$ 390,443	\$ 8,243	\$ 196,275	\$ 9,001	\$ 603,961
Overtime Pay	\$ 29,402	30	\$ 19,007	\$ 401	\$ 9,555	\$ 438	\$ 29,402
FICA (Employer's Share)	\$ 45,081	30	\$ 29,143	\$ 615	\$ 14,650	\$ 672	\$ 45,081
Medical Premiums	\$ 184,428	30	\$ 119,227	\$ 2,517	\$ 59,935	\$ 2,749	\$ 184,428
Group Insurance Premiums	\$ 13,367	30	\$ 8,641	\$ 182	\$ 4,344	\$ 199	\$ 13,367
Employee Insurance Contributions	\$ (42,856)	30	\$ (27,705)	\$ (585)	\$ (13,927)	\$ (639)	\$ (42,856)
Retirement Contributions	\$ 82,337	30	\$ 53,228	\$ 1,124	\$ 26,758	\$ 1,227	\$ 82,337
Defined Contrib Match	\$ 5,727	30	\$ 3,702	\$ 78	\$ 1,861	\$ 85	\$ 5,727
Unemployment Claims	\$ (649)	30	\$ (419)	\$ (9)	\$ (211)	\$ (10)	\$ (649)
Workers Compensation	\$ 6,121	30	\$ 3,957	\$ 84	\$ 1,989	\$ 91	\$ 6,121
Workers Comp Claims (Self Insured)	\$ (9,047)	30	\$ (5,849)	\$ (123)	\$ (2,940)	\$ (135)	\$ (9,047)
Mailing & Outbound Shipping	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Freight For Inbound Purchased Items	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Licenses & Titles	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Testing & Physicals	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Landfill & Biosolids Management	\$ 359,502	30	\$ 232,407	\$ 4,906	\$ 116,831	\$ 5,358	\$ 359,502
Lab Fees	\$ 38,406	30	\$ 24,828	\$ 524	\$ 12,481	\$ 572	\$ 38,406
Other Operating Services	\$ 35	30	\$ 23	\$ 0	\$ 11	\$ 1	\$ 35
Dues For Memberships	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Public Relations & Education (City Sponsored)	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Electric Service	\$ 881,741	30	\$ 570,019	\$ 12,034	\$ 286,547	\$ 13,141	\$ 881,741
Solar Array	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Water & Sewer Service	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater Service	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Solid Waste Service	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Natural Gas Service	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Telephone Service	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Cellular Telephone Service	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Consultant Services	\$ 30,928	30	\$ 19,994	\$ 422	\$ 10,051	\$ 461	\$ 30,928
Other Contractual Services	\$ 5,927	30	\$ 3,831	\$ 81	\$ 1,926	\$ 88	\$ 5,927
Vehicle Repair & Maintenance Services	\$ 19,728	30	\$ 12,753	\$ 269	\$ 6,411	\$ 294	\$ 19,728
Equipment Repair & Maintenance Services	\$ 125,129	30	\$ 80,892	\$ 1,708	\$ 40,664	\$ 1,865	\$ 125,129
Building Maintenance Services	\$ 38,030	30	\$ 24,585	\$ 519	\$ 12,359	\$ 567	\$ 38,030
Employee Recognition/Receptions	\$ 106	30	\$ 69	\$ 1	\$ 35	\$ 2	\$ 106
Registrations	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Ground Transportation (Travel)	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Air Travel	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Lodging	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Meals (Outside Williamson County)	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Office Supplies	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Employee Benevolence Items	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Meals & Food (Inside Williamson County)	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Lab Chemicals & Supplies	\$ 185,462	30	\$ 119,896	\$ 2,531	\$ 60,271	\$ 2,764	\$ 185,462
Odor Control Chemicals	\$ 43,042	30	\$ 27,825	\$ 587	\$ 13,988	\$ 641	\$ 43,042
Medical Supplies	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Safety Supplies	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Uniforms Purchased	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Other Operating Supplies	\$ 3,161	30	\$ 2,044	\$ 43	\$ 1,027	\$ 47	\$ 3,161
Gasoline & Diesel For Fleet (Non-Travel)	\$ 17,293	30	\$ 11,179	\$ 236	\$ 5,620	\$ 258	\$ 17,293
Furniture, Fixtures (<\$25,000)	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Machinery & Equipment (<\$25,000)	\$ 25,920	30	\$ 16,756	\$ 354	\$ 8,423	\$ 386	\$ 25,920
Vehicle Parts & Supplies	\$ 996	30	\$ 644	\$ 14	\$ 324	\$ 15	\$ 996
Equipment Parts & Supplies	\$ 107,730	30	\$ 69,644	\$ 1,470	\$ 35,010	\$ 1,606	\$ 107,730
Grounds Maintenance Supplies	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Building Maintenance Supplies	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Property & Liability Insurance	\$ 64,738	30	\$ 41,851	\$ 884	\$ 21,038	\$ 965	\$ 64,738
Inland Marine Coverage	\$ 490	30	\$ 317	\$ 7	\$ 159	\$ 7	\$ 490
Auto Physical Damage	\$ 431	30	\$ 279	\$ 6	\$ 140	\$ 6	\$ 431
Liability Insurance	\$ 11,695	30	\$ 7,561	\$ 160	\$ 3,801	\$ 174	\$ 11,695
Vehicle Liability Insurance	\$ 3,276	30	\$ 2,118	\$ 45	\$ 1,064	\$ 49	\$ 3,276
Umbrella Liability	\$ 2,211	30	\$ 1,429	\$ 30	\$ 719	\$ 33	\$ 2,211
State Fees	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Computer Hardware (<\$25,000)	\$ 935	30	\$ 604	\$ 13	\$ 304	\$ 14	\$ 935
Uniform Rental & Services	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Outside Training	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
In-House Training	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Other Repair & Maint Supplies	\$ 60	30	\$ 39	\$ 1	\$ 20	\$ 1	\$ 60
Equipment Rental & Leases	\$ 659	30	\$ 426	\$ 9	\$ 214	\$ 10	\$ 659
Subtotal Treatment	\$2,885,502		\$1,865,390	\$39,380	\$ 937,727	\$43,004	\$2,885,502

General							
Medical Premiums	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Employee Insurance Contributions	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Compensated Absences	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Pension Expense	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Legal Notices	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Legal Services	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Audit Services	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Other Contractual Services	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Admin Services Provided to Other Funds	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Paying Agent & Other Debt Fees	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Dues For Membership	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering Services	\$ 17,173	30	\$ 11,102	\$ 234	\$ 5,581	\$ 256	\$ 17,173
Permits	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Consultant Services	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Repair to Lines	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Easements Acquired (<\$25,000)	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
State Fees	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Recording & Filing Fees	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
e-Commerce	\$ -	30	\$ -	\$ -	\$ -	\$ -	\$ -
Transfer to Debt Service Fund	\$ 81,777	30	\$ 52,866	\$ 1,116	\$ 26,576	\$ 1,219	\$ 81,777
Subtotal General	\$ 98,950		\$ 63,968	\$ 1,350	\$ 32,157	\$ 1,475	\$ 98,950
Total Operating Expenses	\$4,728,093		\$3,056,570	\$64,527	\$1,536,531	\$70,465	\$4,728,093

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Allocation of Customer Expenses
[Main Menu](#)

	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Total
Utility Billing & Admin						
Utility Billing	\$ 106,051 21	\$ 96,561	\$ 2,697	\$ 6,440	\$ 353	\$ 106,051
Utility Admin	\$ 618,225 21	\$ 562,905	\$ 15,723	\$ 37,541	\$ 2,056	\$ 618,225
Subtotal Utility Billing & Admin	\$ 724,276	\$ 659,466	\$ 18,421	\$ 43,981	\$ 2,409	\$ 724,276
Collection						
Regular Pay	\$ 159,196 21	\$ 144,951	\$ 4,049	\$ 9,667	\$ 529	\$ 159,196
Overtime Pay	\$ 13,993 21	\$ 12,741	\$ 356	\$ 850	\$ 47	\$ 13,993
FICA (Employer's Share)	\$ 12,524 21	\$ 11,404	\$ 319	\$ 761	\$ 42	\$ 12,524
Medical Premiums	\$ 47,585 21	\$ 43,327	\$ 1,210	\$ 2,890	\$ 158	\$ 47,585
Group Insurance Premiums	\$ 3,322 21	\$ 3,025	\$ 84	\$ 202	\$ 11	\$ 3,322
Employee Insurance Contributions	\$ (14,995) 21	\$ (13,654)	\$ (381)	\$ (911)	\$ (50)	\$ (14,995)
Retirement Contributions	\$ 21,290 21	\$ 19,385	\$ 541	\$ 1,293	\$ 71	\$ 21,290
Defined Contrib Match	\$ 2,159 21	\$ 1,966	\$ 55	\$ 131	\$ 7	\$ 2,159
Workers Compensation	\$ 1,849 21	\$ 1,684	\$ 47	\$ 112	\$ 6	\$ 1,849
Mailing & Outbound Shipping	\$ 71 21	\$ 65	\$ 2	\$ 4	\$ 0	\$ 71
Freight For Inbound Purchased Items	\$ 70 21	\$ 64	\$ 2	\$ 4	\$ 0	\$ 70
Vehicle Licenses & Titles	\$ 171 21	\$ 156	\$ 4	\$ 10	\$ 1	\$ 171
Testing & Physicals	\$ 686 21	\$ 625	\$ 17	\$ 42	\$ 2	\$ 686
Landfill & Biosolids Management	\$ 703 21	\$ 640	\$ 18	\$ 43	\$ 2	\$ 703
Dues For Memberships	\$ 95 21	\$ 86	\$ 2	\$ 6	\$ 0	\$ 95
Publications, Non-Training	\$ 195 21	\$ 177	\$ 5	\$ 12	\$ 1	\$ 195
Electric Service	\$ 22,300 21	\$ 20,305	\$ 567	\$ 1,354	\$ 74	\$ 22,300
Water & Sewer Service	\$ 2,317 21	\$ 2,109	\$ 59	\$ 141	\$ 8	\$ 2,317
Stormwater Service	\$ 680 21	\$ 620	\$ 17	\$ 41	\$ 2	\$ 680
Solid Waste Service	\$ 2,688 21	\$ 2,447	\$ 68	\$ 163	\$ 9	\$ 2,688
Natural Gas Service	\$ 2,929 21	\$ 2,667	\$ 75	\$ 178	\$ 10	\$ 2,929
Telephone Service	\$ 578 21	\$ 527	\$ 15	\$ 35	\$ 2	\$ 578
Cellular Telephone Service	\$ 9,356 21	\$ 8,519	\$ 238	\$ 568	\$ 31	\$ 9,356
Network Service including Internet Connection	\$ 1,382 21	\$ 1,259	\$ 35	\$ 84	\$ 5	\$ 1,382
Consultant Services	\$ 350 21	\$ 319	\$ 9	\$ 21	\$ 1	\$ 350
Vehicle Repair & Maintenance Services	\$ 7,279 21	\$ 6,627	\$ 185	\$ 442	\$ 24	\$ 7,279
Equipment Repair & Maintenance Services	\$ 2,293 21	\$ 2,088	\$ 58	\$ 139	\$ 8	\$ 2,293
Building Maintenance Services	\$ 37 21	\$ 33	\$ 1	\$ 2	\$ 0	\$ 37
Pump Station Repair Services	\$ 5,051 21	\$ 4,599	\$ 128	\$ 307	\$ 17	\$ 5,051
Employee Recognition/Receptions	\$ 214 21	\$ 194	\$ 5	\$ 13	\$ 1	\$ 214
Outside Training	\$ 1,405 21	\$ 1,279	\$ 36	\$ 85	\$ 5	\$ 1,405
In-House Training	\$ 168 21	\$ 153	\$ 4	\$ 10	\$ 1	\$ 168
Ground Transportation (Travel)	\$ 397 21	\$ 362	\$ 10	\$ 24	\$ 1	\$ 397
Lodging	\$ 291 21	\$ 265	\$ 7	\$ 18	\$ 1	\$ 291
Meals (Outside Williamson County)	\$ 357 21	\$ 325	\$ 9	\$ 22	\$ 1	\$ 357
Office Supplies	\$ 690 21	\$ 628	\$ 18	\$ 42	\$ 2	\$ 690
Meals & Food (Inside Williamson County)	\$ 1,714 21	\$ 1,560	\$ 44	\$ 104	\$ 6	\$ 1,714
Medical Supplies	\$ 401 21	\$ 365	\$ 10	\$ 24	\$ 1	\$ 401
Safety Supplies	\$ 13,026 21	\$ 11,861	\$ 331	\$ 791	\$ 43	\$ 13,026
Uniforms Purchased	\$ 8,091 21	\$ 7,367	\$ 206	\$ 491	\$ 27	\$ 8,091
Consumable Tools	\$ 1,087 21	\$ 990	\$ 28	\$ 66	\$ 4	\$ 1,087
Other Operating Supplies	\$ 1,057 21	\$ 962	\$ 27	\$ 64	\$ 4	\$ 1,057
Gasoline & Diesel For Fleet (Non-Travel)	\$ 5,726 21	\$ 5,213	\$ 146	\$ 348	\$ 19	\$ 5,726
Vehicles (<\$25,000)	\$ 7,146 21	\$ 6,507	\$ 182	\$ 434	\$ 24	\$ 7,146
Machinery & Equipment (<\$25,000)	\$ 7,565 21	\$ 6,888	\$ 192	\$ 459	\$ 25	\$ 7,565
Computer Hardware (<\$25,000)	\$ 63 21	\$ 57	\$ 2	\$ 4	\$ 0	\$ 63
Computer Software (<\$25,000)	\$ 920 21	\$ 837	\$ 23	\$ 56	\$ 3	\$ 920
Vehicle Parts & Supplies	\$ 269 21	\$ 245	\$ 7	\$ 16	\$ 1	\$ 269
Equipment Parts & Supplies	\$ 2,071 21	\$ 1,885	\$ 53	\$ 126	\$ 7	\$ 2,071
Paving & Repair Supplies	\$ 190,582 21	\$ 173,528	\$ 4,847	\$ 11,573	\$ 634	\$ 190,582
Landscaping Supplies	\$ 282 21	\$ 257	\$ 7	\$ 17	\$ 1	\$ 282
Building Maintenance Supplies	\$ 7,341 21	\$ 6,684	\$ 187	\$ 446	\$ 24	\$ 7,341
Repair to Lines Supplies	\$ 26,719 21	\$ 24,328	\$ 680	\$ 1,623	\$ 89	\$ 26,719
Pump Station Repair Supplies	\$ 9,007 21	\$ 8,201	\$ 229	\$ 547	\$ 30	\$ 9,007
Property & Liability Insurance	\$ 3,231 21	\$ 2,942	\$ 82	\$ 196	\$ 11	\$ 3,231
Inland Marine Coverage	\$ 674 21	\$ 614	\$ 17	\$ 41	\$ 2	\$ 674
Auto Physical Damage	\$ 340 21	\$ 310	\$ 9	\$ 21	\$ 1	\$ 340
Liability Insurance	\$ 1,340 21	\$ 1,220	\$ 34	\$ 81	\$ 4	\$ 1,340
Vehicle Liability Insurance	\$ 1,890 21	\$ 1,721	\$ 48	\$ 115	\$ 6	\$ 1,890
Umbrella Liability	\$ 253 21	\$ 231	\$ 6	\$ 15	\$ 1	\$ 253
Vehicle Liab Claims/Deductibles	\$ (45) 21	\$ (41)	\$ (1)	\$ (3)	\$ (0)	\$ (45)
Land Use Rental	\$ 44 21	\$ 40	\$ 1	\$ 3	\$ 0	\$ 44
Equipment Rental & Leases	\$ 830 21	\$ 755	\$ 21	\$ 50	\$ 3	\$ 830
State Fees	\$ 2,141 21	\$ 1,949	\$ 54	\$ 130	\$ 7	\$ 2,141
Sewer Operating-Lease/Loan Intere-Sewer Collection	\$ 3,780 21	\$ 3,442	\$ 96	\$ 230	\$ 13	\$ 3,780
Printing & Copying Expenses, Outsourced	\$ 195 21	\$ 178	\$ 5	\$ 12	\$ 1	\$ 195
Legal Notices	\$ 185 21	\$ 168	\$ 5	\$ 11	\$ 1	\$ 185
Employee Wellness Program	\$ 397 21	\$ 362	\$ 10	\$ 24	\$ 1	\$ 397
Other Contractual Services	\$ 107,264 21	\$ 97,665	\$ 2,728	\$ 6,513	\$ 357	\$ 107,264
Repair to Lines	\$ 5,450 21	\$ 4,962	\$ 139	\$ 331	\$ 18	\$ 5,450
Other Repair & Maintenance Services	\$ 1,724 21	\$ 1,570	\$ 44	\$ 105	\$ 6	\$ 1,724
Easements Acquired (<\$25,000)	\$ 4,292 21	\$ 3,908	\$ 109	\$ 261	\$ 14	\$ 4,292
e-Commerce Fees	\$ 8 21	\$ 7	\$ 0	\$ 0	\$ 0	\$ 8
Gounds Maintenance Supplies	\$ 267 21	\$ 243	\$ 7	\$ 16	\$ 1	\$ 267
Furniture, Fixtures (<\$25,000)	\$ 180 21	\$ 164	\$ 5	\$ 11	\$ 1	\$ 180
Subtotal Collection	\$ 727,185	\$ 662,114	\$ 18,495	\$ 44,158	\$ 2,418	\$ 727,185

Treatment													
Regular Pay	\$	773	21	\$	704	\$	20	\$	47	\$	3	\$	773
Overtime Pay	\$	38	21	\$	34	\$	1	\$	2	\$	0	\$	38
FICA (Employer's Share)	\$	58	21	\$	53	\$	1	\$	4	\$	0	\$	58
Medical Premiums	\$	236	21	\$	215	\$	6	\$	14	\$	1	\$	236
Group Insurance Premiums	\$	17	21	\$	16	\$	0	\$	1	\$	0	\$	17
Employee Insurance Contributions	\$	(55)	21	\$	(50)	\$	(1)	\$	(3)	\$	(0)	\$	(55)
Retirement Contributions	\$	105	21	\$	96	\$	3	\$	6	\$	0	\$	105
Defined Contrib Match	\$	7	21	\$	7	\$	0	\$	0	\$	0	\$	7
Unemployment Claims	\$	(1)	21	\$	(1)	\$	(0)	\$	(0)	\$	(0)	\$	(1)
Workers Compensation	\$	8	21	\$	7	\$	0	\$	0	\$	0	\$	8
Workers Comp Claims (Self Insured)	\$	(12)	21	\$	(11)	\$	(0)	\$	(1)	\$	(0)	\$	(12)
Mailing & Outbound Shipping	\$	526	21	\$	479	\$	13	\$	32	\$	2	\$	526
Freight For Inbound Purchased Items	\$	6,459	21	\$	5,881	\$	164	\$	392	\$	21	\$	6,459
Vehicle Licenses & Titles	\$	45	21	\$	41	\$	1	\$	3	\$	0	\$	45
Testing & Physicals	\$	959	21	\$	874	\$	24	\$	58	\$	3	\$	959
Landfill & Biosolids Management	\$	460	21	\$	419	\$	12	\$	28	\$	2	\$	460
Lab Fees	\$	49	21	\$	45	\$	1	\$	3	\$	0	\$	49
Other Operating Services	\$	0	21	\$	0	\$	0	\$	0	\$	0	\$	0
Dues For Memberships	\$	744	21	\$	677	\$	19	\$	45	\$	2	\$	744
Public Relations & Education (City Sponsored)	\$	228	21	\$	208	\$	6	\$	14	\$	1	\$	228
Electric Service	\$	1,129	21	\$	1,028	\$	29	\$	69	\$	4	\$	1,129
Solar Array	\$	(27,432)	21	\$	(24,978)	\$	(698)	\$	(1,666)	\$	(91)	\$	(27,432)
Water & Sewer Service	\$	25,035	21	\$	22,795	\$	637	\$	1,520	\$	83	\$	25,035
Stormwater Service	\$	5,008	21	\$	4,560	\$	127	\$	304	\$	17	\$	5,008
Solid Waste Service	\$	6,360	21	\$	5,791	\$	162	\$	386	\$	21	\$	6,360
Natural Gas Service	\$	7,261	21	\$	6,611	\$	185	\$	441	\$	24	\$	7,261
Telephone Service	\$	2,340	21	\$	2,131	\$	60	\$	142	\$	8	\$	2,340
Cellular Telephone Service	\$	2,540	21	\$	2,312	\$	65	\$	154	\$	8	\$	2,540
Consultant Services	\$	40	21	\$	36	\$	1	\$	2	\$	0	\$	40
Other Contractual Services	\$	8	21	\$	7	\$	0	\$	0	\$	0	\$	8
Vehicle Repair & Maintenance Services	\$	25	21	\$	23	\$	1	\$	2	\$	0	\$	25
Equipment Repair & Maintenance Services	\$	160	21	\$	146	\$	4	\$	10	\$	1	\$	160
Building Maintenance Services	\$	49	21	\$	44	\$	1	\$	3	\$	0	\$	49
Employee Recognition/Receptions	\$	0	21	\$	0	\$	0	\$	0	\$	0	\$	0
Registrations	\$	2,830	21	\$	2,577	\$	72	\$	172	\$	9	\$	2,830
Ground Transportation (Travel)	\$	240	21	\$	218	\$	6	\$	15	\$	1	\$	240
Air Travel	\$	335	21	\$	305	\$	9	\$	20	\$	1	\$	335
Lodging	\$	1,013	21	\$	922	\$	26	\$	61	\$	3	\$	1,013
Meals (Outside Williamson County)	\$	350	21	\$	319	\$	9	\$	21	\$	1	\$	350
Office Supplies	\$	2,678	21	\$	2,438	\$	68	\$	163	\$	9	\$	2,678
Employee Benevolence Items	\$	31	21	\$	28	\$	1	\$	2	\$	0	\$	31
Meals & Food (Inside Williamson County)	\$	388	21	\$	353	\$	10	\$	24	\$	1	\$	388
Lab Chemicals & Supplies	\$	-	21	\$	-	\$	-	\$	-	\$	-	\$	-
Odor Control Chemicals	\$	-	21	\$	-	\$	-	\$	-	\$	-	\$	-
Medical Supplies	\$	399	21	\$	363	\$	10	\$	24	\$	1	\$	399
Safety Supplies	\$	12,910	21	\$	11,755	\$	328	\$	784	\$	43	\$	12,910
Uniforms Purchased	\$	4,591	21	\$	4,180	\$	117	\$	279	\$	15	\$	4,591
Other Operating Supplies	\$	4	21	\$	4	\$	0	\$	0	\$	0	\$	4
Gasoline & Diesel For Fleet (Non-Travel)	\$	22	21	\$	20	\$	1	\$	1	\$	0	\$	22
Furniture, Fixtures (<\$25,000)	\$	1,226	21	\$	1,117	\$	31	\$	74	\$	4	\$	1,226
Machinery & Equipment (<\$25,000)	\$	33	21	\$	30	\$	1	\$	2	\$	0	\$	33
Vehicle Parts & Supplies	\$	1	21	\$	1	\$	0	\$	0	\$	0	\$	1
Equipment Parts & Supplies	\$	138	21	\$	126	\$	4	\$	8	\$	0	\$	138
Grounds Maintenance Supplies	\$	1,115	21	\$	1,015	\$	28	\$	68	\$	4	\$	1,115
Building Maintenance Supplies	\$	23,142	21	\$	21,071	\$	589	\$	1,405	\$	77	\$	23,142
Property & Liability Insurance	\$	83	21	\$	75	\$	2	\$	5	\$	0	\$	83
Inland Marine Coverage	\$	1	21	\$	1	\$	0	\$	0	\$	0	\$	1
Auto Physical Damage	\$	1	21	\$	1	\$	0	\$	0	\$	0	\$	1
Liability Insurance	\$	15	21	\$	14	\$	0	\$	1	\$	0	\$	15
Vehicle Liability Insurance	\$	4	21	\$	4	\$	0	\$	0	\$	0	\$	4
Umbrella Liability	\$	3	21	\$	3	\$	0	\$	0	\$	0	\$	3
State Fees	\$	14,140	21	\$	12,875	\$	360	\$	859	\$	47	\$	14,140
Computer Hardware (<\$25,000)	\$	1	21	\$	1	\$	0	\$	0	\$	0	\$	1
Uniform Rental & Services	\$	63	21	\$	57	\$	2	\$	4	\$	0	\$	63
Outside Training	\$	525	21	\$	478	\$	13	\$	32	\$	2	\$	525
In-House Training	\$	189	21	\$	172	\$	5	\$	11	\$	1	\$	189
Other Repair & Maint Supplies	\$	0	21	\$	0	\$	0	\$	0	\$	0	\$	0
Equipment Rental & Leases	\$	1	21	\$	1	\$	0	\$	0	\$	0	\$	1
Subtotal Treatment	\$	99,639		\$	90,723	\$	2,534	\$	6,051	\$	331	\$	99,639
General													
Medical Premiums	\$	14,567	21	\$	13,264	\$	370	\$	885	\$	48	\$	14,567
Employee Insurance Contributions	\$	(17,589)	21	\$	(16,015)	\$	(447)	\$	(1,068)	\$	(58)	\$	(17,589)
Compensated Absences	\$	38,010	21	\$	34,609	\$	967	\$	2,308	\$	126	\$	38,010
Pension Expense	\$	91,627	21	\$	83,428	\$	2,330	\$	5,564	\$	305	\$	91,627
Legal Notices	\$	206	21	\$	187	\$	5	\$	12	\$	1	\$	206
Legal Services	\$	184,803	21	\$	168,267	\$	4,700	\$	11,222	\$	615	\$	184,803
Audit Services	\$	12,000	21	\$	10,926	\$	305	\$	729	\$	40	\$	12,000
Other Contractual Services	\$	120,651	21	\$	109,855	\$	3,069	\$	7,326	\$	401	\$	120,651
Admin Services Provided to Other Funds	\$	1,081,927	21	\$	985,113	\$	27,517	\$	65,699	\$	3,598	\$	1,081,927
Paying Agent & Other Debt Fees	\$	653	21	\$	594	\$	17	\$	40	\$	2	\$	653
Dues For Membership	\$	30	21	\$	27	\$	1	\$	2	\$	0	\$	30
Engineering Services	\$	2,750	21	\$	2,504	\$	70	\$	167	\$	9	\$	2,750
Permits	\$	950	21	\$	865	\$	24	\$	58	\$	3	\$	950
Consultant Services	\$	35,249	21	\$	32,095	\$	896	\$	2,140	\$	117	\$	35,249
Repair to Lines	\$	45,408	21	\$	41,345	\$	1,155	\$	2,757	\$	151	\$	45,408
Easements Acquired (<\$25,000)	\$	23,000	21	\$	20,942	\$	585	\$	1,397	\$	76	\$	23,000
State Fees	\$	1,175	21	\$	1,070	\$	30	\$	71	\$	4	\$	1,175
Recording & Filing Fees	\$	(18,546)	21	\$	(16,887)	\$	(472)	\$	(1,126)	\$	(62)	\$	(18,546)
e-Commerce	\$	5	21	\$	5	\$	0	\$	0	\$	0	\$	5
Transfer to Debt Service Fund	\$	13,093	21	\$	11,922	\$	333	\$	795	\$	44	\$	13,093
Subtotal General	\$	1,629,968		\$	1,484,114	\$	41,455	\$	98,978	\$	5,421	\$	1,629,968
Total Operating Expenses	\$	3,181,068		\$	2,896,418	\$	80,904	\$	193,167	\$	10,579	\$	3,181,068

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Allocation of Strength Expenses
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	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Total
Utility Billing & Admin						
Utility Billing	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Admin	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Utility Billing & Admin	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Collection						
Regular Pay	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Overtime Pay	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
FICA (Employer's Share)	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Medical Premiums	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Group Insurance Premiums	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Employee Insurance Contributions	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Retirement Contributions	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Defined Contrib Match	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Workers Compensation	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Mailing & Outbound Shipping	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Freight For Inbound Purchased Items	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Licenses & Titles	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Testing & Physicals	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Landfill & Biosolids Management	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Dues For Memberships	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Publications, Non-Training	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Electric Service	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Water & Sewer Service	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater Service	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Solid Waste Service	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Natural Gas Service	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Telephone Service	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Cellular Telephone Service	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Network Service including Internet Connection	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Consultant Services	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Repair & Maintenance Services	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Repair & Maintenance Services	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Building Maintenance Services	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Pump Station Repair Services	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Employee Recognition/Receptions	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Outside Training	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
In-House Training	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Ground Transportation (Travel)	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Lodging	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Meals (Outside Williamson County)	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Office Supplies	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Meals & Food (Inside Williamson County)	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Medical Supplies	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Safety Supplies	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Uniforms Purchased	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Consumable Tools	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Other Operating Supplies	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Gasoline & Diesel For Fleet (Non-Travel)	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicles (<\$25,000)	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Machinery & Equipment (<\$25,000)	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Computer Hardware (<\$25,000)	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Computer Software (<\$25,000)	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Parts & Supplies	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Parts & Supplies	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Paving & Repair Supplies	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Landscaping Supplies	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Building Maintenance Supplies	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Repair to Lines Supplies	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Pump Station Repair Supplies	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Property & Liability Insurance	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Inland Marine Coverage	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Auto Physical Damage	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Liability Insurance	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Liability Insurance	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Umbrella Liability	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Liab Claims/Deductibles	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Land Use Rental	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Rental & Leases	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
State Fees	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Operating-Lease/Loan Intere-Sewer Collection	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Printing & Copying Expenses, Outsourced	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Legal Notices	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Employee Wellness Program	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Other Contractual Services	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Repair to Lines	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Other Repair & Maintenance Services	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Easements Acquired (<\$25,000)	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
e-Commerce Fees	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Grounds Maintenance Supplies	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Furniture, Fixtures (<\$25,000)	\$ - 40	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Collection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Treatment							
Regular Pay	\$152,941	40	\$ 98,871	\$ 2,087	\$ 49,702	\$ 2,279	\$152,941
Overtime Pay	\$ 7,445	40	\$ 4,813	\$ 102	\$ 2,420	\$ 111	\$ 7,445
FICA (Employer's Share)	\$ 11,416	40	\$ 7,380	\$ 156	\$ 3,710	\$ 170	\$ 11,416
Medical Premiums	\$ 46,702	40	\$ 30,192	\$ 637	\$ 15,177	\$ 696	\$ 46,702
Group Insurance Premiums	\$ 3,385	40	\$ 2,188	\$ 46	\$ 1,100	\$ 50	\$ 3,385
Employee Insurance Contributions	\$ (10,852)	40	\$ (7,016)	\$ (148)	\$ (3,527)	\$ (162)	\$ (10,852)
Retirement Contributions	\$ 20,850	40	\$ 13,479	\$ 285	\$ 6,776	\$ 311	\$ 20,850
Defined Contrib Match	\$ 1,450	40	\$ 938	\$ 20	\$ 471	\$ 22	\$ 1,450
Unemployment Claims	\$ (164)	40	\$ (106)	\$ (2)	\$ (53)	\$ (2)	\$ (164)
Workers Compensation	\$ 1,550	40	\$ 1,002	\$ 21	\$ 504	\$ 23	\$ 1,550
Workers Comp Claims (Self Insured)	\$ (2,291)	40	\$ (1,481)	\$ (31)	\$ (745)	\$ (34)	\$ (2,291)
Mailing & Outbound Shipping	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Freight For Inbound Purchased Items	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicle Licenses & Titles	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Testing & Physicals	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Landfill & Biosolids Management	\$ 91,036	40	\$ 58,852	\$ 1,242	\$ 29,585	\$ 1,357	\$ 91,036
Lab Fees	\$ 9,726	40	\$ 6,287	\$ 133	\$ 3,161	\$ 145	\$ 9,726
Other Operating Services	\$ 9	40	\$ 6	\$ 0	\$ 3	\$ 0	\$ 9
Dues For Memberships	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Public Relations & Education (City Sponsored)	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Electric Service	\$223,283	40	\$144,345	\$ 3,047	\$ 72,562	\$ 3,328	\$223,283
Solar Array	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Water & Sewer Service	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Stormwater Service	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Solid Waste Service	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Natural Gas Service	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Telephone Service	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Cellular Telephone Service	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Consultant Services	\$ 7,832	40	\$ 5,063	\$ 107	\$ 2,545	\$ 117	\$ 7,832
Other Contractual Services	\$ 1,501	40	\$ 970	\$ 20	\$ 488	\$ 22	\$ 1,501
Vehicle Repair & Maintenance Services	\$ 4,996	40	\$ 3,230	\$ 68	\$ 1,623	\$ 74	\$ 4,996
Equipment Repair & Maintenance Services	\$ 31,686	40	\$ 20,484	\$ 432	\$ 10,297	\$ 472	\$ 31,686
Building Maintenance Services	\$ 9,630	40	\$ 6,226	\$ 131	\$ 3,130	\$ 144	\$ 9,630
Employee Recognition/Receptions	\$ 27	40	\$ 17	\$ 0	\$ 9	\$ 0	\$ 27
Registrations	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Ground Transportation (Travel)	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Air Travel	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Lodging	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Meals (Outside Williamson County)	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Office Supplies	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Employee Benevolence Items	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Meals & Food (Inside Williamson County)	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Lab Chemicals & Supplies	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Odor Control Chemicals	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Medical Supplies	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Safety Supplies	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Uniforms Purchased	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Other Operating Supplies	\$ 801	40	\$ 518	\$ 11	\$ 260	\$ 12	\$ 801
Gasoline & Diesel For Fleet (Non-Travel)	\$ 4,379	40	\$ 2,831	\$ 60	\$ 1,423	\$ 65	\$ 4,379
Furniture, Fixtures (<\$25,000)	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Machinery & Equipment (<\$25,000)	\$ 6,564	40	\$ 4,243	\$ 90	\$ 2,133	\$ 98	\$ 6,564
Vehicle Parts & Supplies	\$ 252	40	\$ 163	\$ 3	\$ 82	\$ 4	\$ 252
Equipment Parts & Supplies	\$ 27,280	40	\$ 17,636	\$ 372	\$ 8,866	\$ 407	\$ 27,280
Grounds Maintenance Supplies	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Building Maintenance Supplies	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Property & Liability Insurance	\$ 16,393	40	\$ 10,598	\$ 224	\$ 5,328	\$ 244	\$ 16,393
Inland Marine Coverage	\$ 124	40	\$ 80	\$ 2	\$ 40	\$ 2	\$ 124
Auto Physical Damage	\$ 109	40	\$ 71	\$ 1	\$ 35	\$ 2	\$ 109
Liability Insurance	\$ 2,962	40	\$ 1,915	\$ 40	\$ 962	\$ 44	\$ 2,962
Vehicle Liability Insurance	\$ 829	40	\$ 536	\$ 11	\$ 270	\$ 12	\$ 829
Umbrella Liability	\$ 560	40	\$ 362	\$ 8	\$ 182	\$ 8	\$ 560
State Fees	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Computer Hardware (<\$25,000)	\$ 237	40	\$ 153	\$ 3	\$ 77	\$ 4	\$ 237
Uniform Rental & Services	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Outside Training	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
In-House Training	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Other Repair & Maint Supplies	\$ 15	40	\$ 10	\$ 0	\$ 5	\$ 0	\$ 15
Equipment Rental & Leases	\$ 167	40	\$ 108	\$ 2	\$ 54	\$ 2	\$ 167
Subtotal Treatment	\$672,830		\$434,964	\$ 9,183	\$218,655	\$10,027	\$672,830

General															
Medical Premiums	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Employee Insurance Contributions	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Compensated Absences	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Pension Expense	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Legal Notices	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Legal Services	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Audit Services	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Other Contractual Services	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Admin Services Provided to Other Funds	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Paying Agent & Other Debt Fees	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Dues For Membership	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Engineering Services	\$	1,077	40	\$	696	\$	15	\$	350	\$	16	\$	1,077		
Permits	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Consultant Services	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Repair to Lines	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Easements Acquired (<\$25,000)	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
State Fees	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Recording & Filing Fees	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
e-Commerce	\$	-	40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Transfer to Debt Service Fund	\$	5,130	40	\$	3,316	\$	70	\$	1,667	\$	76	\$	5,130		
Subtotal General	\$	6,207		\$	4,013	\$	85	\$	2,017	\$	93	\$	6,207		
Total Operating Expenses	\$	679,037		\$	438,977	\$	9,267	\$	220,673	\$	10,120	\$	679,037		

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Allocation of Operating Expenses
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	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Total
Utility Billing & Admin						
Utility Billing	\$ 106,051	\$ 96,561	\$ 2,697	\$ 6,440	\$ 353	\$ 106,051
Utility Admin	\$ 618,225	\$ 562,905	\$ 15,723	\$ 37,541	\$ 2,056	\$ 618,225
Subtotal Utility Billing & Admin	\$ 724,276	\$ 659,466	\$ 18,421	\$ 43,981	\$ 2,409	\$ 724,276
Collection						
Regular Pay	\$ 908,666	\$ 629,460	\$ 14,277	\$ 253,229	\$ 11,699	\$ 908,666
Overtime Pay	\$ 79,871	\$ 55,329	\$ 1,255	\$ 22,259	\$ 1,028	\$ 79,871
FICA (Employer's Share)	\$ 71,486	\$ 49,521	\$ 1,123	\$ 19,922	\$ 920	\$ 71,486
Medical Premiums	\$ 271,608	\$ 188,151	\$ 4,268	\$ 75,692	\$ 3,497	\$ 271,608
Group Insurance Premiums	\$ 18,964	\$ 13,137	\$ 298	\$ 5,285	\$ 244	\$ 18,964
Employee Insurance Contributions	\$ (85,592)	\$ (59,292)	\$ (1,345)	\$ (23,853)	\$ (1,102)	\$ (85,592)
Retirement Contributions	\$ 121,520	\$ 84,181	\$ 1,909	\$ 33,865	\$ 1,565	\$ 121,520
Defined Contrib Match	\$ 12,326	\$ 8,538	\$ 194	\$ 3,435	\$ 159	\$ 12,326
Workers Compensation	\$ 10,555	\$ 7,312	\$ 166	\$ 2,941	\$ 136	\$ 10,555
Mailing & Outbound Shipping	\$ 71	\$ 65	\$ 2	\$ 4	\$ 0	\$ 71
Freight For Inbound Purchased Items	\$ 70	\$ 64	\$ 2	\$ 4	\$ 0	\$ 70
Vehicle Licenses & Titles	\$ 171	\$ 156	\$ 4	\$ 10	\$ 1	\$ 171
Testing & Physicals	\$ 686	\$ 625	\$ 17	\$ 42	\$ 2	\$ 686
Landfill & Biosolids Management	\$ 4,012	\$ 2,780	\$ 63	\$ 1,118	\$ 52	\$ 4,012
Dues For Memberships	\$ 95	\$ 86	\$ 2	\$ 6	\$ 0	\$ 95
Publications, Non-Training	\$ 195	\$ 177	\$ 5	\$ 12	\$ 1	\$ 195
Electric Service	\$ 127,285	\$ 88,174	\$ 2,000	\$ 35,472	\$ 1,639	\$ 127,285
Water & Sewer Service	\$ 2,317	\$ 2,109	\$ 59	\$ 141	\$ 8	\$ 2,317
Stormwater Service	\$ 680	\$ 620	\$ 17	\$ 41	\$ 2	\$ 680
Solid Waste Service	\$ 2,688	\$ 2,447	\$ 68	\$ 163	\$ 9	\$ 2,688
Natural Gas Service	\$ 2,929	\$ 2,667	\$ 75	\$ 178	\$ 10	\$ 2,929
Telephone Service	\$ 578	\$ 527	\$ 15	\$ 35	\$ 2	\$ 578
Cellular Telephone Service	\$ 9,356	\$ 8,519	\$ 238	\$ 568	\$ 31	\$ 9,356
Network Service including Internet Connection	\$ 1,382	\$ 1,259	\$ 35	\$ 84	\$ 5	\$ 1,382
Consultant Services	\$ 2,000	\$ 1,385	\$ 31	\$ 557	\$ 26	\$ 2,000
Vehicle Repair & Maintenance Services	\$ 41,545	\$ 28,780	\$ 653	\$ 11,578	\$ 535	\$ 41,545
Equipment Repair & Maintenance Services	\$ 13,087	\$ 9,066	\$ 206	\$ 3,647	\$ 168	\$ 13,087
Building Maintenance Services	\$ 209	\$ 145	\$ 3	\$ 58	\$ 3	\$ 209
Pump Station Repair Services	\$ 28,830	\$ 19,972	\$ 453	\$ 8,035	\$ 371	\$ 28,830
Employee Recognition/Receptions	\$ 214	\$ 194	\$ 5	\$ 13	\$ 1	\$ 214
Outside Training	\$ 1,405	\$ 1,279	\$ 36	\$ 85	\$ 5	\$ 1,405
In-House Training	\$ 168	\$ 153	\$ 4	\$ 10	\$ 1	\$ 168
Ground Transportation (Travel)	\$ 397	\$ 362	\$ 10	\$ 24	\$ 1	\$ 397
Lodging	\$ 291	\$ 265	\$ 7	\$ 18	\$ 1	\$ 291
Meals (Outside Williamson County)	\$ 357	\$ 325	\$ 9	\$ 22	\$ 1	\$ 357
Office Supplies	\$ 690	\$ 628	\$ 18	\$ 42	\$ 2	\$ 690
Meals & Food (Inside Williamson County)	\$ 1,714	\$ 1,560	\$ 44	\$ 104	\$ 6	\$ 1,714
Medical Supplies	\$ 401	\$ 365	\$ 10	\$ 24	\$ 1	\$ 401
Safety Supplies	\$ 13,026	\$ 11,861	\$ 331	\$ 791	\$ 43	\$ 13,026
Uniforms Purchased	\$ 8,091	\$ 7,367	\$ 206	\$ 491	\$ 27	\$ 8,091
Consumable Tools	\$ 6,205	\$ 4,298	\$ 97	\$ 1,729	\$ 80	\$ 6,205
Other Operating Supplies	\$ 6,031	\$ 4,178	\$ 95	\$ 1,681	\$ 78	\$ 6,031
Gasoline & Diesel For Fleet (Non-Travel)	\$ 32,681	\$ 22,639	\$ 513	\$ 9,108	\$ 421	\$ 32,681
Vehicles (<\$25,000)	\$ 40,788	\$ 28,255	\$ 641	\$ 11,367	\$ 525	\$ 40,788
Machinery & Equipment (<\$25,000)	\$ 43,181	\$ 29,913	\$ 678	\$ 12,034	\$ 556	\$ 43,181
Computer Hardware (<\$25,000)	\$ 358	\$ 248	\$ 6	\$ 100	\$ 5	\$ 358
Computer Software (<\$25,000)	\$ 5,250	\$ 3,637	\$ 82	\$ 1,463	\$ 68	\$ 5,250
Vehicle Parts & Supplies	\$ 1,536	\$ 1,064	\$ 24	\$ 428	\$ 20	\$ 1,536
Equipment Parts & Supplies	\$ 11,819	\$ 8,187	\$ 186	\$ 3,294	\$ 152	\$ 11,819
Paving & Repair Supplies	\$ 190,582	\$ 173,528	\$ 4,847	\$ 11,573	\$ 634	\$ 190,582
Landscaping Supplies	\$ 282	\$ 257	\$ 7	\$ 17	\$ 1	\$ 282
Building Maintenance Supplies	\$ 7,341	\$ 6,684	\$ 187	\$ 446	\$ 24	\$ 7,341
Repair to Lines Supplies	\$ 152,510	\$ 105,648	\$ 2,396	\$ 42,502	\$ 1,964	\$ 152,510
Pump Station Repair Supplies	\$ 51,412	\$ 35,614	\$ 808	\$ 14,328	\$ 662	\$ 51,412
Property & Liability Insurance	\$ 18,445	\$ 12,777	\$ 290	\$ 5,140	\$ 237	\$ 18,445
Inland Marine Coverage	\$ 3,850	\$ 2,667	\$ 60	\$ 1,073	\$ 50	\$ 3,850
Auto Physical Damage	\$ 1,942	\$ 1,345	\$ 31	\$ 541	\$ 25	\$ 1,942
Liability Insurance	\$ 7,647	\$ 5,297	\$ 120	\$ 2,131	\$ 98	\$ 7,647
Vehicle Liability Insurance	\$ 10,787	\$ 7,472	\$ 169	\$ 3,006	\$ 139	\$ 10,787
Umbrella Liability	\$ 1,446	\$ 1,002	\$ 23	\$ 403	\$ 19	\$ 1,446
Vehicle Liab Claims/Deductibles	\$ (257)	\$ (178)	\$ (4)	\$ (71)	\$ (3)	\$ (257)
Land Use Rental	\$ 250	\$ 173	\$ 4	\$ 70	\$ 3	\$ 250
Equipment Rental & Leases	\$ 4,736	\$ 3,281	\$ 74	\$ 1,320	\$ 61	\$ 4,736
State Fees	\$ 2,141	\$ 1,949	\$ 54	\$ 130	\$ 7	\$ 2,141
Sewer Operating-Lease/Loan Intere-Sewer Collection	\$ 21,575	\$ 14,946	\$ 339	\$ 6,013	\$ 278	\$ 21,575
Printing & Copying Expenses, Outsourced	\$ 195	\$ 178	\$ 5	\$ 12	\$ 1	\$ 195
Legal Notices	\$ 185	\$ 168	\$ 5	\$ 11	\$ 1	\$ 185
Employee Wellness Program	\$ 397	\$ 362	\$ 10	\$ 24	\$ 1	\$ 397
Other Contractual Services	\$ 107,264	\$ 97,665	\$ 2,728	\$ 6,513	\$ 357	\$ 107,264
Repair to Lines	\$ 31,108	\$ 21,549	\$ 489	\$ 8,669	\$ 401	\$ 31,108
Other Repair & Maintenance Services	\$ 9,840	\$ 6,816	\$ 155	\$ 2,742	\$ 127	\$ 9,840
Easements Acquired (<\$25,000)	\$ 24,500	\$ 16,972	\$ 385	\$ 6,828	\$ 315	\$ 24,500
e-Commerce Fees	\$ 8	\$ 7	\$ 0	\$ 0	\$ 0	\$ 8
Grounds Maintenance Supplies	\$ 267	\$ 243	\$ 7	\$ 16	\$ 1	\$ 267
Furniture, Fixtures (<\$25,000)	\$ 180	\$ 164	\$ 5	\$ 11	\$ 1	\$ 180
Subtotal Collection	\$2,470,826	\$1,789,326	\$ 42,291	\$ 610,804	\$28,405	\$2,470,826

Treatment						
Regular Pay	\$ 757,675	\$ 490,018	\$ 10,350	\$ 246,024	\$ 11,283	\$ 757,675
Overtime Pay	\$ 36,885	\$ 23,855	\$ 504	\$ 11,977	\$ 549	\$ 36,885
FICA (Employer's Share)	\$ 56,554	\$ 36,576	\$ 773	\$ 18,364	\$ 842	\$ 56,554
Medical Premiums	\$ 231,366	\$ 149,634	\$ 3,160	\$ 75,127	\$ 3,445	\$ 231,366
Group Insurance Premiums	\$ 16,769	\$ 10,845	\$ 229	\$ 5,445	\$ 250	\$ 16,769
Employee Insurance Contributions	\$ (53,764)	\$ (34,771)	\$ (734)	\$ (17,458)	\$ (801)	\$ (53,764)
Retirement Contributions	\$ 103,292	\$ 66,803	\$ 1,411	\$ 33,540	\$ 1,538	\$ 103,292
Defined Contrib Match	\$ 7,185	\$ 4,647	\$ 98	\$ 2,333	\$ 107	\$ 7,185
Unemployment Claims	\$ (814)	\$ (526)	\$ (11)	\$ (264)	\$ (12)	\$ (814)
Workers Compensation	\$ 7,678	\$ 4,966	\$ 105	\$ 2,493	\$ 114	\$ 7,678
Workers Comp Claims (Self Insured)	\$ (11,349)	\$ (7,340)	\$ (155)	\$ (3,685)	\$ (169)	\$ (11,349)
Mailing & Outbound Shipping	\$ 526	\$ 479	\$ 13	\$ 32	\$ 2	\$ 526
Freight For Inbound Purchased Items	\$ 6,459	\$ 5,881	\$ 164	\$ 392	\$ 21	\$ 6,459
Vehicle Licenses & Titles	\$ 45	\$ 41	\$ 1	\$ 3	\$ 0	\$ 45
Testing & Physicals	\$ 959	\$ 874	\$ 24	\$ 58	\$ 3	\$ 959
Landfill & Biosolids Management	\$ 450,999	\$ 291,679	\$ 6,161	\$ 146,444	\$ 6,716	\$ 450,999
Lab Fees	\$ 48,181	\$ 31,160	\$ 658	\$ 15,645	\$ 717	\$ 48,181
Other Operating Services	\$ 44	\$ 28	\$ 1	\$ 14	\$ 1	\$ 44
Dues For Memberships	\$ 744	\$ 677	\$ 19	\$ 45	\$ 2	\$ 744
Public Relations & Education (City Sponsored)	\$ 228	\$ 208	\$ 6	\$ 14	\$ 1	\$ 228
Electric Service	\$ 1,106,152	\$ 715,392	\$ 15,110	\$ 359,178	\$ 16,472	\$ 1,106,152
Solar Array	\$ (27,432)	\$ (24,978)	\$ (698)	\$ (1,666)	\$ (91)	\$ (27,432)
Water & Sewer Service	\$ 25,035	\$ 22,795	\$ 637	\$ 1,520	\$ 83	\$ 25,035
Stormwater Service	\$ 5,008	\$ 4,560	\$ 127	\$ 304	\$ 17	\$ 5,008
Solid Waste Service	\$ 6,360	\$ 5,791	\$ 162	\$ 386	\$ 21	\$ 6,360
Natural Gas Service	\$ 7,261	\$ 6,611	\$ 185	\$ 441	\$ 24	\$ 7,261
Telephone Service	\$ 2,340	\$ 2,131	\$ 60	\$ 142	\$ 8	\$ 2,340
Cellular Telephone Service	\$ 2,540	\$ 2,312	\$ 65	\$ 154	\$ 8	\$ 2,540
Consultant Services	\$ 38,800	\$ 25,093	\$ 530	\$ 12,599	\$ 578	\$ 38,800
Other Contractual Services	\$ 7,435	\$ 4,809	\$ 102	\$ 2,414	\$ 111	\$ 7,435
Vehicle Repair & Maintenance Services	\$ 24,748	\$ 16,006	\$ 338	\$ 8,036	\$ 369	\$ 24,748
Equipment Repair & Maintenance Services	\$ 156,975	\$ 101,522	\$ 2,144	\$ 50,971	\$ 2,338	\$ 156,975
Building Maintenance Services	\$ 47,709	\$ 30,855	\$ 652	\$ 15,492	\$ 710	\$ 47,709
Employee Recognition/Receptions	\$ 134	\$ 86	\$ 2	\$ 43	\$ 2	\$ 134
Registrations	\$ 2,830	\$ 2,577	\$ 72	\$ 172	\$ 9	\$ 2,830
Ground Transportation (Travel)	\$ 240	\$ 218	\$ 6	\$ 15	\$ 1	\$ 240
Air Travel	\$ 335	\$ 305	\$ 9	\$ 20	\$ 1	\$ 335
Lodging	\$ 1,013	\$ 922	\$ 26	\$ 61	\$ 3	\$ 1,013
Meals (Outside Williamson County)	\$ 350	\$ 319	\$ 9	\$ 21	\$ 1	\$ 350
Office Supplies	\$ 2,678	\$ 2,438	\$ 68	\$ 163	\$ 9	\$ 2,678
Employee Benevolence Items	\$ 31	\$ 28	\$ 1	\$ 2	\$ 0	\$ 31
Meals & Food (Inside Williamson County)	\$ 388	\$ 353	\$ 10	\$ 24	\$ 1	\$ 388
Lab Chemicals & Supplies	\$ 185,462	\$ 119,896	\$ 2,531	\$ 60,271	\$ 2,764	\$ 185,462
Odor Control Chemicals	\$ 43,042	\$ 27,825	\$ 587	\$ 13,988	\$ 641	\$ 43,042
Medical Supplies	\$ 399	\$ 363	\$ 10	\$ 24	\$ 1	\$ 399
Safety Supplies	\$ 12,910	\$ 11,755	\$ 328	\$ 784	\$ 43	\$ 12,910
Uniforms Purchased	\$ 4,591	\$ 4,180	\$ 117	\$ 279	\$ 15	\$ 4,591
Other Operating Supplies	\$ 3,966	\$ 2,565	\$ 54	\$ 1,288	\$ 59	\$ 3,966
Gasoline & Diesel For Fleet (Non-Travel)	\$ 21,694	\$ 14,030	\$ 296	\$ 7,044	\$ 323	\$ 21,694
Furniture, Fixtures (<\$25,000)	\$ 1,226	\$ 1,117	\$ 31	\$ 74	\$ 4	\$ 1,226
Machinery & Equipment (<\$25,000)	\$ 32,516	\$ 21,030	\$ 444	\$ 10,558	\$ 484	\$ 32,516
Vehicle Parts & Supplies	\$ 1,250	\$ 808	\$ 17	\$ 406	\$ 19	\$ 1,250
Equipment Parts & Supplies	\$ 135,149	\$ 87,406	\$ 1,846	\$ 43,884	\$ 2,013	\$ 135,149
Grounds Maintenance Supplies	\$ 1,115	\$ 1,015	\$ 28	\$ 68	\$ 4	\$ 1,115
Building Maintenance Supplies	\$ 23,142	\$ 21,071	\$ 589	\$ 1,405	\$ 77	\$ 23,142
Property & Liability Insurance	\$ 81,214	\$ 52,524	\$ 1,109	\$ 26,371	\$ 1,209	\$ 81,214
Inland Marine Coverage	\$ 615	\$ 398	\$ 8	\$ 200	\$ 9	\$ 615
Auto Physical Damage	\$ 541	\$ 350	\$ 7	\$ 176	\$ 8	\$ 541
Liability Insurance	\$ 14,672	\$ 9,489	\$ 200	\$ 4,764	\$ 218	\$ 14,672
Vehicle Liability Insurance	\$ 4,109	\$ 2,658	\$ 56	\$ 1,334	\$ 61	\$ 4,109
Umbrella Liability	\$ 2,774	\$ 1,794	\$ 38	\$ 901	\$ 41	\$ 2,774
State Fees	\$ 14,140	\$ 12,875	\$ 360	\$ 859	\$ 47	\$ 14,140
Computer Hardware (<\$25,000)	\$ 1,173	\$ 759	\$ 16	\$ 381	\$ 17	\$ 1,173
Uniform Rental & Services	\$ 63	\$ 57	\$ 2	\$ 4	\$ 0	\$ 63
Outside Training	\$ 525	\$ 478	\$ 13	\$ 32	\$ 2	\$ 525
In-House Training	\$ 189	\$ 172	\$ 5	\$ 11	\$ 1	\$ 189
Other Repair & Maint Supplies	\$ 76	\$ 49	\$ 1	\$ 25	\$ 1	\$ 76
Equipment Rental & Leases	\$ 826	\$ 534	\$ 11	\$ 268	\$ 12	\$ 826
Subtotal Treatment	\$ 3,657,971	\$ 2,391,077	\$ 51,097	\$ 1,162,433	\$ 53,363	\$ 3,657,971
General						
Medical Premiums	\$ 14,567	\$ 13,264	\$ 370	\$ 885	\$ 48	\$ 14,567
Employee Insurance Contributions	\$ (17,589)	\$ (16,015)	\$ (447)	\$ (1,068)	\$ (58)	\$ (17,589)
Compensated Absences	\$ 38,010	\$ 34,609	\$ 967	\$ 2,308	\$ 126	\$ 38,010
Pension Expense	\$ 91,627	\$ 83,428	\$ 2,330	\$ 5,564	\$ 305	\$ 91,627
Legal Notices	\$ 206	\$ 187	\$ 5	\$ 12	\$ 1	\$ 206
Legal Services	\$ 184,803	\$ 168,267	\$ 4,700	\$ 11,222	\$ 615	\$ 184,803
Audit Services	\$ 12,000	\$ 10,926	\$ 305	\$ 729	\$ 40	\$ 12,000
Other Contractual Services	\$ 120,651	\$ 109,855	\$ 3,069	\$ 7,326	\$ 401	\$ 120,651
Admin Services Provided to Other Funds	\$ 1,081,927	\$ 985,113	\$ 27,517	\$ 65,699	\$ 3,598	\$ 1,081,927
Paying Agent & Other Debt Fees	\$ 653	\$ 594	\$ 17	\$ 40	\$ 2	\$ 653
Dues For Membership	\$ 30	\$ 27	\$ 1	\$ 2	\$ 0	\$ 30
Engineering Services	\$ 21,000	\$ 14,302	\$ 319	\$ 6,098	\$ 281	\$ 21,000
Permits	\$ 950	\$ 865	\$ 24	\$ 58	\$ 3	\$ 950
Consultant Services	\$ 35,249	\$ 32,095	\$ 896	\$ 2,140	\$ 117	\$ 35,249
Repair to Lines	\$ 45,408	\$ 41,345	\$ 1,155	\$ 2,757	\$ 151	\$ 45,408
Easements Acquired (<\$25,000)	\$ 23,000	\$ 20,942	\$ 585	\$ 1,397	\$ 76	\$ 23,000
State Fees	\$ 1,175	\$ 1,070	\$ 30	\$ 71	\$ 4	\$ 1,175
Recording & Filing Fees	\$ (18,546)	\$ (16,887)	\$ (472)	\$ (1,126)	\$ (62)	\$ (18,546)
e-Commerce	\$ 5	\$ 5	\$ 0	\$ 0	\$ 0	\$ 5
Transfer to Debt Service Fund	\$ 100,000	\$ 68,104	\$ 1,519	\$ 29,038	\$ 1,339	\$ 100,000
Subtotal General	\$ 1,735,126	\$ 1,552,095	\$ 42,890	\$ 133,152	\$ 6,988	\$ 1,735,126
Total Operating Expenses	\$ 8,588,198	\$ 6,391,965	\$ 154,699	\$ 1,950,371	\$ 91,164	\$ 8,588,198
		74%	2%	23%	1%	100%

Debt Service

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Classification of Debt Service

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	<u>Actual</u>	<u>Adj.</u>	<u>Test Yr.</u>	<u>Vol</u>	<u>Cust</u>	<u>Load</u>	<u>Total</u>	<u>Description</u>	<u>Vol</u>	<u>Cust</u>	<u>Load</u>	<u>Total</u>
Principal and Interest Expense												
2005 Refunding	\$ 1,187,650		\$ 1,187,650	82%	13%	5%	100%	As Outside Plt *	\$ 971,223	\$ 155,501	\$ 60,926	\$ 1,187,650
2011 Refunding	\$ 16,234		\$ 16,234	82%	13%	5%	100%	As Outside Plt *	\$ 13,276	\$ 2,126	\$ 833	\$ 16,234
ARRA Loan	\$ 56,201		\$ 56,201	82%	13%	5%	100%	As Outside Plt *	\$ 45,959	\$ 7,359	\$ 2,883	\$ 56,201
Subtotal Principal and Interest Expense	<u>\$ 1,260,085</u>	<u>\$ -</u>	<u>\$ 1,260,085</u>						<u>\$ 1,030,458</u>	<u>\$ 164,985</u>	<u>\$ 64,642</u>	<u>\$ 1,260,085</u>
				82%	13%	5%						100%
Total Debt Service	<u>\$ 1,260,085</u>	<u>\$ -</u>	<u>\$ 1,260,085</u>						<u>\$ 1,030,458</u>	<u>\$ 164,985</u>	<u>\$ 64,642</u>	<u>\$ 1,260,085</u>
				82%	13%	5%						100%

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Allocation of Volume P&I

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	<u>Test Yr.</u>		Res-In	Res-Out	C/I-In	C/I-Out	Total
Principal and Interest Expense							
2005 Refunding	\$ 971,223	30	\$627,866	\$13,255	\$315,627	\$14,475	\$ 971,223
2011 Refunding	\$ 13,276	30	\$ 8,582	\$ 181	\$ 4,314	\$ 198	\$ 13,276
ARRA Loan	\$ 45,959	30	\$ 29,711	\$ 627	\$ 14,936	\$ 685	\$ 45,959
Subtotal Principal and Interest Expense	<u>\$1,030,458</u>		<u>\$666,160</u>	<u>\$14,063</u>	<u>\$334,877</u>	<u>\$15,357</u>	<u>\$1,030,458</u>
Total Debt Service	<u>\$1,030,458</u>		<u>\$666,160</u>	<u>\$14,063</u>	<u>\$334,877</u>	<u>\$15,357</u>	<u>\$1,030,458</u>

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Allocation of Customer P&I
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	<u>Test Yr.</u>		Res-In	Res-Out	C/I-In	C/I-Out	Total
Principal and Interest Expense							
2005 Refunding	\$155,501	21	\$141,587	\$3,955	\$9,443	\$517	\$155,501
2011 Refunding	\$2,126	21	\$1,935	\$54	\$129	\$7	\$2,126
ARRA Loan	\$7,359	21	\$6,700	\$187	\$447	\$24	\$7,359
Subtotal Principal and Interest Expense	<u>\$164,985</u>		<u>\$150,222</u>	<u>\$4,196</u>	<u>\$10,019</u>	<u>\$549</u>	<u>\$164,985</u>
Total Debt Service	<u>\$164,985</u>		<u>\$150,222</u>	<u>\$4,196</u>	<u>\$10,019</u>	<u>\$549</u>	<u>\$164,985</u>

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Allocation of Strength Revenue

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	<u>Test Yr.</u>		Res-In	Res-Out	C/I-In	C/I-Out	Total
Principal and Interest Expense							
2005 Refunding	\$60,926	40	\$39,387	\$ 831	\$19,800	\$ 908	\$60,926
2011 Refunding	\$ 833	40	\$ 538	\$ 11	\$ 271	\$ 12	\$ 833
ARRA Loan	\$ 2,883	40	\$ 1,864	\$ 39	\$ 937	\$ 43	\$ 2,883
Subtotal Principal and Interest Expense	<u>\$64,642</u>		<u>\$41,789</u>	<u>\$ 882</u>	<u>\$21,007</u>	<u>\$ 963</u>	<u>\$64,642</u>
Total Debt Service	<u>\$64,642</u>		<u>\$41,789</u>	<u>\$ 882</u>	<u>\$21,007</u>	<u>\$ 963</u>	<u>\$64,642</u>

City of Franklin, TN
 Sewer Cost of Service - 12-months Ending June 2017
 Allocation of P&I
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	<u>Test Yr.</u>	Res-In	Res-Out	C/I-In	C/I-Out	Total
Principal and Interest Expense						
2005 Refunding	\$ 1,187,650	\$808,840	\$ 18,041	\$ 344,869	\$ 15,900	\$ 1,187,650
2011 Refunding	\$ 16,234	\$ 11,056	\$ 247	\$ 4,714	\$ 217	\$ 16,234
ARRA Loan	\$ 56,201	\$ 38,275	\$ 854	\$ 16,320	\$ 752	\$ 56,201
Subtotal Principal and Interest Expense	<u>\$ 1,260,085</u>	<u>\$858,171</u>	<u>\$ 19,142</u>	<u>\$ 365,903</u>	<u>\$ 16,869</u>	<u>\$ 1,260,085</u>
Total Debt Service	<u>\$ 1,260,085</u>	<u>\$858,171</u>	<u>\$ 19,142</u>	<u>\$ 365,903</u>	<u>\$ 16,869</u>	<u>\$ 1,260,085</u>
		68%	2%	29%	1%	100%

Fixed Expenses

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Classification of Fixed Expenses
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	Actual	Adj.	Test Yr.	Vol	Cust	Load	Total	Description	Vol	Cust	Load	Total
Depreciation Expense												
Depreciation Expense	\$4,270,986		\$4,270,986	82%	13%	5%	100%	As NUP	* \$3,488,635	\$563,505	\$218,846	\$4,270,986
Subtotal Depreciation Expense	\$4,270,986	\$ -	\$4,270,986						\$3,488,635	\$563,505	\$218,846	\$4,270,986
				82%	13%	5%	100%					
Amortization												
Amortization of Bond Premium	\$ (3,397)		\$ (3,397)	82%	13%	5%	100%	As Debt Service	* \$ (2,778)	\$ (445)	\$ (174)	\$ (3,397)
Subtotal Other	\$ (3,397)	\$ -	\$ (3,397)						\$ (2,778)	\$ (445)	\$ (174)	\$ (3,397)
				82%	0%	0%	82%					
Total Fixed Expenses	\$4,267,589	\$ -	\$4,267,589						\$3,485,857	\$563,060	\$218,672	\$4,267,589

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Allocation of Volume Fixed Expenses

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	<u>Test Yr.</u>		Res-In	Res-Out	C/I-In	C/I-Out	Total
Depreciation Expense							
Depreciation Expense	\$3,488,635	30	\$2,255,298	\$47,612	\$1,133,733	\$51,993	\$3,488,635
Subtotal Depreciation Expense	<u>\$3,488,635</u>		<u>\$2,255,298</u>	<u>\$47,612</u>	<u>\$1,133,733</u>	<u>\$51,993</u>	<u>\$3,488,635</u>
Amortization							
Amortization of Bond Premium	\$ (2,778)	30	\$ (1,796)	\$ (38)	\$ (903)	\$ (41)	\$ (2,778)
Subtotal Other	<u>\$ (2,778)</u>		<u>\$ (1,796)</u>	<u>\$ (38)</u>	<u>\$ (903)</u>	<u>\$ (41)</u>	<u>\$ (2,778)</u>
Total Fixed Expenses	<u>\$3,485,857</u>		<u>\$2,253,502</u>	<u>\$47,574</u>	<u>\$1,132,830</u>	<u>\$51,951</u>	<u>\$3,485,857</u>

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Allocation of Customer Fixed Expenses
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	<u>Test Yr.</u>		Res-In	Res-Out	C/I-In	C/I-Out	Total
Depreciation Expense							
Depreciation Expense	\$ 563,505	21	\$ 513,081	\$ 14,332	\$ 34,218	\$ 1,874	\$ 563,505
Subtotal Depreciation Expense	<u>\$ 563,505</u>		<u>\$ 513,081</u>	<u>\$ 14,332</u>	<u>\$ 34,218</u>	<u>\$ 1,874</u>	<u>\$ 563,505</u>
Amortization							
Amortization of Bond Premium	\$ (445)	21	\$ (405)	\$ (11)	\$ (27)	\$ (1)	\$ (445)
Subtotal Other	<u>\$ (445)</u>		<u>\$ (405)</u>	<u>\$ (11)</u>	<u>\$ (27)</u>	<u>\$ (1)</u>	<u>\$ (445)</u>
Total Fixed Expenses	<u>\$ 563,060</u>		<u>\$ 512,676</u>	<u>\$ 14,320</u>	<u>\$ 34,191</u>	<u>\$ 1,872</u>	<u>\$ 563,060</u>

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Allocation of Strength Fixed Expenses
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	<u>Test Yr.</u>		Res-In	Res-Out	C/I-In	C/I-Out	Total
Depreciation Expense							
Depreciation Expense	\$ 218,846	40	\$ 141,478	\$ 2,987	\$ 71,120	\$ 3,262	\$ 218,846
Subtotal Depreciation Expense	<u>\$ 218,846</u>		<u>\$ 141,478</u>	<u>\$ 2,987</u>	<u>\$ 71,120</u>	<u>\$ 3,262</u>	<u>\$ 218,846</u>
Amortization							
Amortization of Bond Premium	\$ (174)	40	\$ (113)	\$ (2)	\$ (57)	\$ (3)	\$ (174)
Subtotal Other	<u>\$ (174)</u>		<u>\$ (113)</u>	<u>\$ (2)</u>	<u>\$ (57)</u>	<u>\$ (3)</u>	<u>\$ (174)</u>
Total Fixed Expenses	<u>\$ 218,672</u>		<u>\$ 141,365</u>	<u>\$ 2,984</u>	<u>\$ 71,064</u>	<u>\$ 3,259</u>	<u>\$ 218,672</u>

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Allocation of Fixed Expenses

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	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Total
Depreciation Expense						
Depreciation Expense	\$ 4,270,986	\$ 2,909,856	\$ 64,930	\$ 1,239,072	\$ 57,128	\$ 4,270,986
Subtotal Depreciation Expense	<u>\$ 4,270,986</u>	<u>\$ 2,909,856</u>	<u>\$ 64,930</u>	<u>\$ 1,239,072</u>	<u>\$ 57,128</u>	<u>\$ 4,270,986</u>
Amortization						
Amortization of Bond Premium	\$ (3,397)	\$ (2,313)	\$ (52)	\$ (986)	\$ (45)	\$ (3,397)
Subtotal Other	<u>\$ (3,397)</u>	<u>\$ (2,313)</u>	<u>\$ (52)</u>	<u>\$ (986)</u>	<u>\$ (45)</u>	<u>\$ (3,397)</u>
 Total Fixed Expenses						
	<u>\$ 4,267,589</u>	<u>\$ 2,907,543</u>	<u>\$ 64,879</u>	<u>\$ 1,238,085</u>	<u>\$ 57,083</u>	<u>\$ 4,267,589</u>
		68%	2%	29%	1%	100%

Capital Improvements

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Classification of CIP
[Main Menu](#)

	Actual	TYA	Growth	Test Yr.	Vol	Cust	Load	Total	Description	Vol	Cust	Load	Total	Total CIP	Growth R, R & Ext.	Growth	R, R & Ext.	Total
Capital Improvement Plan 2019 - 2025																		
Spencer Creek Sanitary Sewer Replacement	\$ 1,480,000		\$ -	\$ 1,480,000	82%	18%	0%	100%	As Coll PIt *	\$ 1,220,708	\$ 259,292	\$ -	\$ 1,480,000 *	\$ 1,480,000	0%	100%	\$ -	\$ 1,480,000
Sewer Interceptor Point Repair Projects (Contractor)	\$ 2,050,000		\$ -	\$ 2,050,000	82%	18%	0%	100%	As Coll PIt *	\$ 1,690,845	\$ 359,155	\$ -	\$ 2,050,000 *	\$ 2,050,000	0%	100%	\$ -	\$ 2,050,000
Sewer Lateral CIPP Rehab	\$ 350,000		\$ -	\$ 350,000	82%	18%	0%	100%	As Coll PIt *	\$ 288,681	\$ 61,319	\$ -	\$ 350,000 *	\$ 350,000	0%	100%	\$ -	\$ 350,000
Sewer Rehab On-Call Services (mains)	\$ 2,050,000		\$ -	\$ 2,050,000	82%	18%	0%	100%	As Coll PIt *	\$ 1,690,845	\$ 359,155	\$ -	\$ 2,050,000 *	\$ 2,050,000	0%	100%	\$ -	\$ 2,050,000
Rehabilitation of Moore's Lane and Hillsboro Road Pump Stations	\$ 102,730		\$ -	\$ 102,730	82%	18%	0%	100%	As Coll PIt *	\$ 84,732	\$ 17,998	\$ -	\$ 102,730 *	\$ 102,730	0%	100%	\$ -	\$ 102,730
Sewer Rehab On-Call Services (MH)	\$ 500,000		\$ -	\$ 500,000	82%	18%	0%	100%	As Coll PIt *	\$ 412,401	\$ 87,599	\$ -	\$ 500,000 *	\$ 500,000	0%	100%	\$ -	\$ 500,000
Southeast Municipal Complex	\$ 500,000		\$ -	\$ 500,000	82%	18%	0%	100%	As Coll PIt *	\$ 412,401	\$ 87,599	\$ -	\$ 500,000 *	\$ 500,000	0%	100%	\$ -	\$ 500,000
Mack Hatcher Alignment Sewer Design	\$ 7,850		\$ -	\$ 7,850	82%	18%	0%	100%	As Coll PIt *	\$ 6,475	\$ 1,375	\$ -	\$ 7,850 *	\$ 7,850	0%	100%	\$ -	\$ 7,850
Frazier Drive Sanitary Sewer Rehabilitation (P.F. Chang's)	\$ 50,000		\$ -	\$ 50,000	82%	18%	0%	100%	As Coll PIt *	\$ 41,240	\$ 8,760	\$ -	\$ 50,000 *	\$ 50,000	0%	100%	\$ -	\$ 50,000
Adams Street Infrastructure Improvements	\$ 810,000		\$ -	\$ 810,000	82%	18%	0%	100%	As Coll PIt *	\$ 668,090	\$ 141,910	\$ -	\$ 810,000 *	\$ 810,000	0%	100%	\$ -	\$ 810,000
Holiday Court Lift Station Rehabilitation	\$ 400,000		\$ -	\$ 400,000	82%	18%	0%	100%	As Coll PIt *	\$ 329,921	\$ 70,079	\$ -	\$ 400,000 *	\$ 400,000	0%	100%	\$ -	\$ 400,000
Church Street Infrastructure Improvements	\$ 235,000		\$ -	\$ 235,000	82%	18%	0%	100%	As Coll PIt *	\$ 193,829	\$ 41,171	\$ -	\$ 235,000 *	\$ 235,000	0%	100%	\$ -	\$ 235,000
Evans Street Sewer Improvements	\$ 452,500		\$ -	\$ 452,500	82%	18%	0%	100%	As Coll PIt *	\$ 373,223	\$ 79,277	\$ -	\$ 452,500 *	\$ 452,500	0%	100%	\$ -	\$ 452,500
New Hope Academy Sewer Line Replacement	\$ 50,000		\$ -	\$ 50,000	82%	18%	0%	100%	As Coll PIt *	\$ 41,240	\$ 8,760	\$ -	\$ 50,000 *	\$ 50,000	0%	100%	\$ -	\$ 50,000
East McEwen Drive Improvements - Phase 4	\$ 359,700		\$ -	\$ 359,700	82%	18%	0%	100%	As Coll PIt *	\$ 296,681	\$ 63,019	\$ -	\$ 359,700 *	\$ 359,700	0%	100%	\$ -	\$ 359,700
Forrest Street Infrastructure	\$ 217,500		\$ -	\$ 217,500	82%	18%	0%	100%	As Coll PIt *	\$ 179,395	\$ 38,105	\$ -	\$ 217,500 *	\$ 217,500	0%	100%	\$ -	\$ 217,500
Franklin Road Improvements & Streetscape	\$ 78,000		\$ -	\$ 78,000	82%	18%	0%	100%	As Coll PIt *	\$ 64,335	\$ 13,665	\$ -	\$ 78,000 *	\$ 78,000	0%	100%	\$ -	\$ 78,000
Gist Street Infrastructure Improvements	\$ 275,000		\$ -	\$ 275,000	82%	18%	0%	100%	As Coll PIt *	\$ 226,821	\$ 48,179	\$ -	\$ 275,000 *	\$ 275,000	0%	100%	\$ -	\$ 275,000
Natchez Street Sewer Replacement	\$ 720,000		\$ -	\$ 720,000	82%	18%	0%	100%	As Coll PIt *	\$ 593,858	\$ 126,142	\$ -	\$ 720,000 *	\$ 720,000	0%	100%	\$ -	\$ 720,000
Battle Avenue Infrastructure Replacement	\$ 1,285,000		\$ -	\$ 1,285,000	82%	18%	0%	100%	As Coll PIt *	\$ 1,059,871	\$ 225,129	\$ -	\$ 1,285,000 *	\$ 1,285,000	0%	100%	\$ -	\$ 1,285,000
Jordan Road Improvements	\$ 26,400		\$ -	\$ 26,400	82%	18%	0%	100%	As Coll PIt *	\$ 21,775	\$ 4,625	\$ -	\$ 26,400 *	\$ 26,400	0%	100%	\$ -	\$ 26,400
Mallory/N Royal Oaks & Liberty Intersection Imp.	\$ 112,600		\$ -	\$ 112,600	82%	18%	0%	100%	As Coll PIt *	\$ 92,873	\$ 19,727	\$ -	\$ 112,600 *	\$ 112,600	0%	100%	\$ -	\$ 112,600
S. Margin Infrastructure Upgrades (1st - Columbia)	\$ 643,000		\$ -	\$ 643,000	82%	18%	0%	100%	As Coll PIt *	\$ 530,348	\$ 112,652	\$ -	\$ 643,000 *	\$ 643,000	0%	100%	\$ -	\$ 643,000
Buckworth Infrastructure Improvements	\$ 20,000		\$ -	\$ 20,000	82%	18%	0%	100%	As Coll PIt *	\$ 16,496	\$ 3,504	\$ -	\$ 20,000 *	\$ 20,000	0%	100%	\$ -	\$ 20,000
Maple Street Sewer Improvements	\$ 306,000		\$ -	\$ 306,000	82%	18%	0%	100%	As Coll PIt *	\$ 252,390	\$ 53,610	\$ -	\$ 306,000 *	\$ 306,000	0%	100%	\$ -	\$ 306,000
Berry Circle Sanitary Sewer Line Rehabilitation	\$ 93,000		\$ -	\$ 93,000	82%	18%	0%	100%	As Coll PIt *	\$ 76,707	\$ 16,293	\$ -	\$ 93,000 *	\$ 93,000	0%	100%	\$ -	\$ 93,000
Unidentified Wastewater Infrastructure Improvements	\$ 5,000,000		\$ -	\$ 5,000,000	82%	13%	5%	100%	As Outside PIt *	\$ 4,088,842	\$ 654,660	\$ 256,498	\$ 5,000,000 *	\$ 5,000,000	0%	100%	\$ -	\$ 5,000,000
Subtotal Capital Improvement Plan 2019 - 2025	\$18,174,280	\$ -	\$ -	\$18,174,280						\$14,955,022	\$ 2,962,759	\$ 256,498	\$18,174,280	\$18,174,280			\$ -	\$18,174,280
					82%	16%	1%	100%								0%	100%	100%
RR&Ext. Amount	\$18,174,280																	
Workplan Period	5			\$ 3,634,856	Amount R&R Related													
				\$ 4,270,986	Forced into Rates													
Total CIP	\$18,174,280			\$ 4,270,986	Depreciation check													

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Allocation of Volume CIP
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	Test Yr.		Res-In	Res-Out	C/I-In	C/I-Out	Total
Capital Improvement Plan 2019 - 2025							
Spencer Creek Sanitary Sewer Replacement	\$ 1,220,708	30	\$ 789,151	\$ 16,660	\$ 396,704	\$ 18,193	\$ 1,220,708
Sewer Interceptor Point Repair Projects (Contractor)	\$ 1,690,845	30	\$ 1,093,081	\$ 23,076	\$ 549,489	\$ 25,199	\$ 1,690,845
Sewer Lateral CIPP Rehab	\$ 288,681	30	\$ 186,624	\$ 3,940	\$ 93,815	\$ 4,302	\$ 288,681
Sewer Rehab On-Call Services (mains)	\$ 1,690,845	30	\$ 1,093,081	\$ 23,076	\$ 549,489	\$ 25,199	\$ 1,690,845
Rehabilitation of Moore's Lane and Hillsboro Road Pump	\$ 84,732	30	\$ 54,777	\$ 1,156	\$ 27,536	\$ 1,263	\$ 84,732
Sewer Rehab On-Call Services (MH)	\$ 412,401	30	\$ 266,605	\$ 5,628	\$ 134,022	\$ 6,146	\$ 412,401
Southeast Municipal Complex	\$ 412,401	30	\$ 266,605	\$ 5,628	\$ 134,022	\$ 6,146	\$ 412,401
Mack Hatcher Alignment Sewer Design	\$ 6,475	30	\$ 4,186	\$ 88	\$ 2,104	\$ 96	\$ 6,475
Frazier Drive Sanitary Sewer Rehabilitation (P.F. Changs)	\$ 41,240	30	\$ 26,661	\$ 563	\$ 13,402	\$ 615	\$ 41,240
Adams Street Infrastructure Improvements	\$ 668,090	30	\$ 431,900	\$ 9,118	\$ 217,115	\$ 9,957	\$ 668,090
Holiday Court Lift Station Rehabilitation	\$ 329,921	30	\$ 213,284	\$ 4,503	\$ 107,217	\$ 4,917	\$ 329,921
Church Street Infrastructure Improvements	\$ 193,829	30	\$ 125,304	\$ 2,645	\$ 62,990	\$ 2,889	\$ 193,829
Evans Street Sewer Improvements	\$ 373,223	30	\$ 241,278	\$ 5,094	\$ 121,290	\$ 5,562	\$ 373,223
New Hope Academy Sewer Line Replacement	\$ 41,240	30	\$ 26,661	\$ 563	\$ 13,402	\$ 615	\$ 41,240
East McEwen Drive Improvements - Phase 4	\$ 296,681	30	\$ 191,796	\$ 4,049	\$ 96,415	\$ 4,422	\$ 296,681
Forrest Street Infrastructure	\$ 179,395	30	\$ 115,973	\$ 2,448	\$ 58,299	\$ 2,674	\$ 179,395
Franklin Road Improvements & Streetscape	\$ 64,335	30	\$ 41,590	\$ 878	\$ 20,907	\$ 959	\$ 64,335
Gist Street Infrastructure Improvements	\$ 226,821	30	\$ 146,633	\$ 3,096	\$ 73,712	\$ 3,380	\$ 226,821
Natchez Street Sewer Replacement	\$ 593,858	30	\$ 383,911	\$ 8,105	\$ 192,991	\$ 8,851	\$ 593,858
Battle Avenue Infrastructure Replacement	\$ 1,059,871	30	\$ 685,175	\$ 14,465	\$ 344,436	\$ 15,796	\$ 1,059,871
Jordan Road Improvements	\$ 21,775	30	\$ 14,077	\$ 297	\$ 7,076	\$ 325	\$ 21,775
Mallory/N Royal Oaks & Liberty Intersection Imp.	\$ 92,873	30	\$ 60,039	\$ 1,267	\$ 30,182	\$ 1,384	\$ 92,873
S. Margin Infrastructure Upgrades (1st - Columbia)	\$ 530,348	30	\$ 342,854	\$ 7,238	\$ 172,352	\$ 7,904	\$ 530,348
Buckworth Infrastructure Improvements	\$ 16,496	30	\$ 10,664	\$ 225	\$ 5,361	\$ 246	\$ 16,496
Maple Street Sewer Improvements	\$ 252,390	30	\$ 163,162	\$ 3,445	\$ 82,021	\$ 3,761	\$ 252,390
Berry Circle Sanitary Sewer Line Rehabilitation	\$ 76,707	30	\$ 49,589	\$ 1,047	\$ 24,928	\$ 1,143	\$ 76,707
Unidentified Wastewater Infrastructure Improvements	\$ 4,088,842	30	\$ 2,643,313	\$ 55,803	\$ 1,328,788	\$ 60,938	\$ 4,088,842
Subtotal Capital Improvement Plan 2019 - 2025	<u>\$14,955,022</u>		<u>\$ 9,667,972</u>	<u>\$204,101</u>	<u>\$ 4,860,068</u>	<u>\$222,881</u>	<u>\$14,955,022</u>
			65%	1%	32%	1%	100%

City of Franklin, TN

Sewer Cost of Service - 12-months Ending June 2017

Allocation of Customer CIP

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	Test Yr.	Res-In	Res-Out	C/I-In	C/I-Out	Total
Capital Improvement Plan 2019 - 2025						
Spencer Creek Sanitary Sewer Replacement	\$ 259,292 21	\$ 236,090	\$ 6,595	\$ 15,745	\$ 862	\$ 259,292
Sewer Interceptor Point Repair Projects (Contractor)	\$ 359,155 21	\$ 327,017	\$ 9,134	\$ 21,809	\$ 1,194	\$ 359,155
Sewer Lateral CIPP Rehab	\$ 61,319 21	\$ 55,832	\$ 1,560	\$ 3,724	\$ 204	\$ 61,319
Sewer Rehab On-Call Services (mains)	\$ 359,155 21	\$ 327,017	\$ 9,134	\$ 21,809	\$ 1,194	\$ 359,155
Rehabilitation of Moore's Lane and Hillsboro Road Pump	\$ 17,998 21	\$ 16,388	\$ 458	\$ 1,093	\$ 60	\$ 17,998
Sewer Rehab On-Call Services (MH)	\$ 87,599 21	\$ 79,760	\$ 2,228	\$ 5,319	\$ 291	\$ 87,599
Southeast Municipal Complex	\$ 87,599 21	\$ 79,760	\$ 2,228	\$ 5,319	\$ 291	\$ 87,599
Mack Hatcher Alignment Sewer Design	\$ 1,375 21	\$ 1,252	\$ 35	\$ 84	\$ 5	\$ 1,375
Frazier Drive Sanitary Sewer Rehabilitation (P.F. Changs)	\$ 8,760 21	\$ 7,976	\$ 223	\$ 532	\$ 29	\$ 8,760
Adams Street Infrastructure Improvements	\$ 141,910 21	\$ 129,211	\$ 3,609	\$ 8,617	\$ 472	\$ 141,910
Holiday Court Lift Station Rehabilitation	\$ 70,079 21	\$ 63,808	\$ 1,782	\$ 4,255	\$ 233	\$ 70,079
Church Street Infrastructure Improvements	\$ 41,171 21	\$ 37,487	\$ 1,047	\$ 2,500	\$ 137	\$ 41,171
Evans Street Sewer Improvements	\$ 79,277 21	\$ 72,183	\$ 2,016	\$ 4,814	\$ 264	\$ 79,277
New Hope Academy Sewer Line Replacement	\$ 8,760 21	\$ 7,976	\$ 223	\$ 532	\$ 29	\$ 8,760
East McEwen Drive Improvements - Phase 4	\$ 63,019 21	\$ 57,379	\$ 1,603	\$ 3,827	\$ 210	\$ 63,019
Forrest Street Infrastructure	\$ 38,105 21	\$ 34,696	\$ 969	\$ 2,314	\$ 127	\$ 38,105
Franklin Road Improvements & Streetscape	\$ 13,665 21	\$ 12,443	\$ 348	\$ 830	\$ 45	\$ 13,665
Gist Street Infrastructure Improvements	\$ 48,179 21	\$ 43,868	\$ 1,225	\$ 2,926	\$ 160	\$ 48,179
Natchez Street Sewer Replacement	\$ 126,142 21	\$ 114,855	\$ 3,208	\$ 7,660	\$ 419	\$ 126,142
Battle Avenue Infrastructure Replacement	\$ 225,129 21	\$ 204,984	\$ 5,726	\$ 13,671	\$ 749	\$ 225,129
Jordan Road Improvements	\$ 4,625 21	\$ 4,211	\$ 118	\$ 281	\$ 15	\$ 4,625
Mallory/N Royal Oaks & Liberty Intersection Imp.	\$ 19,727 21	\$ 17,962	\$ 502	\$ 1,198	\$ 66	\$ 19,727
S. Margin Infrastructure Upgrades (1st - Columbia)	\$ 112,652 21	\$ 102,572	\$ 2,865	\$ 6,841	\$ 375	\$ 112,652
Buckworth Infrastructure Improvements	\$ 3,504 21	\$ 3,190	\$ 89	\$ 213	\$ 12	\$ 3,504
Maple Street Sewer Improvements	\$ 53,610 21	\$ 48,813	\$ 1,363	\$ 3,255	\$ 178	\$ 53,610
Berry Circle Sanitary Sewer Line Rehabilitation	\$ 16,293 21	\$ 14,835	\$ 414	\$ 989	\$ 54	\$ 16,293
Unidentified Wastewater Infrastructure Improvements	\$ 654,660 21	\$ 596,079	\$ 16,650	\$ 39,754	\$ 2,177	\$ 654,660
Subtotal Capital Improvement Plan 2019 - 2025	\$2,962,759	\$2,697,644	\$ 75,352	\$179,911	\$ 9,853	\$2,962,759
		91%	3%	6%	0%	100%

City of Franklin, TN
 Sewer Cost of Service - 12-months Ending June 2017
 Allocation of Strength CIP
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	Test Yr.		Res-In	Res-Out	C/I-In	C/I-Out	Total
Capital Improvement Plan 2019 - 2025							
Spencer Creek Sanitary Sewer Replacement	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Interceptor Point Repair Projects (Contractor)	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Lateral CIPP Rehab	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Rehab On-Call Services (mains)	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Rehabilitation of Moore's Lane and Hillsboro Road Pump S	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Rehab On-Call Services (MH)	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Southeast Municipal Complex	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Mack Hatcher Alignment Sewer Design	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Frazier Drive Sanitary Sewer Rehabilitation (P.F. Changs)	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Adams Street Infrastructure Improvements	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Holiday Court Lift Station Rehabilitation	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Church Street Infrastructure Improvements	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Evans Street Sewer Improvements	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
New Hope Academy Sewer Line Replacement	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
East McEwen Drive Improvements - Phase 4	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Forrest Street Infrastructure	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Franklin Road Improvements & Streetscape	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Gist Street Infrastructure Improvements	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Natchez Street Sewer Replacement	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Battle Avenue Infrastructure Replacement	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Jordan Road Improvements	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Mallory/N Royal Oaks & Liberty Intersection Imp.	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
S. Margin Infastructure Upgrades (1st - Columbia)	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Buckworth Infrastructure Improvements	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Maple Street Sewer Improvements	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Berry Circle Sanitary Sewer Line Rehabilitation	\$ -	40	\$ -	\$ -	\$ -	\$ -	\$ -
Unidentified Wastewater Infrastructure Imrovements	\$ 256,498	40	\$ 165,818	\$ 3,501	\$ 83,357	\$ 3,823	\$ 256,498
Subtotal Capital Improvement Plan 2019 - 2025	\$ 256,498		\$ 165,818	\$ 3,501	\$ 83,357	\$ 3,823	\$ 256,498
			65%	1%	32%	1%	100%

City of Franklin, TN
Sewer Cost of Service - 12-months Ending June 2017
Allocation of CIP
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	<u>Test Yr.</u>	Res-In	Res-Out	C/I-In	C/I-Out	Total
Capital Improvement Plan 2019 - 2025						
Spencer Creek Sanitary Sewer Replacement	\$ 1,480,000	\$ 1,025,241	\$ 23,254	\$ 412,450	\$ 19,055	\$ 1,480,000
Sewer Interceptor Point Repair Projects (Contractor)	\$ 2,050,000	\$ 1,420,097	\$ 32,211	\$ 571,298	\$ 26,394	\$ 2,050,000
Sewer Lateral CIPP Rehab	\$ 350,000	\$ 242,456	\$ 5,499	\$ 97,539	\$ 4,506	\$ 350,000
Sewer Rehab On-Call Services (mains)	\$ 2,050,000	\$ 1,420,097	\$ 32,211	\$ 571,298	\$ 26,394	\$ 2,050,000
Rehabilitation of Moore's Lane and Hillsboro Road Pump	\$ 102,730	\$ 71,164	\$ 1,614	\$ 28,629	\$ 1,323	\$ 102,730
Sewer Rehab On-Call Services (MH)	\$ 500,000	\$ 346,365	\$ 7,856	\$ 139,341	\$ 6,438	\$ 500,000
Southeast Municipal Complex	\$ 500,000	\$ 346,365	\$ 7,856	\$ 139,341	\$ 6,438	\$ 500,000
Mack Hatcher Alignment Sewer Design	\$ 7,850	\$ 5,438	\$ 123	\$ 2,188	\$ 101	\$ 7,850
Frazier Drive Sanitary Sewer Rehabilitation (P.F. Chang's)	\$ 50,000	\$ 34,637	\$ 786	\$ 13,934	\$ 644	\$ 50,000
Adams Street Infrastructure Improvements	\$ 810,000	\$ 561,112	\$ 12,727	\$ 225,733	\$ 10,429	\$ 810,000
Holiday Court Lift Station Rehabilitation	\$ 400,000	\$ 277,092	\$ 6,285	\$ 111,473	\$ 5,150	\$ 400,000
Church Street Infrastructure Improvements	\$ 235,000	\$ 162,792	\$ 3,692	\$ 65,490	\$ 3,026	\$ 235,000
Evans Street Sewer Improvements	\$ 452,500	\$ 313,460	\$ 7,110	\$ 126,104	\$ 5,826	\$ 452,500
New Hope Academy Sewer Line Replacement	\$ 50,000	\$ 34,637	\$ 786	\$ 13,934	\$ 644	\$ 50,000
East McEwen Drive Improvements - Phase 4	\$ 359,700	\$ 249,175	\$ 5,652	\$ 100,242	\$ 4,631	\$ 359,700
Forrest Street Infrastructure	\$ 217,500	\$ 150,669	\$ 3,417	\$ 60,613	\$ 2,800	\$ 217,500
Franklin Road Improvements & Streetscape	\$ 78,000	\$ 54,033	\$ 1,226	\$ 21,737	\$ 1,004	\$ 78,000
Gist Street Infrastructure Improvements	\$ 275,000	\$ 190,501	\$ 4,321	\$ 76,638	\$ 3,541	\$ 275,000
Natchez Street Sewer Replacement	\$ 720,000	\$ 498,766	\$ 11,313	\$ 200,651	\$ 9,270	\$ 720,000
Battle Avenue Infrastructure Replacement	\$ 1,285,000	\$ 890,158	\$ 20,190	\$ 358,107	\$ 16,544	\$ 1,285,000
Jordan Road Improvements	\$ 26,400	\$ 18,288	\$ 415	\$ 7,357	\$ 340	\$ 26,400
Mallory/N Royal Oaks & Liberty Intersection Imp.	\$ 112,600	\$ 78,001	\$ 1,769	\$ 31,380	\$ 1,450	\$ 112,600
S. Margin Infrastructure Upgrades (1st - Columbia)	\$ 643,000	\$ 445,426	\$ 10,103	\$ 179,193	\$ 8,279	\$ 643,000
Buckworth Infrastructure Improvements	\$ 20,000	\$ 13,855	\$ 314	\$ 5,574	\$ 258	\$ 20,000
Maple Street Sewer Improvements	\$ 306,000	\$ 211,975	\$ 4,808	\$ 85,277	\$ 3,940	\$ 306,000
Berry Circle Sanitary Sewer Line Rehabilitation	\$ 93,000	\$ 64,424	\$ 1,461	\$ 25,917	\$ 1,197	\$ 93,000
Unidentified Wastewater Infrastructure Improvements	\$ 5,000,000	\$ 3,405,211	\$ 75,954	\$ 1,451,898	\$ 66,938	\$ 5,000,000
Subtotal Capital Improvement Plan 2019 - 2025	<u>\$18,174,280</u>	<u>\$12,531,434</u>	<u>\$282,954</u>	<u>\$ 5,123,335</u>	<u>\$236,557</u>	<u>\$18,174,280</u>
		69%	2%	28%	1%	100%



City of Franklin, TN

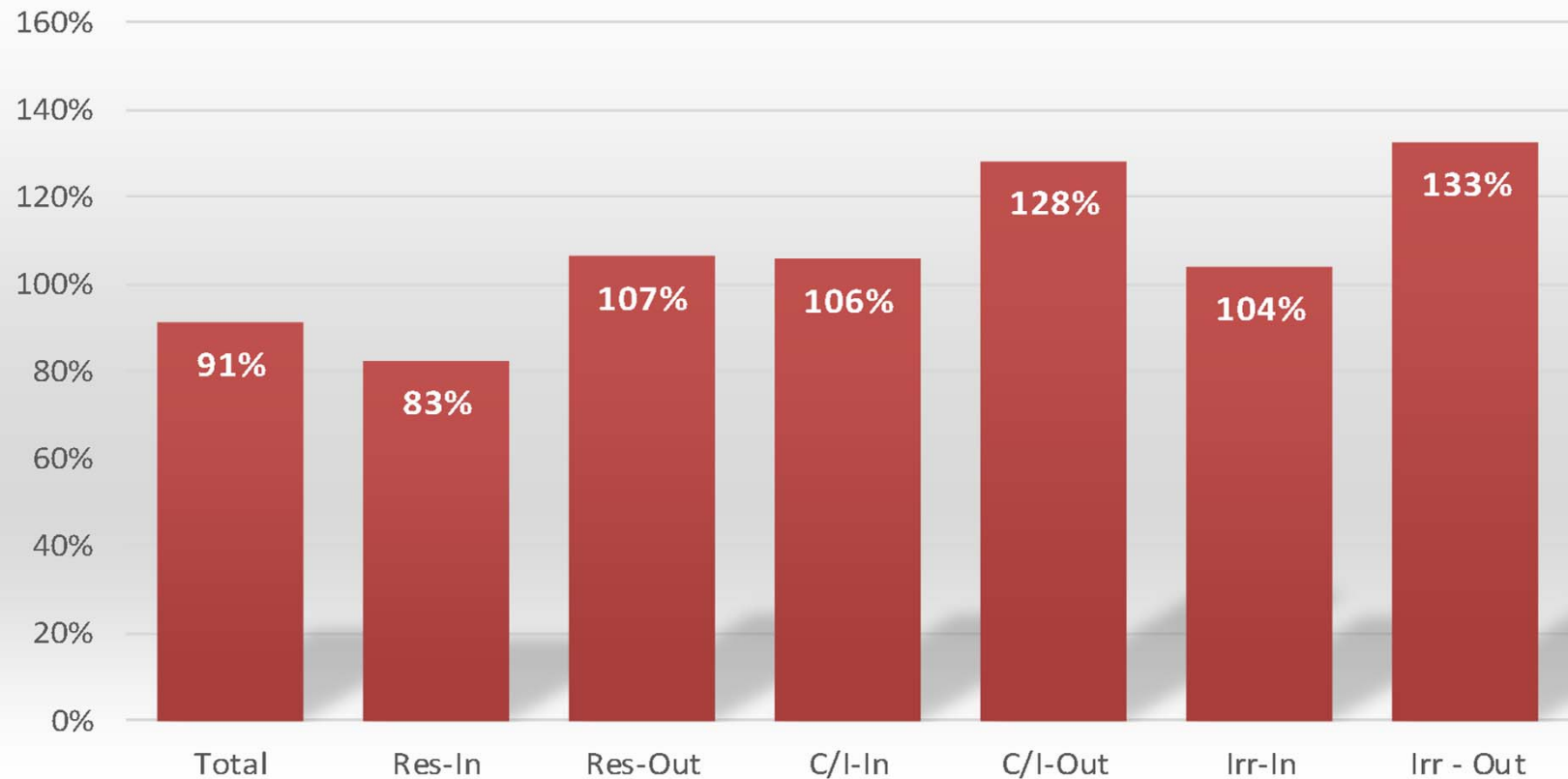
Water Rate Recommendations

Presented: August 28, 2018
Jim Marshall | Jackson Thornton Utilities Consultants



Water – Cost of Service Results

Recovery by Rate Class

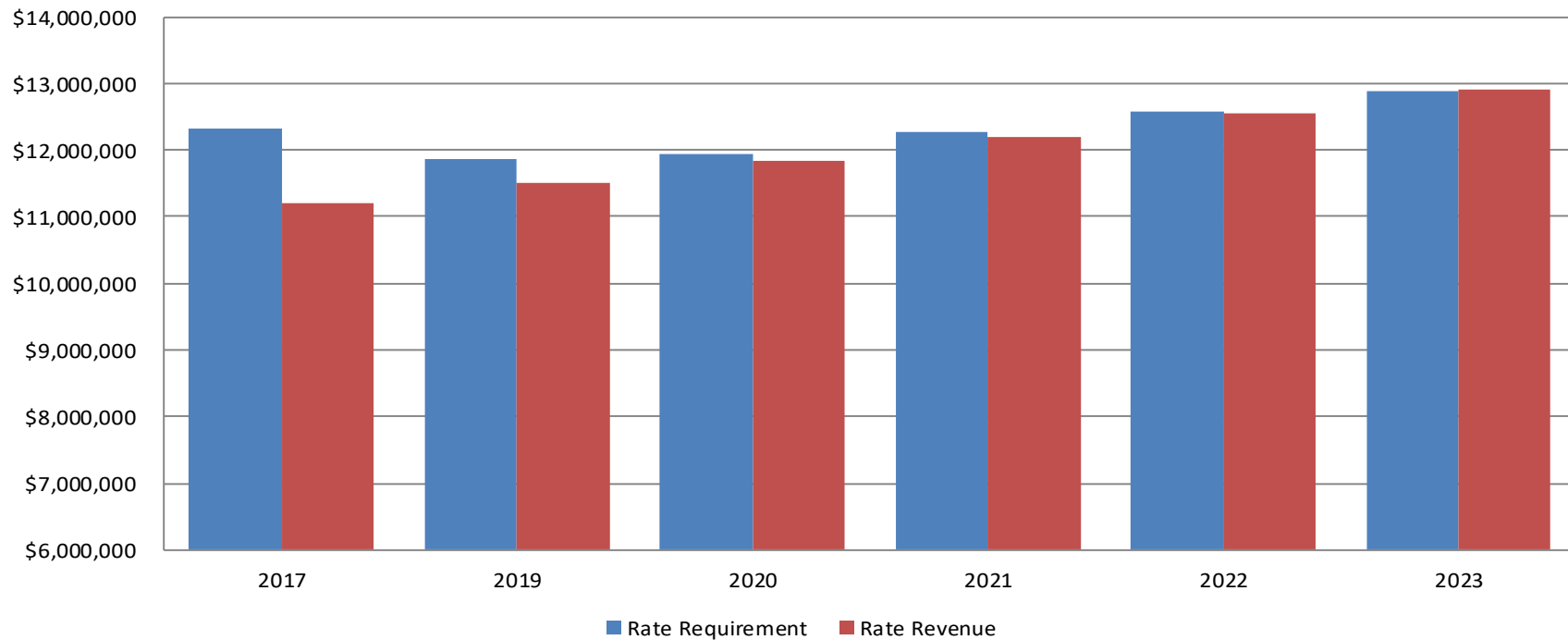


	Total	Res-In	Res-Out	C/I-In	C/I-Out	Irr-In	Irr - Out
Current Rate Revenue	\$ 11,192,969	\$ 6,375,892	\$ 1,759,189	\$ 2,008,467	\$ 197,943	\$ 703,047	\$ 148,430
Over/(Under) Recovery	\$ (1,131,543)	\$ (1,473,956)	\$ 115,674	\$ 116,600	\$ 44,581	\$ 28,022	\$ 37,536

Water – Five Year Approach

		Rate Requirement	% Change	\$ Change	Rate Revenue	Proposed Rate Change	Additional Revenue	Revenue - Requirement
Actual	2017	\$ 12,324,511			\$11,192,969			\$ (1,131,543)
Budget	2019	\$ 11,877,570	-3.6%	\$ (446,941)	\$11,517,565	2.90%	\$ 324,596	\$ (360,005)
Budget	2020	\$ 11,950,803	0.6%	\$ 73,233	\$11,851,574	2.90%	\$ 334,009	\$ (99,229)
Budget	2021	\$ 12,262,686	2.6%	\$ 311,883	\$12,195,270	2.90%	\$ 343,696	\$ (67,416)
Budget	2022	\$ 12,575,523	2.6%	\$ 312,837	\$12,548,933	2.90%	\$ 353,663	\$ (26,590)
Budget	2023	\$ 12,893,459	2.5%	\$ 317,936	\$12,912,852	2.90%	\$ 363,919	\$ 19,393

5 Year Rate Requirement Timeline



Water Rate Option A – Customer Charge Increase

Option A

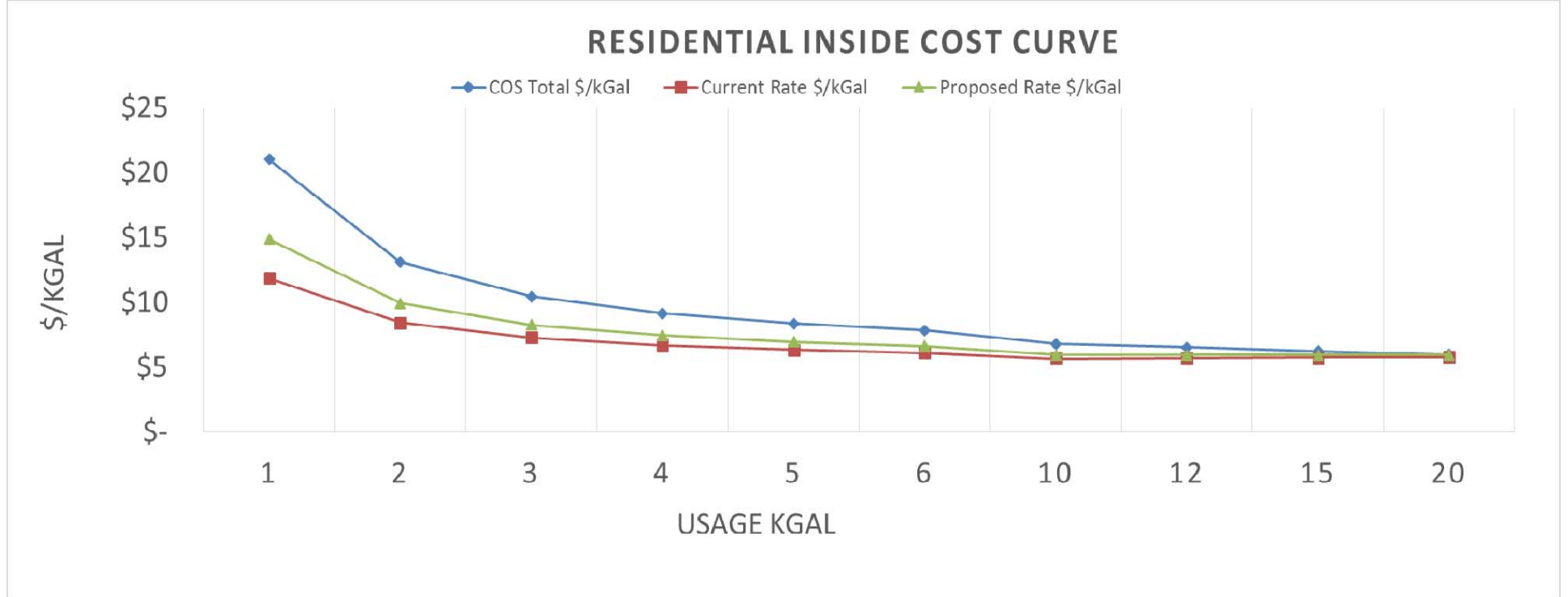
Two Year Rate Plan:

- Increase the monthly Customer Charge by \$1.50 each of the next two years for each rate class.

Option A would generate approximately \$654,000 in additional revenue over the two year period.

Water – Option A Residential Inside

	Cost of Service	Current Rate	Proposed Rate	Difference
Customer Charge (includes 1,000 Gal)	\$ 15.80	\$ 11.86	\$ 14.86	\$ 3.00
Next 9,000 Gallons	\$ 5.19	\$ 4.96	\$ 4.96	\$ -
Next 15,000 Gallons		\$ 5.89	\$ 5.89	\$ -
All Additional Usage		\$ 6.82	\$ 6.82	\$ -



Water – Option A Residential Inside

Usage		COS Rates	Current Rates	Proposed Rates	Monthly Change	Daily Change	Current \$/kGal	Proposed \$/kGal
	1	\$ 20.99	\$ 11.86	\$ 14.86	\$ 3.00	\$ 0.10	\$ 11.86	\$ 14.86
	2	\$ 26.18	\$ 16.82	\$ 19.82	\$ 3.00	\$ 0.10	\$ 8.41	\$ 9.91
	3	\$ 31.37	\$ 21.78	\$ 24.78	\$ 3.00	\$ 0.10	\$ 7.26	\$ 8.26
	4	\$ 36.56	\$ 26.74	\$ 29.74	\$ 3.00	\$ 0.10	\$ 6.69	\$ 7.44
	5	\$ 41.75	\$ 31.70	\$ 34.70	\$ 3.00	\$ 0.10	\$ 6.34	\$ 6.94
	6	\$ 46.94	\$ 36.66	\$ 39.66	\$ 3.00	\$ 0.10	\$ 6.11	\$ 6.61
	10	\$ 67.70	\$ 56.50	\$ 59.50	\$ 3.00	\$ 0.10	\$ 5.65	\$ 5.95
	12	\$ 78.08	\$ 68.28	\$ 71.28	\$ 3.00	\$ 0.10	\$ 5.69	\$ 5.94
	15	\$ 93.65	\$ 85.95	\$ 88.95	\$ 3.00	\$ 0.10	\$ 5.73	\$ 5.93
	20	\$ 119.60	\$ 115.40	\$ 118.40	\$ 3.00	\$ 0.10	\$ 5.77	\$ 5.92
Average Usage		5,936						

Water Rate Option B – Customer Charge and Consumption Charge Increase

Option B

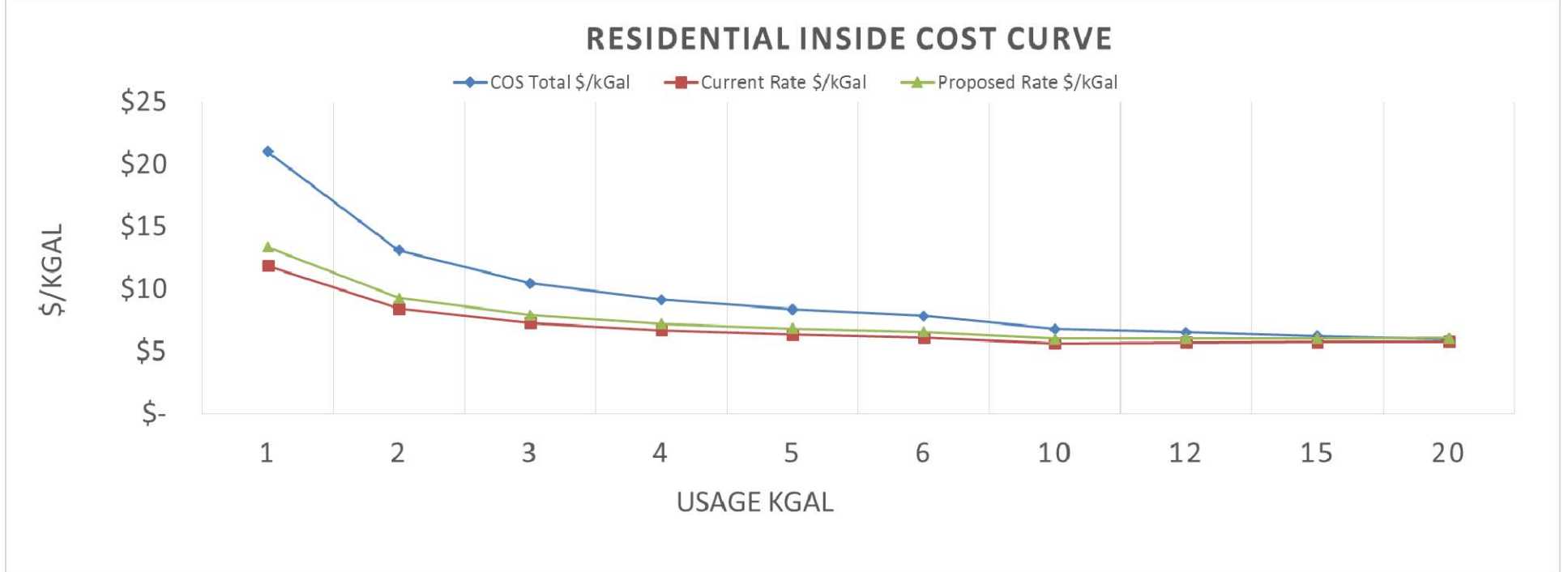
Two Year Rate Plan:

- Increase the monthly Customer Charge by \$0.75 each of the next two years for each rate class.
- Increase the Volumetric Charge by \$0.11 each of the next two years for each rate class.

Option B would generate approximately \$644,000 in additional revenue over the two year period.

Water – Option B Residential Inside

	Cost of Service	Current Rate	Proposed Rate	Difference
Customer Charge (includes 1,000 Gal)	\$ 15.80	\$ 11.86	\$ 13.36	\$ 1.50
Next 9,000 Gallons	\$ 5.19	\$ 4.96	\$ 5.18	\$ 0.22
Next 15,000 Gallons		\$ 5.89	\$ 6.11	\$ 0.22
All Additional Usage		\$ 6.82	\$ 7.04	\$ 0.22



Water – Option B Residential Inside

Usage		COS Rates	Current Rates	Proposed Rates	Monthly Change	Daily Change	Current \$/kGal	Proposed \$/kGal
	1	\$ 20.99	\$ 11.86	\$ 13.36	\$ 1.50	\$ 0.05	\$ 11.86	\$ 13.36
	2	\$ 26.18	\$ 16.82	\$ 18.54	\$ 1.72	\$ 0.06	\$ 8.41	\$ 9.27
	3	\$ 31.37	\$ 21.78	\$ 23.72	\$ 1.94	\$ 0.06	\$ 7.26	\$ 7.91
	4	\$ 36.56	\$ 26.74	\$ 28.90	\$ 2.16	\$ 0.07	\$ 6.69	\$ 7.23
	5	\$ 41.75	\$ 31.70	\$ 34.08	\$ 2.38	\$ 0.08	\$ 6.34	\$ 6.82
	6	\$ 46.94	\$ 36.66	\$ 39.26	\$ 2.60	\$ 0.09	\$ 6.11	\$ 6.54
	10	\$ 67.70	\$ 56.50	\$ 59.98	\$ 3.48	\$ 0.12	\$ 5.65	\$ 6.00
	12	\$ 78.08	\$ 68.28	\$ 72.20	\$ 3.92	\$ 0.13	\$ 5.69	\$ 6.02
	15	\$ 93.65	\$ 85.95	\$ 90.53	\$ 4.58	\$ 0.15	\$ 5.73	\$ 6.04
	20	\$ 119.60	\$ 115.40	\$ 121.08	\$ 5.68	\$ 0.19	\$ 5.77	\$ 6.05
Average Usage		5,936						

Water – Summary of Rate Options

Option A				
	Customer Charge Increase	Revenue Generated		Total Revenue Generated
Year 1	\$ 1.50	\$ 326,949		\$ 326,949
Year 2	\$ 1.50	\$ 326,949		\$ 326,949
		<u>\$ 653,898</u>		<u>\$ 653,898</u>

Option B						
	Customer Charge Increase	Revenue Generated		Volumetric Charge Increase	Revenue Generated	Total Revenue Generated
Year 1	\$ 0.75	\$ 163,475		\$ 0.11	\$ 158,518	\$ 321,993
Year 2	\$ 0.75	\$ 163,475		\$ 0.11	\$ 158,518	\$ 321,993
		<u>\$ 326,949</u>			<u>\$ 317,036</u>	<u>\$ 643,985</u>



City of Franklin, TN

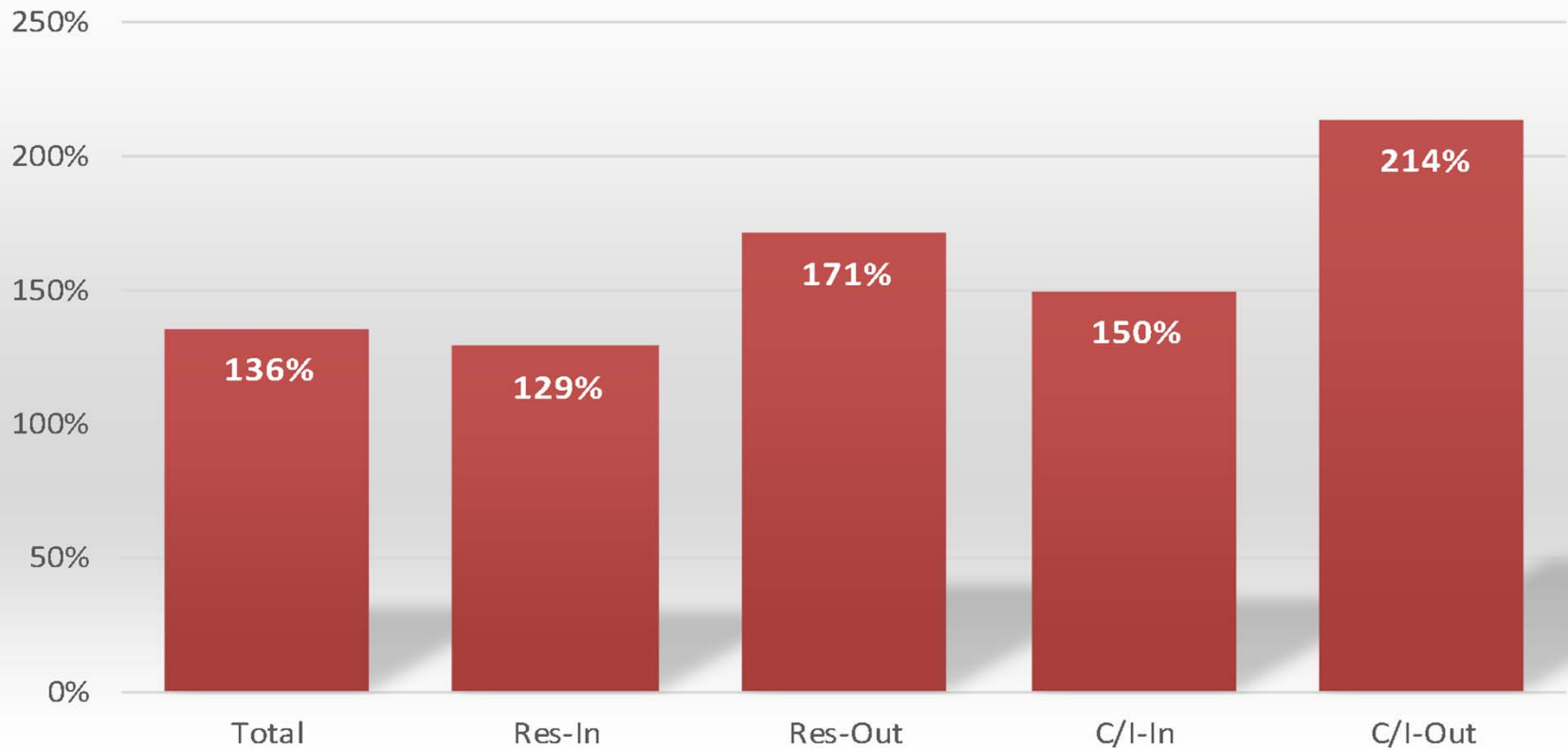
Sewer Rate Recommendations

Presented: August 28, 2018
Jim Marshall | Jackson Thornton Utilities Consultants



Sewer – Cost of Service Results

Recovery by Rate Class

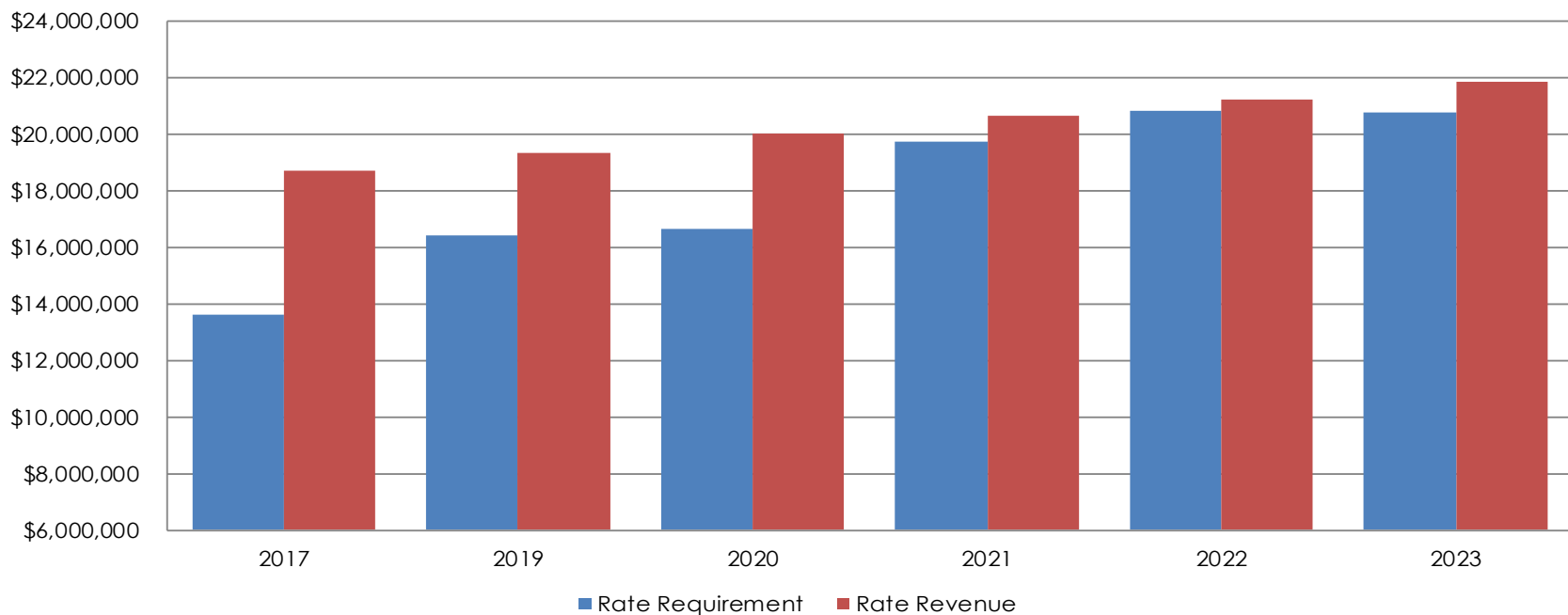


	Total	Res-In	Res-Out	C/I-In	C/I-Out
Current Rate Revenue	\$ 18,676,471	\$ 12,732,237	\$ 400,378	\$ 5,197,885	\$ 345,971
Over/(Under) Recovery	\$ 5,082,180	\$ 2,972,621	\$ 171,494	\$ 1,752,105	\$ 185,959

Sewer – Five Year Approach

	Rate Requirement	% Change	\$ Change	Rate Revenue	Proposed Rate Change	Additional Revenue	Revenue - Requirement
Actual 2017	\$ 13,594,291			\$ 18,676,471			\$ 5,082,180
Budget 2019	\$ 16,405,660	20.7%	\$ 2,811,369	\$ 19,330,147	3.50%	\$ 653,676	\$ 2,924,487
Budget 2020	\$ 16,630,587	1.4%	\$ 224,927	\$ 20,006,702	3.50%	\$ 676,555	\$ 3,376,115
Budget 2021	\$ 19,713,962	18.5%	\$ 3,083,375	\$ 20,606,903	3.00%	\$ 600,201	\$ 892,941
Budget 2022	\$ 20,811,168	5.6%	\$ 1,097,206	\$ 21,225,111	3.00%	\$ 618,207	\$ 413,942
Budget 2023	\$ 20,725,005	-0.4%	\$ (86,163)	\$ 21,861,864	3.00%	\$ 636,753	\$ 1,136,858

5 Year Rate Requirement Timeline



Sewer Rate Option A – Customer Charge Increase

Option A

Two Year Rate Plan:

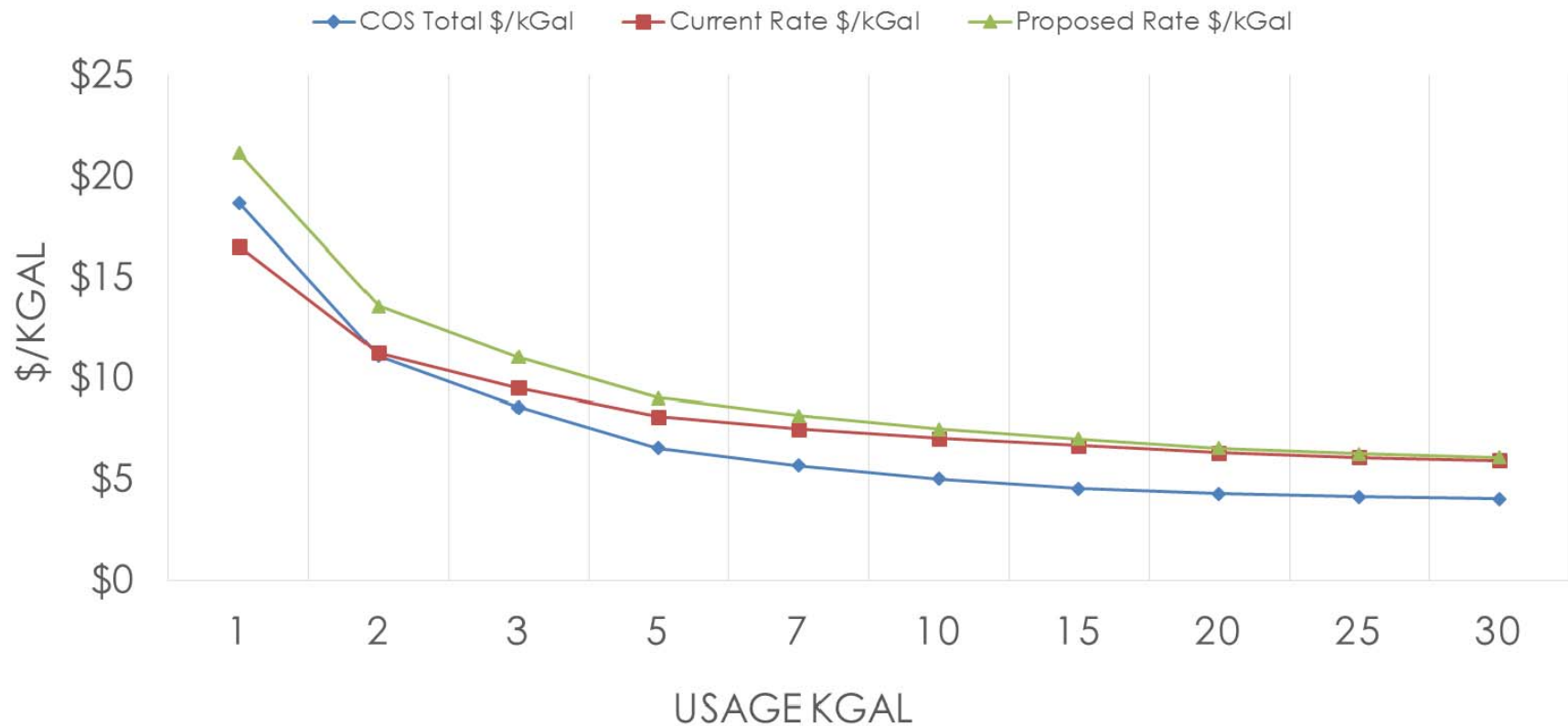
- Increase the monthly Customer Charge by \$2.32 each of the next two years for each rate class.

Option A would generate approximately \$1,327,000 in additional revenue over the two year period.

Sewer – Option A Residential Inside

	Cost of Service	Current Rate	Proposed Rate	Difference
Customer Charge (1,000 Gal)	\$ 15.18	\$ 16.55	\$ 21.19	\$ 4.64
Next 14,000 Gallons	\$ 3.51	\$ 5.99	\$ 5.99	\$ -
All Additional		\$ 5.20	\$ 5.20	\$ -

RESIDENTIAL INSIDE COST CURVE



Sewer – Option A Residential Inside

Usage		COS Rates	Current Rates	Proposed Rates	Monthly Change	Daily Change	Current \$/kGal	Proposed \$/kGal
	1	\$ 18.69	\$ 16.55	\$ 21.19	\$ 4.64	\$ 0.15	\$ 16.55	\$ 21.19
	2	\$ 22.20	\$ 22.54	\$ 27.18	\$ 4.64	\$ 0.15	\$ 11.27	\$ 13.59
	3	\$ 25.71	\$ 28.53	\$ 33.17	\$ 4.64	\$ 0.15	\$ 9.51	\$ 11.06
	5	\$ 32.74	\$ 40.51	\$ 45.15	\$ 4.64	\$ 0.15	\$ 8.10	\$ 9.03
	7	\$ 39.76	\$ 52.49	\$ 57.13	\$ 4.64	\$ 0.15	\$ 7.50	\$ 8.16
	10	\$ 50.29	\$ 70.46	\$ 75.10	\$ 4.64	\$ 0.15	\$ 7.05	\$ 7.51
	15	\$ 67.85	\$ 100.41	\$ 105.05	\$ 4.64	\$ 0.15	\$ 6.69	\$ 7.00
	20	\$ 85.40	\$ 126.41	\$ 131.05	\$ 4.64	\$ 0.15	\$ 6.32	\$ 6.55
	25	\$ 102.95	\$ 152.41	\$ 157.05	\$ 4.64	\$ 0.15	\$ 6.10	\$ 6.28
	30	\$ 120.51	\$ 178.41	\$ 183.05	\$ 4.64	\$ 0.15	\$ 5.95	\$ 6.10
Average Usage		6,352						

Sewer Rate Option B – Customer Charge and Consumption Charge Increase

Option B

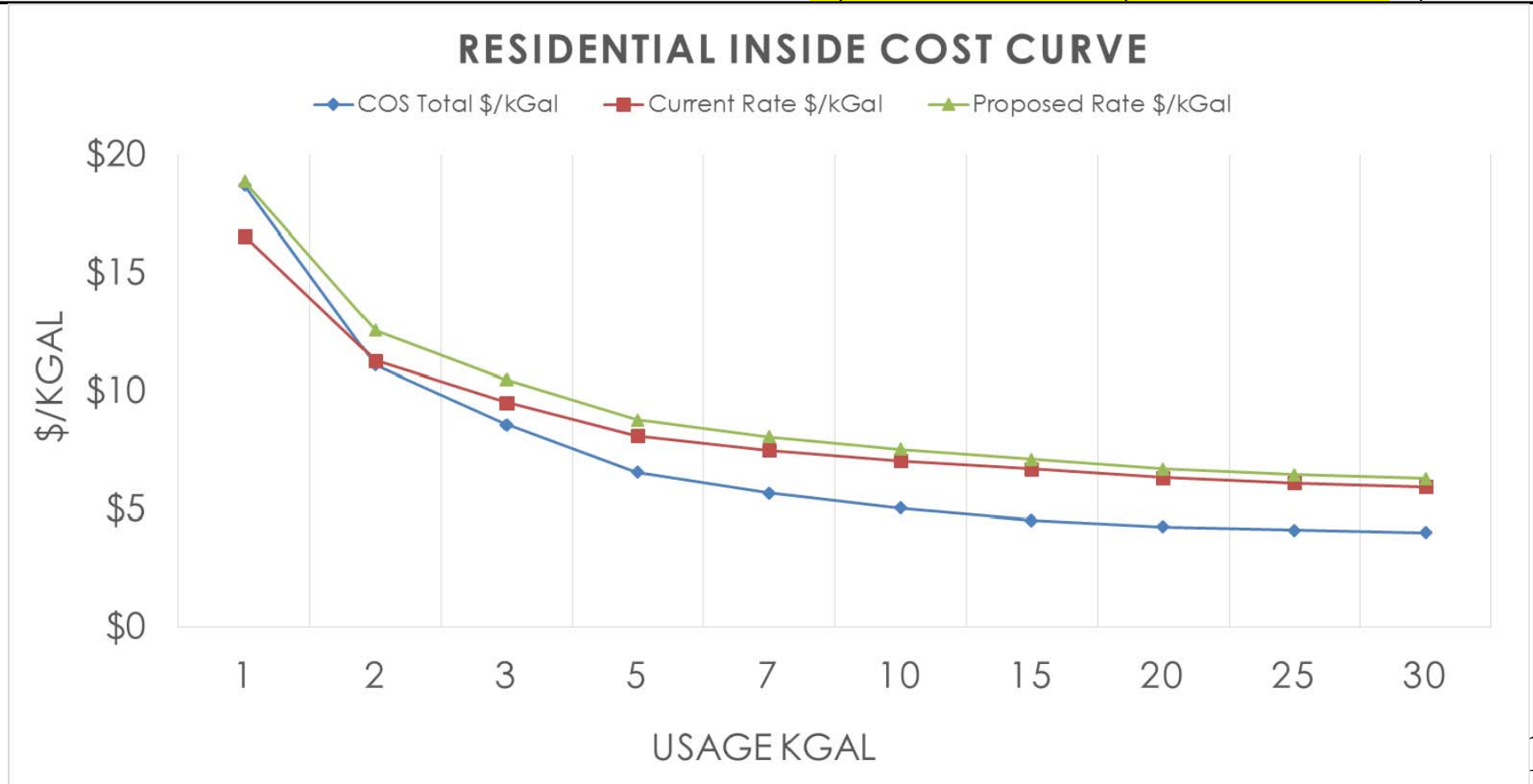
Two Year Rate Plan:

- Increase the monthly Customer Charge by \$1.16 each of the next two years for each rate class.
- Increase the Volumetric Charge by \$0.14 each of the next two years for each rate class.

Option B would generate approximately \$1,300,000 in additional revenue over the two year period.

Sewer – Option B Residential Inside

	Cost of Service	Current Rate	Proposed Rate	Difference
Customer Charge (1,000 Gal)	\$ 15.18	\$ 16.55	\$ 18.87	\$ 2.32
Next 14,000 Gallons	\$ 3.51	\$ 5.99	\$ 6.27	\$ 0.28
All Additional		\$ 5.20	\$ 5.48	\$ 0.28



Sewer – Option B Residential Inside

Usage		COS Rates	Current Rates	Proposed Rates	Monthly Change	Daily Change	Current \$/kGal	Proposed \$/kGal
	1	\$ 18.69	\$ 16.55	\$ 18.87	\$ 2.32	\$ 0.08	\$ 16.55	\$ 18.87
	2	\$ 22.20	\$ 22.54	\$ 25.14	\$ 2.60	\$ 0.09	\$ 11.27	\$ 12.57
	3	\$ 25.71	\$ 28.53	\$ 31.41	\$ 2.88	\$ 0.10	\$ 9.51	\$ 10.47
	5	\$ 32.74	\$ 40.51	\$ 43.95	\$ 3.44	\$ 0.11	\$ 8.10	\$ 8.79
	7	\$ 39.76	\$ 52.49	\$ 56.49	\$ 4.00	\$ 0.13	\$ 7.50	\$ 8.07
	10	\$ 50.29	\$ 70.46	\$ 75.30	\$ 4.84	\$ 0.16	\$ 7.05	\$ 7.53
	15	\$ 67.85	\$ 100.41	\$ 106.65	\$ 6.24	\$ 0.21	\$ 6.69	\$ 7.11
	20	\$ 85.40	\$ 126.41	\$ 134.05	\$ 7.64	\$ 0.25	\$ 6.32	\$ 6.70
	25	\$ 102.95	\$ 152.41	\$ 161.45	\$ 9.04	\$ 0.30	\$ 6.10	\$ 6.46
	30	\$ 120.51	\$ 178.41	\$ 188.85	\$ 10.44	\$ 0.35	\$ 5.95	\$ 6.30
Average Usage		6,352						

Sewer – Summary of Rate Options

Option A			
	Customer Charge Increase	Revenue Generated	Total Revenue Generated
Year 1	\$ 2.32	\$ 663,441	\$ 663,441
Year 2	\$ 2.32	\$ 663,441	\$ 663,441
		<u>\$ 1,326,882</u>	<u>\$ 1,326,882</u>

Option B					
	Customer Charge Increase	Revenue Generated	Volumetric Charge Increase	Revenue Generated	Total Revenue Generated
Year 1	\$ 1.16	\$ 331,721	\$ 0.14	\$ 318,123	\$ 649,844
Year 2	\$ 1.16	\$ 331,721	\$ 0.14	\$ 318,123	\$ 649,844
		<u>\$ 663,441</u>		<u>\$ 636,246</u>	<u>\$ 1,299,687</u>

RESOLUTION 2018-65

**A RESOLUTION OF THE BOARD OF MAYOR AND ALDERMEN TO ADOPT A 401(a)
DEFINED CONTRIBUTION RETIREMENT PLAN IN THE FORM OF THE ICMA RETIREMENT
CORPORATION DEFERRED COMPENSATION PLAN & TRUST AND
A 457(b) PLAN IN THE FORM OF THE ICMA RETIREMENT CORPORATION
GOVERNMENTAL PROFIT SHARING PLAN & TRUST AND ENGAGE ICMA RETIREMENT
CORPORATION FOR THIRD PARTY ADMINISTRATION OF EACH PLAN**

WHEREAS, the City desires to establish an employee contributory deferred compensation plan qualified under Section 457(b) of the Internal Revenue Code in the form of the ICMA Retirement Corporation Deferred Compensation Plan and Trust; and

WHEREAS, the City desires to establish a defined contribution retirement plan qualified under section 401(a) of the Internal Revenue Code in the form of the ICMA Retirement Corporation Governmental Profit-Sharing Plan & Trust, to which the City may make contributions in such amounts as determined by the City from time to time; and

WHEREAS, such plans will be in addition to any existing retirement plans in which eligible employees may or are participating; and

WHEREAS, the City desires to engage ICMA Retirement Corporation to provide third party administration services with respect to the 457(b) plan; and

WHEREAS, the City desires to engage ICMA Retirement Corporation to provide third party administration services with respect to the 401(a) plan; and

WHEREAS, the City desires that some or all of the funds held in the 457(b) plan be invested in VantageTrust, a Trust established by public employers for the collective investment of funds held under their retirement and deferred compensation plans; and

WHEREAS, the City desires to adopt the Declaration of Trust of VantageTrust to be operative with respect to the 457(b) plan and any retirement or deferred compensation plan subsequently established by the City, if the assets of such plan are to be invested in VantageTrust and with respect to such assets; and

WHEREAS, the City desires that some or all of the funds held in the 401(a) plan be invested in VantageTrust, a Trust established by public employers for the collective investment of funds held under their retirement and deferred compensation plans; and

WHEREAS, the City desires to adopt the Declaration of Trust of VantageTrust to be operative with respect to the 401(a) plan and any retirement or deferred compensation plan subsequently established by the City, if the assets of such plan are to be invested in VantageTrust and with respect to such assets.

NOW THEREFORE, BE IT RESOLVED by the Board of Mayor and Aldermen for the City of Franklin, Tennessee, as follows:

Section 1. That the City hereby establishes a deferred compensation plan under Section 457(b) of the Internal Revenue Code in the form of the ICMA Retirement Corporation Deferred Compensation Plan & Trust, attached hereto as Appendix A; and that the 457(b) plan will be maintained for the exclusive benefit of the eligible employees and their beneficiaries.

Section 2. That the City hereby adopts the Declaration of Trust of VantageTrust, attached hereto as Appendix B, to be operative with respect to the 457(b) plan and any retirement or deferred compensation plan subsequently established by the City, if the assets of such plan are to be invested in VantageTrust, and with respect to such assets.

Section 3. That the assets of the 457(b) plan shall be held in trust, with the City serving as trustee, for the exclusive benefit of the 457(b) plan participants and their beneficiaries, and the assets shall not be diverted to any other purpose.

Section 4. That the Human Resources Director shall be the coordinator for the 457(b) plan and shall receive reports, notices, etc., from ICMA Retirement Corporation or VantageTrust; shall cast on behalf of the City any required votes under VantageTrust; and may delegate any administrative duties relating to the 457(b) plan to appropriate departments within the City.

Section 5. That the City hereby authorizes the Mayor and the City Administrator of the City of Franklin to execute all necessary agreements with ICMA Retirement Corporation incidental to the administration of the 457(b) plan.

Section 6. That the City hereby establishes a defined contribution retirement plan qualified under section 401(a) of the Internal Revenue Code in the form of the ICMA Retirement Corporation Governmental Profit Sharing Plan & Trust, pursuant to the specific provisions of the Adoption Agreement attached hereto as Appendix C; and that the plan will be maintained for the exclusive benefit of the eligible employees and their beneficiaries.

Section 7. That the City hereby adopts the Declaration of Trust of VantageTrust with respect to the investment of assets of the ICMA Retirement Corporation Governmental Profit Sharing Plan & Trust to be operative with respect to the 401(a) plan and any retirement or deferred compensation plan subsequently established by the City, if the assets of such plan are to be invested in VantageTrust, and with respect to such assets.

Section 8. That the assets of the 401(a) plan shall be held in trust, with the City serving as trustee, for the exclusive benefit of the 401(a) plan participants and their beneficiaries, and the assets shall not be diverted to any other purpose.

Section 9. That the Human Resources Director shall be the coordinator for the 401(a) plan and shall receive reports, notices, etc., from ICMA Retirement Corporation or VantageTrust; shall cast on behalf of the City any required votes under VantageTrust; and may delegate any administrative duties relating to the 401(a) plans to appropriate departments within the City.

Section. 10. That the City hereby authorizes the Mayor and the City Administrator of the City of Franklin to execute all necessary agreements with ICMA Retirement Corporation incidental to the administration of the 401(a) plan.

Section 11. That this Resolution shall be effective upon adoption.

IT IS SO RESOLVED AND DONE on this ___ day of _____, 2018.

ATTEST:

CITY OF FRANKLIN, TENNESSEE:

By: _____
Eric S. Stuckey
City Administrator

By: _____
Dr. Ken Moore
Mayor

Approved as to form:

Shauna R. Billingsley
City Attorney

457 GOVERNMENTAL DEFERRED COMPENSATION PLAN AND TRUST



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457 GOVERNMENTAL DEFERRED COMPENSATION PLAN AND TRUST

As Amended and Restated

Article I. Purpose

The Employer identified in Article 2.09 hereby establishes and maintains the Employer's Deferred Compensation Plan and Trust, hereafter referred to as the "Plan." The Employer is a State, political subdivision of a State, or an agency or instrumentality of a State or political subdivision, as described in Section 457(e)(1)(A) of the Internal Revenue Code ("the Code").

The primary purpose of this Plan is to provide retirement income and other deferred benefits to the Employees of the Employer and the Employees' Beneficiaries in accordance with the provisions of Section 457 of the Code.

The Employer has determined that the establishment of a deferred compensation plan for the Employees of the Employer serves the interests of the Employer by enabling it to provide reasonable retirement security for its employees, by providing increased flexibility in its personnel management system, and by assisting in the attraction and retention of competent personnel.

This Plan shall be an agreement solely between the Employer and participating Employees. The Plan and Trust forming a part hereof are established and shall be maintained for the exclusive benefit of Participants and their Beneficiaries. No part of the corpus or income of the Trust shall revert to the Employer or be used for or diverted to purposes other than the exclusive benefit of Participants and their Beneficiaries.

The Employer adopts the Group Trust created by the Declaration of Trust of VantageTrust Company.

Article II. Definitions

- 2.01 Account.** The bookkeeping account maintained for each Participant reflecting the cumulative amount of the Participant's Deferred Compensation, including any income, gains, losses, or increases or decreases in market value attributable to the Employer's investment of the Participant's Deferred Compensation, and further reflecting any distributions to the Participant or the Participant's Beneficiary and any fees or expenses charged against such Participant's Deferred Compensation.
- 2.02 Accounting Date.** For valuing the Trust's assets, as provided in Section 6.06, each business day that the New York Stock Exchange is open for trading.
- 2.03 Administrator.** The person or persons named in writing to carry out certain nondiscretionary administrative functions under the Plan, as hereinafter described. The Employer may remove any person as Administrator upon seventy-five (75) days' advance notice in writing to such person, in which case the Employer shall name another person or persons to act as Administrator. The Administrator may resign upon seventy-five (75) days' advance notice in writing to the Employer, in which case the Employer shall name another person or persons to act as Administrator. Unless otherwise provided in the Plan, the Administrator shall act at the direction of the Employer and shall be fully protected in acting on such direction. The Employer may enter into a separate agreement with the Administrator

detailing features of the Plan and any elections as to the administration of the Plan.

- 2.04 Automatic Distribution Date.** April 1 of the calendar year after the year the Participant attains age 70½ or, if later, has a Severance Event.
- 2.05 Beneficiary.** The person or persons named by the Participant in his or her Joinder Agreement who shall receive any benefits payable hereunder in the event of the Participant's death. In the event that the Participant names two or more Beneficiaries, each Beneficiary shall be entitled to equal shares of the benefits payable at the Participant's death, unless otherwise provided in the Participant's Joinder Agreement. If no Beneficiary is named in the Joinder Agreement, if the named Beneficiary predeceases the Participant, or if the named Beneficiary does not survive the Participant for a period of fifteen (15) days, then the estate of the Participant shall be the Beneficiary. If a married Participant resides in a community property state, the Participant shall be responsible for obtaining appropriate consent of his or her spouse in the event the Participant names someone other than his or her spouse as Beneficiary; provided, however that solely for purposes of this sentence, the term "spouse" shall have the meaning determined by the Employer.
- For purposes of Section 7.09(c), relating to unforeseeable emergency withdrawals, the term Primary Beneficiary means an individual who is named as a Beneficiary under the Plan and who would have an unconditional right to all or a portion of the Participant's account balance under the Plan upon the death of the Participant (or Beneficiary who has inherited an account balance).
- 2.06 Deferred Compensation.** The amount of Includible Compensation otherwise payable to the Participant that the Participant and the Employer mutually agree to defer hereunder (including pursuant to automatic enrollment in Section 4.03), any amount credited to a Participant's Account by reason of a transfer under Section 6.09 or 6.10, a rollover under Section 6.11, or any other amount the Employer agrees to credit to a Participant's Account.
- 2.07 Dollar Limitation.** The applicable dollar amount within the meaning of Section 457(b)(2)(A) of the Code, as adjusted for the cost-of-living in accordance with Section 457(e)(15) of the Code.
- 2.08 Employee.** Any individual who provides services for the Employer, whether as an employee of the Employer, as defined by state law, or as an independent contractor, and who has been designated by the Employer as eligible to participate in the Plan.
- 2.09 Employer.** _____ which is a State, political subdivision of a State, or agency or instrumentality of a State, as described in Section 457(e)(1)(A) of the Code.
- 2.10 457 Catch-Up Dollar Limitation.** Twice the Dollar Limitation.
- 2.11 Includible Compensation.** Includible Compensation of a Participant means "compensation," as defined in Section 415(c)(3) of the Code, for services performed for the Employer. Includible Compensation shall be determined without regard to any community property laws. For purposes of a Participant's Joinder Agreement only and not for purposes of the limitations in Article V, Includible Compensation shall include pre-tax contributions (excluding direct employer contributions) to an integral part trust of the employer providing retiree health care benefits.
- 2.12 Joinder Agreement.** An agreement entered into between an Employee and the Employer, including any amendments or modifications thereof, that fixes the amount of Deferred Compensation, specifies a preference among the investment alternatives designated by the Employer, names the Employee's Beneficiary or Beneficiaries, and incorporates the terms, conditions, and provisions of the Plan by

reference. A Joinder Agreement includes amounts that an Employer agrees to credit to the Employee's account as "employer contributions."

- 2.13 Normal Limitation.** The maximum amount of Deferred Compensation for any Participant for any taxable year (other than amounts referred to in Sections 6.09, 6.10, and 6.11).
- 2.14 Normal Retirement Age.** Age 70½, unless the Participant has elected an alternate Normal Retirement Age by written instrument delivered to the Administrator prior to a Severance Event. A Participant's Normal Retirement Age determines the period during which a Participant may utilize the additional catch-up dollar limitation of Section 5.02(b) hereunder and determines the right to receive certain tax free distributions described in Section 7.14. Once a Participant has to any extent utilized the catch-up limitation of Section 5.02(b), his Normal Retirement Age may not be changed.

A Participant's alternate Normal Retirement Age may not be earlier than the earliest date that the Participant will become eligible to retire and receive immediate, unreduced retirement benefits under the Employer's basic defined benefit retirement plan covering the Participant (or a money purchase pension plan of the Employer in which the Participant also participates if the Participant is not eligible to participate in a defined benefit plan of the Employer), and may not be later than the date the Participant will attain age 70½. If the Participant will not become eligible to receive benefits under a basic defined benefit retirement plan (or money purchase pension plan, if applicable) maintained by the Employer, the Participant's alternate Normal Retirement Age may not be earlier than 65 and may not be later than age 70½ (except as provided in the next paragraph). Solely for purposes of the prior two sentences, a plan of the Employer includes a plan maintained by the state (or a political subdivision or agency or instrumentality of the state) in which the Employer is located. In no event may a Participant's normal retirement age be different than the normal retirement age under the Employer's other 457(b) plans, if any.

In the event the Plan has Participants that include qualified police or firefighters (as defined under Section 415(b)(2)(H)(ii)(I) of the Code), a normal retirement age may be designated for such qualified police or firefighters that is not earlier than age 40 or later than age 70½. Alternatively, qualified police or firefighters may be permitted to designate a normal retirement age that is between age 40 and age 70½.

- 2.15 Participant.** Any Employee who has joined the Plan pursuant to the requirements of Article IV. Unless the context requires otherwise, the term Participant includes an Employee or former Employee of the Employer who has not yet received all of the payments of benefits to which he/she is entitled under the Plan.
- 2.16 Percentage Limitation.** 100 percent of the Participant's Includible Compensation available to be contributed as Deferred Compensation for the taxable year.
- 2.17 Plan Year.** The calendar year, unless otherwise elected by the Employer.
- 2.18 Severance Event.** A severance of the Participant's employment with the Employer within the meaning of Section 457(d)(1)(A)(ii) of the Code.

In general, a Participant shall be deemed to have experienced a Severance Event for purposes of this Plan when, in accordance with the established practices of the Employer, the employment relationship is considered to have actually terminated. If the Plan does not allow participation by independent contractors of the Employer, a Participant shall also be deemed to have experienced a Severance Event for purposes of the Plan when, in accordance with the established practices of the Employer, the Participant ceases to be an employee and becomes an independent contractor. If the Plan allows participation by independent contractors of the

Employer, then in the case of a Participant who is an independent contractor of the Employer, a Severance Event shall be deemed to have occurred when the Participant's contract under which services are performed has completely expired and terminated, there is no foreseeable possibility that the Employer will renew the contract or enter into a new contract for the Participant's services, and it is not anticipated that the Participant will become an Employee of the Employer, or such other events as may be permitted under the Code.

- 2.19 **Trust.** The Trust created under Article VI of the Plan which shall consist of all compensation deferred under the Plan, plus any income and gains thereon, less any losses, expenses and distributions to Participants and Beneficiaries.

Article III. Administration

- 3.01 **Duties of the Employer.** The Employer shall have the authority to make all discretionary decisions affecting the rights or benefits of Participants that may be required in the administration of this Plan. The Employer's decisions shall be afforded the maximum deference permitted by applicable law.
- 3.02 **Duties of Administrator.** The Administrator, as agent for the Employer and subject to oversight by the Employer, shall perform nondiscretionary administrative functions in connection with the Plan, including the maintenance of Participants' Accounts, the provision of periodic reports of the status of each Account, and the disbursement of benefits on behalf of the Employer in accordance with the provisions of this Plan.

Article IV. Participation in the Plan

- 4.01 **Initial Participation.** An Employee that the Employer elects to be eligible for the Plan may become a Participant by entering into a Joinder Agreement (or by being treated as entering into a Joinder Agreement pursuant to Section 4.03) prior to the beginning of the calendar month in which the Joinder Agreement is to become effective to defer compensation not yet paid or made available, or such other date as may be permitted under the Code. A new employee may defer compensation in the calendar month during which he or she first becomes an employee if a Joinder Agreement is entered into on or before the first day on which the employee performs services for the Employer.
- 4.02 **Amendment of Joinder Agreement.** A Participant may amend an executed Joinder Agreement to change the amount of Includible Compensation not yet paid or made available that is to be deferred (including the reduction of such future deferrals to zero). Such amendment shall become effective as of the beginning of the calendar month commencing after the date the amendment is executed, or such other date as may be permitted under the Code. A Participant may at any time amend his or her Joinder Agreement to change the Beneficiary or specify investments, and such amendment shall become effective immediately.
- 4.03 **Automatic Enrollment.**
- (a) *If elected by the Employer, the Plan will provide for automatic enrollment.* In this case, an Employee will become a Participant, shall be treated as entering into a Joinder Agreement, and shall have compensation deferred, at the amount equal to the percentage of compensation specified by the Employer, unless the Employee affirmatively elects a different amount (or elects not to enter into a Joinder Agreement) within the initial "opt-out" period specified by the Employer. The "opt-out" period shall be no less than thirty (30) days and no more than ninety (90) days. The Participant will be treated as having entered into a Joinder Agreement at the end of such opt-out period and Default Elective Deferrals shall begin on the first pay period of the following calendar month. Unless otherwise elected by the Employer, these

automatic enrollment provisions will also apply when an Employee is rehired. An Employee who becomes a Participant pursuant to this Section 4.03 may amend the Joinder Agreement as provided in Section 4.02.

(b) **Definitions.** *The following definitions shall apply for this Section 4.03:*

- (1) **Eligible Automatic Contribution Arrangement ("EACA").** An automatic contribution arrangement that satisfies the uniformity and notice requirements of this Section 4.03.
- (2) **Automatic Contribution Arrangement.** An arrangement under which, in the absence of an affirmative election by a Covered Employee, a specified percentage of compensation will be withheld from the Covered Employee's pay and contributed to the Plan as Deferred Compensation.
- (3) **Covered Employee.** A Participant identified by the Employer as being covered under the EACA. An independent contractor cannot be a Covered Employee.
- (4) **Default Elective Deferrals.** The Deferred Compensation contributed to the Plan under the EACA on behalf of Covered Employees who do not have an affirmative election in effect regarding Deferred Compensation.
- (5) **Default Rate.** The percentage of a Covered Employee's compensation contributed to the Plan as a Default Elective Deferral, per pay period, for a given Plan Year. The Default Rate is specified by the Employer.

(c) **Rules of Application**

- (1) Default Elective Deferrals will be made on behalf of Covered Employees who do not have an affirmative election in effect regarding Deferred Compensation. The amount of Default Elective Deferrals made for a Covered Employee each pay period is equal to the Default Rate multiplied by the Covered Employee's compensation for that pay period. If the Employer elects, a Covered Employee's Default Elective Deferrals will increase each Plan Year by a designated percentage, per pay period, beginning with the second Plan Year that begins after the Default Rate first applies to the Covered Employee. The increase will be effective beginning with the first pay period that begins in such Plan Year.
- (2) A Covered Employee will have a reasonable opportunity after receipt of the notice described in Section 4.03(e) to make an affirmative election regarding Deferred Compensation (either to have no Deferred Compensation contributed or to have a different amount of Deferred Compensation contributed) before Default Elective Deferrals are made on the Covered Employee's behalf. Default Elective Deferrals being made on behalf of a Covered Employee will cease as soon as administratively feasible after the Covered Employee makes an affirmative election. An affirmative election to have no Deferred Compensation contributed, made no later than ninety (90) days after Default Elective Deferrals are first withheld from a Covered Employee's pay, shall be deemed a request for distribution of the Covered Employee's Default Elective Deferrals under Section 4.03(f) of the Plan, unless the Covered Employee affirmatively elects otherwise.

(d) **Uniformity Requirement**

- (1) Except as provided in (2), below, if the Employer has elected to have Covered Employees' Default

Elective Deferrals increase each Plan Year by a designated percentage, the same percentage of compensation will be withheld as a Default Elective Deferral from all Covered Employees subject to the Default Rate.

- (2) Default Elective Deferrals will be reduced or stopped to meet the limitations under Section 457(b) of the Code, and to satisfy any suspension period required after a hardship distribution from another plan maintained by the Employer.

(e) Notice Requirement

- (1) At least thirty (30) days, but not more than ninety (90) days, before the beginning of the Plan Year, the Employer will provide each Covered Employee a comprehensive notice of the Covered Employee's rights and obligations under the EACA, written in a manner calculated to be understood by the average Covered Employee. If an employee becomes a Covered Employee after the 90th day before the beginning of the Plan Year and does not receive the notice for that reason, the notice will be provided no more than ninety (90) days before the employee becomes a Covered Employee but no later than the date the employee becomes a Covered Employee.
- (2) The notice must accurately describe:
 - (i) the amount of Default Elective Deferrals that will be made on the Covered Employee's behalf in the absence of an affirmative election;
 - (ii) the Covered Employee's right to elect to have no Deferred Compensation deferred on his or her behalf or to have a different amount of Deferred Compensation deferred;
 - (iii) how Default Elective Deferrals will be invested in the absence of the Covered Employee's investment instructions; and
 - (iv) the Covered Employee's right to make a withdrawal of Default Elective Deferrals and procedures for making such a withdrawal.

(f) Withdrawal of Default Elective Deferrals

- (1) No later than ninety (90) days after Default Elective Deferrals are first withheld from a Covered Employee's pay, the Covered Employee may request a distribution of his or her Default Elective Deferrals. No spousal consent is required for withdrawal under this provision.
- (2) The amount distributed from the Plan upon the Covered Employee's request is equal to the amount of Default Elective Deferrals made through the earlier of (a) the pay date for the second payroll period that begins after the Covered Employee's withdrawal request and (b) the first pay date that occurs after thirty (30) days following the Covered Employee's request, plus attributable earnings through the date of distribution. Any fee charged to the Covered Employee for the withdrawal may not be greater than any other fee charged for a cash distribution.
- (3) Unless the Covered Employee affirmatively elects otherwise, any withdrawal request will be treated as an affirmative election to stop having Deferred Compensation deferred on the Covered Employee's behalf as of the date specified in Section 4.03(f)(2) above.

- (4) Default Elective Deferrals distributed pursuant to this Section 4.03(f) are not counted towards the dollar limitation on Deferred Compensation contained in Section 457(b) of the Code. Matching contributions that might otherwise be allocated to a Covered Employee's account on behalf of Default Elective Deferrals will not be allocated to the extent the Covered Employee withdraws such Deferred Compensation pursuant to this Section 4.03(f) and any matching contributions already made on account of Default Elective Deferrals that are later withdrawn pursuant to this Section 4.03(f) will be forfeited.

4.04 Vesting of Employer Contributions. If a Participant's Joinder Agreement provides for the Employer to credit Deferred Compensation to a Participant's Account in the form of "employer contributions," such credits shall be immediately vested, except as provided in Section 4.03(f)(4).

Article V. Limitations on Deferrals

5.01 Normal Limitation. Except as provided in Section 5.02, the maximum amount of Deferred Compensation for any Participant for any taxable year, shall not exceed the lesser of the Dollar Limitation or the Percentage Limitation.

5.02 Catch-Up Limitations.

- (a) **Catch-up Contributions for Participants Age 50 and Over:** A Participant who has attained the age of 50 before the close of the taxable year, and with respect to whom no other elective deferrals may be made to the Plan for the Plan Year by reason of the Normal Limitation of Section 5.01, may enter into a Joinder Agreement to make elective deferrals in addition to those permitted by the Normal Limitation in an amount not to exceed the lesser of:
 - (1) The applicable dollar amount as defined in Section 414(v)(2)(B) of the Code, as adjusted for the cost-of-living in accordance with Section 414(v)(2)(C) of the Code; or
 - (2) The excess (if any) of:
 - (i) The Participant's Includible Compensation for the year, or
 - (ii) Any other elective deferrals of the Participant for such year which are made without regard to this Section 5.02(a).

An additional contribution made pursuant to this Section 5.02(a) shall not, with respect to the year in which the contribution is made, be subject to any otherwise applicable limitation contained in Section 5.01 above, or be taken into account in applying such limitation to other contributions or benefits under the Plan or any other plan. This Section 5.02(a) shall not apply in any year to which a higher limit under Section 5.02(b) applies.

- (b) **Last Three Years Catch-up Contribution:** For each of the last three (3) taxable years for a Participant ending the year before the year he or she attains (or will attain) Normal Retirement Age, the maximum amount of Deferred Compensation shall be the lesser of:
 - (1) The 457 Catch-Up Dollar Limitation, or
 - (2) The sum of

- (i) The Normal Limitation for the taxable year, and
- (ii) The Normal Limitation for each prior taxable year of the Participant commencing after 1978 less the amount of the Participant's Deferred Compensation for such prior taxable years. A prior taxable year shall be taken into account under the preceding sentence only if (x) the Participant was eligible to participate in the Plan for such year, and (y) compensation (if any) deferred under the Plan (or such other plan) was subject to the Normal Limitation.

Should the maximum Deferred Compensation under this Section 5.02(b) be lower in any of the three (3) years than the maximum Deferred Compensation under Section 5.02(a), the Participant may instead defer amounts under 5.02(a) if otherwise permitted and no further deferrals under Section 5.02(b) will be permitted.

5.03 Sick, Vacation and Back Pay. If the Employer so elects, a Participant may defer all or a portion of the value of the Participant's accumulated sick pay, accumulated vacation pay and/or back pay, provided that such deferral does not cause total deferrals on behalf of the Participant to exceed the Dollar Limitation or Percentage Limitation (including any catch-up dollar limitation) for the year of deferral. The election to defer such sick, vacation and/or back pay must be made in a manner and at a time permitted under Section 1.457-4(d) of the Income Tax Regulations.

For Plan Years beginning before January 1, 2009, pursuant to proposed IRS regulations issued under Section 415 of the Code, the Plan may permit deferrals from compensation, including sick, vacation and back pay, so long as the amounts are paid within 2½ months following severance from employment and the other requirements of Sections 457(b) and 415 of the Code are met. For Plan Years beginning on or after January 1, 2009, pursuant to final IRS regulations issued under Section 415 of the Code, the Plan may permit deferrals from compensation, including sick, vacation and back pay, so long as the amounts are paid by the later of: (i) 2½ months following severance from employment, and (ii) the end of the calendar year that includes the date of such severance from employment, and the other requirements of Sections 457(b) and 415 of the Code are met. Additionally, the agreement to defer such amounts must be entered into prior to the first day of the month in which the amounts otherwise would be paid or made available.

5.04 Other Plans. Notwithstanding any provision of the Plan to the contrary, the amount excludible from a Participant's gross income under this Plan or any other eligible deferred compensation plan under Section 457(b) of the Code shall not exceed the limits set forth in Sections 457(b) and 414(v) of the Code.

5.05 Excess Deferrals. Any amount that exceeds the maximum Dollar Limitation or Percentage Limitation (including any applicable catch-up dollar limitation) for a taxable year, shall constitute an excess deferral for that taxable year. Any excess deferral shall be distributed to the Participant in accordance with the requirements for excess deferrals under the Code and Section 1.457-4(e) of the Income Tax Regulations or other applicable Internal Revenue Service guidance.

5.06 Protection of Person Who Serves in a Uniformed Service. An Employee whose employment is interrupted by qualified military service under Section 414(u) of the Code or who is on leave of absence for qualified military service under Section 414(u) of the Code may elect to contribute additional Deferred Compensation upon resumption of employment with the Employer equal to the maximum Deferred Compensation that the Employee could have elected during that period if the Employee's employment with the Employer had continued (at the same level of Includible Compensation) without the interruption or leave, reduced by Deferred Compensation, if any, actually made for the Employee during the period of the interruption or leave. This right applies for five (5) years following the resumption of employment (or, if sooner, for a period equal to three (3) times the period of the interruption or leave).

- 5.07 Benefit Accruals with Respect to Qualified Military Service.** Notwithstanding any provision of the Plan to the contrary, if the Employer so elects, Participants who die or become Disabled while performing qualified military service (as defined in Code Section 414(u)) with respect to the Employer shall receive Plan contributions as permitted under Code Section 414(u)(9).
- 5.08 Benefit Accruals with Respect to Differential Wage Payments.** Unless otherwise elected by the Employer, Plan contributions shall be made based on differential wage payments (as such term is defined in Section 3401(h)(2) of the Code).

Article VI. Trust and Investment of Accounts

- 6.01 Investment of Deferred Compensation.** A Trust described in Section 457(g) of the Code is hereby created to hold all the assets of the Plan for the exclusive benefit of Participants and Beneficiaries, except that expenses and taxes may be paid from the Trust as provided in Section 6.03. The trustee shall be the Employer or such other person that agrees with the consent of the Employer to act in that capacity hereunder.
- 6.02 Investment Powers.** The trustee shall have the powers listed in this Section with respect to investment of Trust assets, except to the extent that the investment of Trust assets is directed by Participants, pursuant to Section 6.05 or to the extent that such powers are restricted by applicable law.
- (a) To invest and reinvest the Trust without distinction between principal and income in common or preferred stocks, shares of regulated investment companies and other mutual funds, bonds, loans, notes, debentures, certificates of deposit, contracts with insurance companies including but not limited to insurance, individual or group annuity, deposit administration, guaranteed interest contracts, and deposits at reasonable rates of interest at banking institutions including but not limited to savings accounts and certificates of deposit. Assets of the Trust may be invested in securities that involve a higher degree of risk than investments that have demonstrated their investment performance over an extended period of time.
 - (b) To invest and reinvest all or any part of the assets of the Trust in any common, collective or commingled trust fund that is maintained by a bank or other institution and that is available to Employee plans described under Sections 457 or 401 of the Code, or any successor provisions thereto, and during the period of time that an investment through any such medium shall exist, to the extent of participation of the Plans, the declaration of trust of such commonly collective, or commingled, trust fund shall constitute a part of this Plan.
 - (c) To invest and reinvest all or any part of the assets of the Trust in any group annuity, deposit administration or guaranteed interest contract issued by an insurance company or other financial institution on a commingled or collective basis with the assets of any other 457 plan or trust qualified under Section 401(a) of the Code or any other plan described in Section 401(a)(24) of the Code, and such contract may be held or issued in the name of the Administrator, or such custodian as the Administrator may appoint, as agent and nominee for the Employer. During the period that an investment through any such contract shall exist, to the extent of participation of the Plan, the terms and conditions of such contract shall constitute a part of the Plan.
 - (d) To hold cash awaiting investment and to keep such portion of the Trust in cash or cash balances, without liability for interest, in such amounts as may from time to time be deemed to be reasonable and necessary to meet obligations under the Plan or otherwise to be in the best interests of the Plan.

- (e) To hold, to authorize the holding of, and to register any investment to the Trust in the name of the Plan, the Employer, or any nominee or agent of any of the foregoing, including the Administrator, or in bearer form, to deposit or arrange for the deposit of securities in a qualified central depository even though, when so deposited, such securities may be merged and held in bulk in the name of the nominee of such depository with other securities deposited therein by any other person, and to organize corporations or trusts under the laws of any jurisdiction for the purpose of acquiring or holding title to any property for the Trust, all with or without the addition of words or other action to indicate that property is held in a fiduciary or representative capacity but the books and records of the Plan shall at all times show that all such investments are part of the Trust.
- (f) Upon such terms as may be deemed advisable by the Employer or the Administrator, as the case may be, for the protection of the interests of the Plan or for the preservation of the value of an investment, to exercise and enforce by suit for legal or equitable remedies or by other action, or to waive any right or claim on behalf of the Plan or any default in any obligation owing to the Plan, to renew, extend the time for payment of, agree to a reduction in the rate of interest on, or agree to any other modification or change in the terms of any obligation owing to the Plan, to settle, compromise, adjust, or submit to arbitration any claim or right in favor of or against the Plans to exercise and enforce any and all rights of foreclosure, bid for property in foreclosure, and take a deed in lieu of foreclosure with or without paying consideration therefor, to commence or defend suits or other legal proceedings whenever any interest of the Plan requires it, and to represent the Plan in all suits or legal proceedings in any court of law or equity or before any body or tribunal.
- (g) To employ suitable consultants, depositories, agents, and legal counsel on behalf of the Plan.
- (h) To open and maintain any bank account or accounts in the name of the Plan, the Employer, or any nominee or agent of the foregoing, including the Administrator, in any bank or banks.
- (i) To do any and all other acts that may be deemed necessary to carry out any of the powers set forth herein.

The trustee may authorize the Administrator to exercise these powers as an agent for the trustee, subject to the oversight of the trustee.

- 6.03 Taxes and Expenses.** All taxes of any and all kinds whatsoever that may be levied or assessed under existing or future laws upon the Plan, or in respect to the Trust, or the income thereof, and all commissions or acquisitions or dispositions of securities and similar expenses of investment and reinvestment of the Trust, shall be paid from the Trust. Such reasonable compensation of the Administrator, as may be agreed upon from time to time by the Employer and the Administrator, and reimbursement for reasonable expenses incurred by the Administrator in performance of its duties hereunder (including but not limited to fees for legal, accounting, investment and custodial services) shall also be paid from the Trust.
- 6.04 Payment of Benefits.** The payment of benefits from the Trust in accordance with the terms of the Plan may be made by the Administrator, or by any custodian or other person so authorized by the Employer to make such disbursement. The Administrator, custodian or other person shall not be liable with respect to any distribution of Trust assets made at the direction of the Employer.
- 6.05 Investment Funds.** In accordance with uniform and nondiscriminatory rules established by the Employer and the Administrator, the Participant may direct his or her Accounts to be invested in one (1) or more investment funds available under the Plan (including a fund or investment that consists of or is available through an open brokerage window); provided, however, that the Participant's investment directions shall

not violate any investment restrictions established by the Employer. Neither the Employer, the Administrator, nor any other person shall be liable for any losses incurred by virtue of following such directions or with any reasonable administrative delay in implementing such directions.

- 6.06 Valuation of Accounts.** As of each Accounting Date, the Plan assets held in each investment fund offered shall be valued at fair market value and the investment income and gains or losses for each fund shall be determined. Such investment income and gains or losses shall be allocated proportionately among all Account balances on a fund-by-fund basis. The allocation shall be in the proportion that each such Account balance as of the immediately preceding Accounting Date bears to the total of all such Account balances as of that Accounting Date. For purposes of this Article, all Account balances include the Account balances of all Participants and Beneficiaries.
- 6.07 Participant Loan Accounts.** Participant loan accounts shall be invested in accordance with Section 8.03 of the Plan. Such Accounts shall not share in any investment income and gains or losses of the investment funds described in Sections 6.05 and 6.06.
- 6.08 Crediting of Accounts.** The Participant's Account shall reflect the amount and value of the investments or other property obtained by the Employer through the investment of the Participant's Deferred Compensation pursuant to Sections 6.05 and 6.06. It is anticipated that the Employer's investments with respect to a Participant will conform to the investment preference specified in the Participant's Joinder Agreement, but nothing herein shall be construed to require the Employer to make any particular investment of a Participant's Deferred Compensation. Each Participant shall receive periodic reports, not less frequently than annually, showing the then current value of his or her Account.
- 6.09 Post-Severance Transfers Among Eligible Deferred Compensation Plans.**
- (a) *Incoming Transfers:* A transfer may be accepted from an eligible deferred compensation plan maintained by another employer and credited to a Participant's or Beneficiary's Account under the Plan if:
- (1) In the case of a transfer for a Participant, the Participant has had a Severance Event with that employer and become an Employee of the Employer;
 - (2) The other employer's plan provides that such transfer will be made; and
 - (3) The Participant or Beneficiary whose deferred amounts are being transferred will have an amount immediately after the transfer at least equal to the deferred amount immediately before the transfer.

The Employer may require such documentation from the predecessor plan as it deems necessary to effectuate the transfer in accordance with Section 457(e)(10) of the Code, to confirm that such plan is an eligible deferred compensation plan within the meaning of Section 457(b) of the Code, and to assure that transfers are provided for under such plan. The Employer may refuse to accept a transfer in the form of assets other than cash, unless the Employer and the Administrator agree to hold such other assets under the Plan.

- (b) *Outgoing Transfers:* An amount may be transferred to an eligible deferred compensation plan maintained by another employer, and charged to a Participant's or Beneficiary's Account under this Plan, if:
- (1) In the case of a transfer for a Participant, the Participant has a Severance Event with the Employer and becomes an employee of the other employer;
 - (2) The other employer's plan provides that such transfer will be accepted;

- (3) The Participant or Beneficiary and the employers have signed such agreements as are necessary to assure that the Employer's liability to pay benefits to the Participant has been discharged and assumed by the other employer; and
- (4) The Participant or Beneficiary whose deferred amounts are being transferred will have an amount immediately after the transfer at least equal to the deferred amount immediately before the transfer.

The Employer may require such documentation from the other plan as it deems necessary to effectuate the transfer, to confirm that such plan is an eligible deferred compensation plan within the meaning of Section 457(b) of the Code, and to assure that transfers are provided for under such plan. Such transfers shall be made only under such circumstances as are permitted under Section 457 of the Code and the regulations thereunder.

6.10 Transfers Among Eligible Deferred Compensation Plans of the Employer.

- (a) *Incoming Transfers.* A transfer may be accepted from another eligible deferred compensation plan maintained by the Employer and credited to a Participant's or Beneficiary's Account under the Plan if:
 - (1) The Employer's other plan provides that such transfer will be made;
 - (2) The Participant or Beneficiary whose deferred amounts are being transferred will have an amount immediately after the transfer at least equal to the deferred amount immediately before the transfer; and
 - (3) The Participant or Beneficiary whose deferred amounts are being transferred is not eligible for additional annual deferrals in the Plan unless the Participant or Beneficiary is performing services for the Employer.
- (b) *Outgoing Transfers.* An amount may be transferred to another eligible deferred compensation plan maintained by the Employer and credited to a Participant's or Beneficiary's Account under the Plan if:
 - (1) The Employer's other plan provides that such transfer will be accepted;
 - (2) The Participant or Beneficiary whose deferred amounts are being transferred will have an amount immediately after the transfer at least equal to the deferred amount immediately before the transfer; and
 - (3) The Participant or Beneficiary whose deferred amounts are being transferred is not eligible for additional annual deferrals in the Employer's other eligible deferred compensation plan unless the Participant or Beneficiary is performing services for the Employer.

6.11 Eligible Rollover Distributions.

- (a) *Incoming Rollovers:* An eligible rollover distribution may be accepted from an eligible retirement plan and credited to a Participant's Account under the Plan. The Employer may require such documentation from the distributing plan as it deems necessary to effectuate the rollover in accordance with Section 402 of the Code and to confirm that such plan is an eligible retirement plan within the meaning of Section 402(c)(8)(B) of the Code. The Plan shall separately account (in one (1) or more separate accounts) for eligible rollover distributions from any eligible retirement plan.

- (b) *Outgoing Rollovers:* Notwithstanding any provision of the Plan to the contrary that would otherwise limit a distributee's election under this Section, a distributee may elect, at the time and in the manner prescribed by the Administrator, to have any portion of an eligible rollover distribution paid directly to an eligible retirement plan specified by the distributee in a direct rollover.

(c) *Definitions:*

- (1) **Eligible Rollover Distribution:** An eligible rollover distribution is any distribution of all or any portion of the balance to the credit of the distributee, except that an eligible rollover distribution does not include: any distribution that is one of a series of substantially equal periodic payments (not less frequently than annually) made for the life (or life expectancy) of the distributee or the joint lives (or joint life expectancies) of the distributee and the distributee's named beneficiary, or for a specified period of ten years or more; any distribution to the extent such distribution is required under Sections 401(a)(9) and 457(d)(2) of the Code; and any distribution made as a result of an unforeseeable emergency of the employee. Subject to Section 9.04 (related to rollovers of Roth amounts), for purposes of distributions from other eligible retirement plans rolled over into this Plan, the term eligible rollover distribution shall not include the portion of any distribution that is not includible in gross income (determined without regard to the exclusion for net unrealized appreciation with respect to employer securities), such as after-tax contributions.
- (2) **Eligible Retirement Plan:** An eligible retirement plan is an individual retirement account described in Section 408(a) of the Code, an individual retirement annuity described in Section 408(b) of the Code, an annuity plan described in Sections 403(a) or 403(b) of the Code, a qualified trust described in Section 401(a) of the Code, or an eligible deferred compensation plan described in Section 457(b) of the Code which is maintained by an eligible governmental employer described in Section 457(e)(1)(A) of the Code, that accepts the distributee's eligible rollover distribution. Effective for distributions after December 31, 2007, a Participant may elect to have any portion of an Eligible Rollover Distribution paid directly to a Roth IRA described in Section 408A of the Code. Such a direct payment, as a qualified rollover distribution described in Section 408A(e)(1) of the Code, would be taxable to the Participant to the extent required by Section 408A(d)(3) of the Code.
- (3) **Distributee:** A distributee includes an Employee or former Employee. In addition, the Employee's or former Employee's surviving spouse and the Employee's or former Employee's spouse or former spouse who is the alternate payee under a qualified domestic relations order, as defined in Section 414(p) of the Code, are distributees with regard to the interest of the spouse or former spouse. For distributions after December 31, 2006 (unless the Employer elected a different effective date in a prior plan document, a distributee includes the Employee's or former Employee's nonspouse designated Beneficiary, in which case, the distribution can only be transferred to a traditional or Roth IRA established on behalf of the nonspouse designated Beneficiary, in the Participant's name, for the purpose of receiving the distribution.
- (4) **Direct Rollover:** A direct rollover is a payment by the plan to the eligible retirement plan specified by the distributee.

(d) *Rollover by a Non-Spouse Designated Beneficiary*

- (1) Unless otherwise elected by the Employer, for distributions in Plan Years beginning after December 31, 2006 but on or before December 31, 2009, a non-spouse Beneficiary who qualifies as a

“designated beneficiary” under Code Section 401(a)(9)(E) may establish an individual retirement plan that will be treated as an inherited IRA pursuant to the provisions of Code Section 402(c)(11) into which all or a portion of a death benefit distribution from this Plan can be transferred directly. A trust maintained for the benefit of one (1) or more designated beneficiaries shall be treated in the same manner as a designated beneficiary.

- (2) Notwithstanding subsection (1), for distributions in Plan Years beginning after December 31, 2009, a non-spouse Beneficiary who qualifies as a “designated beneficiary” under Code Section 401(a)(9)(E) may establish an individual retirement plan that will be treated as an inherited IRA pursuant to the provisions of Code Section 402(c)(11) into which all or a portion of a death benefit distribution from this Plan can be transferred directly. A trust maintained for the benefit of one (1) or more designated beneficiaries shall be treated in the same manner as a designated beneficiary.
- (3) Notwithstanding anything herein to the contrary, a death benefit distribution shall not be eligible for transfer to an inherited IRA to the extent such distribution is a required minimum distribution under Code Section 401(a)(9).
- (4) If the dates noted above are modified by the Employer’s prior plan document, the December 31, 2009 dates in subsections (1) and (2), above, will be modified, as applicable, by the Employer’s prior plan document.

6.12 Trustee-to-Trustee Transfers to Purchase Permissive Service Credit. All or a portion of a Participant’s Account may be transferred directly to the trustee of a defined benefit governmental plan (as defined in Section 414(d) of the Code) if such transfer is (a) for the purchase of permissive service credit (as defined in Section 415(n)(3)(A) of the Code) under such plan, or (b) a repayment to which Section 415 of the Code does not apply by reason of subsection (k)(3) thereof, within the meaning of Section 457(e)(17) of the Code.

6.13 Treatment of Distributions of Amounts Previously Rolled Over From 401(a) and 403(b) Plans and IRAs. For purposes of Section 72(t) of the Code, a distribution from this Plan shall be treated as a distribution from a qualified retirement plan described in Section 4974(c)(1) of the Code to the extent that such distribution is attributable to an amount transferred to an eligible deferred compensation plan from a qualified retirement plan (as defined in Section 4974(c) of the Code).

6.14 Employer Liability. In no event shall the Employer’s liability to pay benefits to a Participant under this Plan exceed the value of the amounts credited to the Participant’s Account; neither the Employer nor the Administrator shall be liable for losses arising from depreciation or shrinkage in the value of any investments acquired under this Plan.

Article VII. Benefits

7.01 Retirement Benefits and Election on Severance Event.

- (a) *General Rule:* Except as otherwise provided in this Article VII, the distribution of a Participant’s Account shall commence as of a Participant’s Automatic Distribution Date, and the distribution of such benefits shall be made in accordance with one of the payment options described in Section 7.02. Notwithstanding the foregoing, but subject to the following paragraphs of this Section 7.01, the Participant may elect following a Severance Event to have the distribution of benefits commence on a fixed determinable date other than that described in the preceding sentence, but not later than April 1 of

the year following the year of the Participant's retirement or attainment of age 70½, whichever is later. The Participant's right to change his or her election with respect to commencement of the distribution of benefits shall not be restrained by this Section 7.01. Notwithstanding the foregoing, the Administrator, in order to ensure the orderly administration of this provision, may establish a deadline after which such election to defer the commencement of distribution of benefits shall not be allowed for those benefits administered by Administrator.

- (b) *Loans:* Notwithstanding the foregoing provisions of this Section 7.01, no election to defer the commencement of benefits after a Severance Event shall operate to defer the distribution of any amount in the Participant's loan account in the event of a default of the Participant's loan.

7.02 Payment Options. As provided in Sections 7.01 and 7.04, a Participant may elect to have the value of the Participant's Account distributed in accordance with one of the following payment options, provided that such option is consistent with the limitations set forth in Section 7.03:

- (a) Equal monthly, quarterly, semi-annual or annual payments in an amount chosen by the Participant, continuing until his or her Account is exhausted;
- (b) One (1) lump-sum payment;
- (c) Approximately equal monthly, quarterly, semi-annual or annual payments, calculated to continue for a period certain chosen by the Participant;
- (d) Annual Payments equal to the minimum distributions required under Section 401(a)(9) of the Code, including the incidental death benefit requirements of Section 401(a)(9)(G), over the life expectancy of the Participant or over the life expectancies of the Participant and his or her Beneficiary;
- (e) Payments equal to payments made by the issuer of a retirement annuity policy acquired by the Employer;
- (f) A split distribution under which payments under options (a), (b), (c) or (e) commence or are made at the same time, as elected by the Participant under Section 7.01, provided that all payments commence (or are made) by the latest benefit commencement date permitted under Section 7.01;
- (g) Any other payment option elected by the Participant and agreed to by the Employer and Administrator.

A Participant's selection of a payment option under Subsections (a), (c), or (g) above may include the selection of an automatic annual cost-of living increase. Such increase will be based on the rise in the Consumer Price Index for All Urban Consumers (CPI-U) from the third quarter of the last year in which a cost-of-living increase was provided to the third quarter of the current year. Any increase will be made in periodic payment checks beginning the following January.

7.03 Limitation on Options. A Participant may not select a payment option under subsections 7.02(a) or (c) if the amount of any such periodic payment is less than \$100. No payment option may be selected by a Participant under Sections 7.02 or 7.04 unless it satisfies the requirements of Sections 401(a)(9) and 457(d)(2) of the Code, including the requirement that payments commencing before the death of the Participant shall satisfy the incidental death benefit requirements under Section 401(a)(9)(G) of the Code.

7.04 Minimum Required Distributions. Notwithstanding any provision of the Plan to the contrary, the Plan shall comply with the minimum required distribution rules set forth in Sections 457(d)(2) and 401(a)(9) of the

Code, including the incidental death benefit requirements of Section 401(a)(9)(G) of the Code.

- (a) *Application of Minimum Distribution Requirements:* The minimum distribution requirements of Section 401(a)(9) of the Code shall only apply to the Plan to the extent that such requirements are applicable by law for a year. Pursuant to the Worker, Retiree, and Employer Recovery Act of 2008 ("WRERA"), required minimum distributions were suspended for 2009.
- (b) *Special Rule for Scheduled Installment Payments:* All installment payments scheduled to be distributed to a Participant prior to the effective date of a suspension of the required minimum distribution provisions of Code Section 401(a)(9) shall be distributed as scheduled unless the Participant affirmatively elects to have the payments stopped. Notwithstanding the foregoing, for purposes of this Section 7.04(b), the effective date of the suspension of the required minimum distribution provisions for 2009 shall be deemed January 6, 2009.

7.05 Time and Manner of Distribution.

- (a) *Automatic Distribution Date.* The Automatic Distribution Date is April 1 of the year that follows the later of (1) the calendar year the Participant attains age 70½ or (2) retires due to a Severance Event. If the Participant postpones the required distribution due in the calendar year he or she attains age 70½ or severs employment, to the Automatic Distribution Date, the second required minimum distribution must be taken by the end of that year. The Participant's Account will be distributed, or begin to be distributed to the Participant no later than the Participant's Automatic Distribution Date.
- (b) *Death of Participant Before Distributions Begin.* Except as otherwise permitted by Section 401(a)(9) of the Code, if the Participant dies before distributions begin, the Participant's Account will be distributed, or begin to be distributed, no later than as follows:
 - (1) If the Participant's surviving spouse is the Participant's sole Designated Beneficiary, then, distributions to the surviving spouse will begin by December 31 of the calendar year immediately following the calendar year in which the Participant died, or by December 31 of the calendar year in which the Participant would have attained age 70½, if later.
 - (2) If the Participant's surviving spouse is not the Participant's sole Designated Beneficiary, then distributions to the Designated Beneficiary will begin by December 31 of the calendar year immediately following the calendar year in which the Participant died.
 - (3) If there is no Designated Beneficiary as of September 30 of the year following the year of the Participant's death, the Participant's Account will be distributed by December 31 of the calendar year containing the fifth anniversary of the Participant's death.
 - (4) If the Participant's surviving spouse is the Participant's sole Designated Beneficiary and the surviving spouse dies after the Participant but before distributions to the surviving spouse begin, this subparagraph 7.05(b), other than subsection 7.05(b)(1), will apply as if the surviving spouse were the Participant.

Distributions are considered to begin on the Participant's Automatic Distribution Date for purposes of this Section 7.05 and Section 7.07, unless Section 7.05(b)(4) applies. If Section 7.05(b)(4) applies, distributions are considered to begin on the date distributions are required to begin to the surviving spouse under Section 7.05(b)(1). If distributions under an annuity purchased from an insurance company irrevocably commence to the Participant before the Participant's Automatic Distribution Date (or to the Participant's surviving spouse before the date distributions are required to begin to the surviving spouse under Section 7.05(b)(1)), the date distributions are considered to begin is the date distributions actually

commence.

- (c) *Death of Participant On or After Distributions Begin.* Except as otherwise permitted by Section 401(a)(9) of the Code, if the Participant dies on or after distributions begin and before depleting his or her Account, distributions must commence to the Designated Beneficiary by December 31 of the calendar year immediately following the calendar year in which the Participant died.
- (d) *Forms of Distribution.* Unless the Participant's Account is distributed in the form of an annuity purchased from an insurance company or in a single-sum on or before the Automatic Distribution Date, as of the first Distribution Calendar Year, distributions will be made in accordance with Sections 7.06 and 7.07. If the Participant's Account is distributed in the form of an annuity contract purchased from an insurance company, distributions thereunder will be made in accordance with the requirements of Section 401(a)(9) of the Code and the Income Tax Regulations.

7.06 Required Minimum Distributions During Participant's Lifetime.

- (a) *Amount of Required Minimum Distribution for Each Distribution Calendar Year.* During the Participant's lifetime, the minimum amount that will be distributed for each Distribution Calendar Year is the lesser of:
 - (1) the quotient obtained by dividing the Participant's Account Balance by the distribution period set forth in the Uniform Lifetime Table set forth in Section 1.401(a)(9)-9, Q&A-2, of the Income Tax Regulations using the Participant's age as of the Participant's birthday in the Distribution Calendar Year; or
 - (2) if the Participant's sole Designated Beneficiary for the Distribution Calendar Year is the Participant's spouse, the quotient obtained by dividing the Participant's Account Balance by the number in the Joint and Last Survivor Table set forth in Section 1.401(a)(9)-9, Q&A-3, of the Income Tax Regulations using the Participant's and spouse's attained ages as of the Participant's and spouse's birthdays in the Distribution Calendar Year.
- (b) *Lifetime Required Minimum Distributions Continue Through Year of Participant's Death.* Required minimum distributions will be determined under this Section 7.06 beginning with the first Distribution Calendar Year and continuing up to, and including, the Distribution Calendar Year that includes the Participant's date of death.

7.07 Required Minimum Distributions After Participant's Death.

- (a) *Death On or After Date Distributions Begin.*
 - (1) Participant Survived by Designated Beneficiary. If the Participant dies on or after the date distributions begin and there is a Designated Beneficiary, the minimum amount that will be distributed for each Distribution Calendar Year after the year of the Participant's death is the quotient obtained by dividing the Participant's Account Balance by the longer of the remaining Life Expectancy of the Participant or the remaining Life Expectancy of the Participant's Designated Beneficiary, determined as follows:
 - (i) The Participant's remaining Life Expectancy is calculated using the age of the Participant in the year of death, reduced by one for each subsequent year.
 - (ii) If the Participant's surviving spouse is the Participant's sole Designated Beneficiary, the remaining Life Expectancy of the surviving spouse is calculated for each Distribution Calendar Year after the year of the Participant's death using the surviving spouse's age as of the spouse's birthday in that year. For Distribution Calendar Years

after the year of the surviving spouse's death, the remaining Life Expectancy of the surviving spouse is calculated using the age of the surviving spouse as of the spouse's birthday in the calendar year of the spouse's death, reduced by one for each subsequent calendar year.

- (iii) If the Participant's surviving spouse is not the Participant's sole Designated Beneficiary, the Designated Beneficiary's remaining life expectancy is calculated using the age of the Beneficiary in the year following the year of the Participant's death, reduced by one for each subsequent year.

- (2) No Designated Beneficiary. If the Participant dies on or after the date distributions begin and there is no Designated Beneficiary as of September 30 of the year after the year of the Participant's death, the minimum amount that will be distributed for each Distribution Calendar Year after the year of the Participant's death is the quotient obtained by dividing the Participant's Account Balance by the Participant's remaining Life Expectancy calculated using the age of the Participant in the year of death, reduced by one for each subsequent year.

(b) *Death Before Date Distributions Begin.*

- (1) Participant Survived by Designated Beneficiary. Except as permitted by Section 401(a)(9) of the Code, if the Participant dies before the date distributions begin and there is a Designated Beneficiary, the minimum amount that will be distributed for each Distribution Calendar Year after the year of the Participant's death is the quotient obtained by dividing the Participant's Account Balance by the remaining Life Expectancy of the Participant's Designated Beneficiary, determined as provided in Section 7.07(a).
- (2) No Designated Beneficiary. If the Participant dies before the date distributions begin and there is no Designated Beneficiary as of September 30 of the year following the year of the Participant's death, distribution of the Participant's entire Account will be completed by December 31 of the calendar year containing the fifth anniversary of the Participant's death.
- (3) Death of Surviving Spouse Before Distributions to Surviving Spouse Are Required to Begin. If the Participant dies before the date distributions begin, the Participant's surviving spouse is the Participant's sole Designated Beneficiary, and the surviving spouse dies before distributions are required to begin to the surviving spouse under Section 7.05(b)(1), this Section 7.07(b) will apply as if the surviving spouse were the Participant.

7.08 Definitions.

- (a) *Designated Beneficiary*. The individual who is a designated by the Participant (or the Participant's surviving spouse) as the Beneficiary of the Participant's interest under the Plan and who is the Designated Beneficiary under Section 401(a)(9) of the Code and Section 1.401(a)(9)-4 of the Income Tax Regulations.
- (b) *Distribution Calendar Year*. A calendar year for which a minimum distribution is required. For distributions beginning before the Participant's death, the first Distribution Calendar Year is the calendar year immediately preceding the calendar year which contains the Participant's Automatic Distribution Date. For distributions beginning after the Participant's death, the first Distribution Calendar Year is the calendar year in which distributions are required to begin under Sections 7.05(b) and (c). The required minimum distribution for the Participant's first Distribution Calendar Year will be made on or before the Participant's Automatic Distribution Date. The required minimum distribution for other Distribution Calendar Years, including the required minimum distribution for the Distribution Calendar Year in which the Participant's Automatic Distribution Date occurs, will be made on or before December 31 of that Distribution Calendar Year.

- (c) *Life Expectancy.* Life Expectancy as computed by use of the Single Life Table in Section 1.401(a)(9)-9, Q&A-1, of the Income Tax Regulations.
- (d) *Participant's Account Balance.* The Account Balance as of the last Accounting Date in the calendar year immediately preceding the Distribution Calendar Year (valuation calendar year) increased by the amount of any contribution made and allocated or forfeitures allocated to the Account Balance as of dates in the valuation calendar year after the Accounting Date and decreased by distributions made in the valuation calendar year after the Accounting Date. The Account Balance for the valuation calendar year includes any amounts rolled over or transferred to the Plan either in the valuation calendar year or in the Distribution Calendar Year if distributed or transferred in the valuation calendar year.

7.09 Unforeseeable Emergencies.

- (a) In the event an unforeseeable emergency occurs, a Participant, or a Beneficiary with a current unconditional right to all or a portion of the Participant's account balance under the Plan following the death of the Participant, may, unless otherwise elected by the Employer, apply to the Employer (or the Administrator, acting on behalf of the Employer) to receive that part of the value of his or her Account that is reasonably needed to satisfy the emergency need. If such an application is approved by the Employer (or the Administrator, acting on behalf of the Employer), the Participant or Beneficiary shall be paid only such amount as the Employer or Administrator deems necessary to meet the emergency need, but payment shall not be made to the extent that the financial hardship may be relieved through cessation of deferral under the Plan, insurance or other reimbursement, or liquidation of other assets to the extent such liquidation would not itself cause severe financial hardship.
- (b) An unforeseeable emergency shall be deemed to involve only circumstances of severe financial hardship of a Participant or Beneficiary resulting from an illness or accident of the Participant or Beneficiary, the Participant's or Beneficiary's spouse, or the Participant's or Beneficiary's dependent (as defined in Section 152 of the Code, and, for taxable years beginning on or after January 1, 2005, without regard to Sections 152(b)(1), (b)(2), and (d)(1)(B) of the Code); loss of the Participant's or Beneficiary's property due to casualty (including the need to rebuild a home following damage to a home not otherwise covered by homeowner's insurance, e.g., as a result of a natural disaster); or other similar extraordinary and unforeseeable circumstances arising as a result of events beyond the control of the Participant or the Beneficiary. For example, the imminent foreclosure of or eviction from the Participant's or Beneficiary's primary residence may constitute an unforeseeable emergency. In addition, the need to pay for medical expenses, including non-refundable deductibles, as well as for the cost of prescription drug medication, may constitute an unforeseeable emergency. The need to pay for the funeral expenses of a spouse or a dependent (as defined in Section 152 of the Code, and, for taxable years beginning on or after January 1, 2005, without regard to Sections 152(b)(1), (b)(2), and (d)(1)(B) of the Code) may also constitute an unforeseeable emergency. In addition, loss of property due to theft, legal bills involving criminal charges, and lost or reduced wages of the Participant's or Beneficiary's household may constitute an unforeseeable emergency if extraordinary, unforeseeable, and arising as a result of events beyond the control of the Participant or Beneficiary and otherwise meeting the conditions described in Section 7.09(a). Except as otherwise specifically provided in this Section 7.09(b), the purchase of a home and the payment of college tuition are not unforeseeable emergencies.
- (c) Unless otherwise elected by the Employer, the determination of any unforeseeable emergency will be expanded to include circumstances of severe financial hardship resulting from an illness or accident of a Primary Beneficiary or other similar extraordinary and unforeseeable circumstances of a Primary Beneficiary that result in a severe financial hardship.

7.10 In-Service Distribution of Rollover Contributions. Effective January 1, 2006, the Employer may elect to allow Participants to receive an in-service distribution of amounts attributable to rollover contributions to the Plan. If the Employer has elected to make such distributions available, a Participant that has a separate account attributable to rollover contributions to the Plan may at any time elect to receive a distribution of all or any portion of the amount held in the rollover account.

7.11 In-Service Distribution to Participants Age 70½ or Older. Unless otherwise elected by the Employer, a Participant who has reached age 70½ and has not yet had a Severance Event, may, at any time, request a distribution of all or a part of his or her Account.

7.12 Distribution of De Minimis Accounts. Notwithstanding the foregoing provisions of this Article VII:

(a) *Mandatory Distribution:* If the value of a Participant's Account is less than \$1,000, the Participant's Account shall be paid to the Participant in a single lump sum distribution, provided that:

- (1) No amount has been deferred under the Plan with respect to the Participant during the 2-year period ending on the date of the distribution; and
- (2) There has been no prior distribution under the Plan to the Participant pursuant to this Section 7.12.

Notwithstanding any other provisions of the Plan to the contrary, if the amount of a Beneficiary's Account following notification of a Participant's death is less than \$1,000, the Beneficiary's Account may be paid to the Beneficiary in a single lump sum distribution.

(b) *Voluntary Distribution:* If the value of the Participant's Account is at least \$1,000 but not more than the dollar limit under Section 411(a)(11)(A) of the Code, the Participant may elect to receive his or her entire Account in a lump sum payment if:

- (1) No amount has been deferred under the Plan with respect to the Participant during the 2-year period ending on the date of the distribution; and
- (2) There has been no prior distribution under the Plan to the Participant pursuant to this Section 7.12.

7.13 Deemed Severance from Employment.

(a) Unless otherwise elected by the Employer, effective January 1, 2009, a Participant shall be deemed to have a severance from employment solely for purposes of eligibility to receive distributions from the Plan during any period the individual is performing service in the uniformed services (as defined in chapter 43 of title 38, United States Code) for more than thirty (30) days.

(b) If a Participant receives a distribution pursuant to Section 7.13(a), then during the six-month period beginning on the date of the distribution the Participant shall not be permitted to defer compensation.

(c) If a Participant receives a distribution which could be attributable to: (i) a deemed severance from employment described in subsection (a); or (ii) another distribution event under the Plan, then the distribution shall be considered made pursuant to the distribution event referenced in (ii), and the Participant shall not be subject to the limitation on elective deferrals or Voluntary Employee

Contributions set forth in subsection (b).

7.14 Distributions for Health and Long-Term Care Insurance for Public Safety Officers.

- (a) If elected by the Employer, for Plan Years beginning after December 31, 2006, Eligible Retired Public Safety Officers may elect after separation from service to have up to \$3,000 distributed tax-free annually from the Plan in order to pay for Qualified Health Insurance Premiums for an accident or health plan (including a self-insured plan) or a qualified long-term care insurance contract. The Plan shall make such distributions directly to the provider of the accident or health plan or qualified long-term care insurance contract.
- (b) The term “Eligible Retired Public Safety Officer” means an individual who, by reason of disability or attainment of Normal Retirement Age, is separated from service as a Public Safety Officer with the Employer who maintains the eligible retirement plan from which distributions pursuant to this Section are made. The term “Public Safety Officer” has the same meaning given such term by Section 1204(9)(A) of the Omnibus Crime Control and Safe Streets Act of 1968.
- (c) The term “Qualified Health Insurance Premiums” means premiums for coverage for the Eligible Retired Public Safety Officer, his spouse, and dependents, by an accident or health insurance plan or qualified long-term care insurance contract (as defined in Code Section 7702B).

7.15 EESA Provisions. The provisions relating to qualified disaster recovery assistance distributions for Participants affected by certain 2008 severe storms, flooding, and tornadoes and repayment thereof, and relating to repayment of prior qualified distributions for home purchases, set forth in Section 702 of the Emergency Economic Stabilization Act of 2008 (“EESA”) shall apply to the Plan.

7.16 KETRA and GOZA Provisions. The provisions relating to qualified hurricane distributions and repayment thereof set forth in Section 1400Q(a) of the Code, and relating to repayment of prior qualified distributions for home purchases set forth in Code Section 1400Q(b), shall apply to the Plan. These provisions added to the Code by the Katrina Emergency Tax Relief Act of 2005 (“KETRA”) and the Gulf Opportunity Zone Act of 2005 (GOZA), permit plans to allow repayments of certain prior qualified distributions for home purchases for Participants affected by Hurricanes Katrina, Rita, and Wilma.

Article VIII. Loans to Participants

8.01 Availability of Loans to Participants.

- (a) If elected by the Employer, loans will be available to Participants in this Plan. A Participant may apply for a loan from the Plan subject to the limitations and other provisions of this Article.
- (b) The Employer shall establish written guidelines governing the granting of loans, provided that such guidelines are approved by the Administrator and are not inconsistent with the provisions of this Article, and that loans are made available to all applicable Participants on a reasonably equivalent basis.

8.02 Terms and Conditions of Loans to Participants. Any loan by the Plan to a Participant under Section 8.01 of the Plan shall satisfy the following requirements:

- (a) *Availability.* Loans shall be made available to all Participants who are active employees on a reasonably

equivalent basis. Loans shall not be made available to terminated Employees, Beneficiaries, or alternate payees.

- (b) *Interest Rate.* Loans must be adequately secured and bear a reasonable interest rate.
- (c) *Loan Limit.* No Participant loan shall exceed the present value of the Participant's Account.
- (d) *Foreclosure.* In the event of default on any installment payment, the outstanding balance of the loan shall be a deemed distribution. In such event, an actual distribution of a plan loan offset amount will not occur until a distributable event occurs in the Plan.
- (e) *Reduction of Account.* Notwithstanding any other provision of this Plan, the portion of the Participant's Account balance used as a security interest held by the Plan by reason of a loan outstanding to the Participant shall be taken into account for purposes of determining the amount of the Account balance payable at the time of death or distribution, but only if the reduction is used as repayment of the loan.
- (f) *Amount of Loan.* At the time the loan is made, the principal amount of the loan plus the outstanding balance (principal plus accrued interest) due on any other outstanding loans to the Participant from the Plan and from all other plans of the Employer that are either eligible deferred compensation plans described in Section 457(b) of the Code or qualified employer plans under Section 72(p)(4) of the Code shall not exceed the lesser of:
 - (1) \$50,000, reduced by the excess (if any) of
 - (i) The highest outstanding balance of loans from the Plan during the one (1) year period ending on the day before the date on which the loan is made; over
 - (ii) The outstanding balance of loans from the Plan on the date on which such loan is made; or
 - (2) One-half of the value of the Participant's interest in all of his or her Accounts under this Plan.

For the purpose of the above limitation, all loans from all qualified employer plans of the Employer under Code Section 72(p)(4) are aggregated.

- (g) *Application for Loan.* The Participant must give the Employer adequate written notice, as determined by the Employer, of the amount and desired time for receiving a loan. No more than one (1) loan may be made by the Plan to a Participant in any twelve-month period, unless a different period is elected by the Employer. No loan shall be approved if an existing loan from the Plan to the Participant is in default to any extent.
- (h) *Length of Loan.* Any loan issued shall require the Participant to repay the loan in substantially equal installments of principal and interest, at least monthly, over a period that does not exceed five (5) years from the date of the loan; provided, however, that if the proceeds of the loan are applied by the Participant to acquire any dwelling unit that is to be used within a reasonable time (determined at the time of the loan is made) after the loan is made as the principal residence of the Participant, the five (5) year limit shall not apply. In this event, the period of repayment shall not exceed a reasonable period determined by the Employer. Principal installments and interest payments otherwise due may be suspended for up to one (1) year during an authorized leave of absence, if the promissory note so provides, but not beyond the original term permitted under this subsection (h), with a revised payment schedule (within such term) instituted at the end of such period of suspension.

- (i) *Prepayment.* The Participant shall be permitted to repay the loan in whole or in part at any time prior to maturity, without penalty.
- (j) *Promissory Note.* The loan shall be evidenced by a promissory note executed by the Participant and delivered to the Employer, and shall bear interest at a reasonable rate determined by the Employer.
- (k) *Security.* The loan shall be secured by an assignment of the participant's right, title and interest in and to his or her Account.
- (l) *Assignment or Pledge.* For the purposes of paragraphs (f) and (g), assignment or pledge of any portion of the Participant's interest in the Plan and a loan, pledge, or assignment with respect to any insurance contract purchased under the Plan, will be treated as a loan.
- (m) *Other Terms and Conditions.* The Employer shall fix such other terms and conditions of the loan as it deems necessary to comply with legal requirements, to maintain the eligibility of the Plan and Trust under Section 457 of the Code, or to prevent the treatment of the loan for tax purposes as a distribution to the Participant. The Employer, in its discretion for any reason, may also fix other terms and conditions of the loan, not inconsistent with the provisions of this Article, including:
 - (1) the circumstances under which a loan becomes immediately due and payable, provided, however, with respect to loans issued after December 31, 2012, that the loan program shall not provide that a loan becomes due and payable solely because the Participant requests or receives a partial distribution of the Participant's account balance after termination of employment;
 - (2) rules relating to reamortization of loans; and
 - (3) rules relating to refinance of loans.

8.03 Participant Loan Accounts.

- (a) Upon approval of a loan to a Participant by the Employer, an amount not in excess of the loan shall be transferred from the Participant's other investment fund(s), described in Section 6.05 of the Plan, to the Participant's loan account as of the Accounting Date immediately preceding the agreed upon date on which the loan is to be made.
- (b) The assets of a Participant's loan account may be invested and reinvested only in promissory notes received by the Plan from the Participant as consideration for a loan permitted by Section 8.01 of the Plan or in cash. Uninvested cash balances in a Participant's loan account shall not bear interest. Neither the Employer, the Administrator, nor any other person shall be liable for any loss, or by reason of any breach, that results from the Participant's exercise of such control.
- (c) Repayment of principal and payment of interest shall be made by payroll deduction or, Automated Clearing House (ACH) transfer, or with respect to a terminated Employee solely by ACH, and shall be invested in one (1) or more other investment funds, in accordance with Section 6.05 of the Plan, as of the next Accounting Date after payment thereof to the Trust. The amount so invested shall be deducted from the Participant's loan account. A payment intended to be a prepayment or payment of the loan in full may also be made by cashier's check or money order, and shall be invested in accordance with this provision.
- (d) The Employer shall have the authority to establish other reasonable rules, not inconsistent with the

provisions of the Plan, governing the establishment and maintenance of Participant loan accounts.

Article IX. Roth Provisions

This Article IX has no effect unless and until the Employer affirmatively elects to offer Designated Roth Accounts.

9.01 Definitions. The following definitions shall apply for purposes of this Article IX.

- (a) *Designated Roth Account.* A bookkeeping account established and maintained to record the Participant's Roth Elective Deferrals, In-Plan Roth Conversions, rollovers from designated Roth account under other eligible retirement plans, and the income gains and losses thereon. Unless specifically stated otherwise, all references in the Plan to a Participant's Account shall include a Participant's Designated Roth Account.
- (b) *In-Plan Roth Conversion.* (1) A distribution from a Participant's Pre-Tax Account that is rolled over to the Participant's Designated Roth Account under the Plan, as described in Code Section 402A(c)(4)(B); or (2) A transfer from an amount in the Participant's Pre-Tax Account not otherwise distributable from the Plan to the Participant's Designated Roth Account under the Plan, as described in Code Section 402A(c)(4)(E), to the extent permitted by Section 9.05(e).
- (c) *Pre-Tax Account.* A bookkeeping account established and maintained to record the portion of the Participant's Account attributable to amounts other than Roth Elective Deferrals, In-Plan Roth Conversions, rollovers from designated Roth accounts under other eligible retirement plans, and the income gains and losses thereon. Unless specifically stated otherwise, all references in the Plan to a Participant's Account shall include a Participant's Pre-Tax Account.
- (d) *Qualified Roth Contribution Program.* A program described in paragraph (1) of Code Section 402A(b), under which a Participant may make Roth Elective Deferrals in lieu of all or a portion of the elective deferrals the Participant is otherwise eligible to make under the Plan.
- (e) *Roth Elective Deferrals.* Deferred Includible Compensation contributed pursuant to Section 9.02 by a Participant, which amounts are:
 - (1) designated irrevocably by the Participant at the time of the deferral election as a Roth elective deferral that is being made in lieu of all or a portion of the pre-tax deferrals the Participant is otherwise eligible to make under the Plan; and
 - (2) treated by the Employer as includible in the Participant's income at the time the Participant otherwise would have received that amount as Includible Compensation.

9.02 Permitted Roth Elective Deferrals

- (a) If the Employer elects to offer Designated Roth Accounts, as of the effective date of such election, a Participant shall be permitted to make Roth Elective Deferrals from his or her Includible Compensation in such amount or percentage as may be specified in the Joinder Agreement. A Participant's Roth Elective Deferrals will be allocated to a separate Designated Roth Account maintained for such deferrals as defined in Section 9.01(a) above.
- (b) Unless specifically stated otherwise, Roth Elective Deferrals will be treated as Deferred Compensation for all purposes under the Plan.

9.03 Separate Accounting

- (a) Contributions and withdrawals of Roth Elective Deferrals, In-Plan Roth Conversions and rollovers from a designated Roth account under an eligible retirement plan will be credited and debited to a Participant's Designated Roth Account.
- (b) The Plan will maintain a record of the amount of Roth Elective Deferrals, In-Plan Roth Conversions, and rollovers from a designated Roth account under an eligible retirement plan in each Participant's Designated Roth Account.
- (c) Gains, losses, and other credits or charges must be separately allocated on a reasonable and consistent basis to each Participant's Designated Roth Account and Pre-Tax Account under the Plan.
- (d) No contributions other than Roth Elective Deferrals, In-Plan Roth Conversions, and rollovers from a designated Roth account under an eligible retirement plan and properly attributable earnings thereon will be credited to each Participant's Designated Roth Account.

9.04 Direct Rollovers

- (a) Notwithstanding anything to the contrary in the Plan, a direct rollover of a distribution from a Designated Roth Account under the Plan shall be made only to another designated Roth account under an eligible retirement plan described in Section 402A(e)(1) of the Code or to a Roth IRA described in Section 408A of the Code, and only to the extent the rollover is permitted under the rules of Section 402(c) of the Code.
- (b) Notwithstanding anything to the contrary in the Plan, unless otherwise elected by the Employer, the Plan will accept a rollover contribution to a Designated Roth Account only if it is a direct rollover from another designated Roth account under an eligible retirement plan described in Section 402A(e)(1) of the Code, or if the rollover is an In-Plan Roth Conversion defined in Section 10.05.
- (c) Eligible rollover distributions from a Participant's Designated Roth Account are taken into account in determining whether the total amount of the Participant's Account balances under the Plan exceeds \$1,000 for purposes of mandatory distributions from the Plan.

9.05 In-Plan Roth Conversions. Unless otherwise elected by the Employer, as of the effective date of this Article the Plan shall allow for In-Plan Roth Conversions.

- (a) *Tax Treatment.* The amount of an In-Plan Roth Conversion shall be includible in the Participant's gross income, as though it were not part of a qualified rollover contribution.
- (b) *Irrevocability.* Any election made by the Participant pursuant to Section 9.05(a) to do an In-Plan Roth Conversion shall be irrevocable.
- (c) *Treatment of Loans.* Outstanding plan loans shall be excluded from In-Plan Roth Conversions. Notwithstanding anything herein to the contrary, an In-Plan Roth Conversion shall not accelerate or otherwise cause a Participant to default on an outstanding plan loan.
- (d) *Spousal Consent.* Notwithstanding anything herein to the contrary, if the Plan requires spousal consent for a distribution, a married Participant shall not be required to obtain spousal consent in connection

with an election to make an In-Plan Roth Conversion.

- (e) *In-Plan Roth Conversions of Non-Distributable Amounts.* Effective January 1, 2013, a Participant may transfer, as part of an In-Plan Roth Conversion, an amount that is not otherwise distributable from the Participant's Pre-Tax Account to the Participant's Designated Roth Account. Such transfer shall be treated as a distribution which was contributed in a qualified rollover contribution within the meaning of Code Section 408A(e). Any distribution restrictions that were applicable to the amount before the In-Plan Roth Conversion shall apply to such amount (and earnings and losses thereon) in the Participant's Designated Roth Account. If the Participant's Account or a portion of the Account is subject to a vesting schedule, an In-Plan Roth Conversion is available only if the Account or portion of the Account is fully vested. The Participant may not transfer under this Section 9.05(e) any portion of the Account that is partially vested.

- 9.06 **Availability of Loans from Designated Roth Accounts.** A Participant's Designated Roth Account balance can be included to determine a Participant loan amount under Article VIII. However, unless the Employer elects otherwise, Designated Roth Accounts will not be available as a source for loans under the Plan.

Article X. Non-Assignability

- 10.01 **General.** Except as provided in Article VIII and Section 10.02, no Participant or Beneficiary shall have any right to commute, sell, assign, pledge, transfer or otherwise convey or encumber the right to receive any payments hereunder, which payments and rights are expressly declared to be non-assignable and non-transferable.

10.02 Domestic Relations Orders.

- (a) *Allowance of Transfers:* To the extent required under a final judgment, decree, or order (including approval of a property settlement agreement) that (1) relates to the provision of child support, alimony payments, or marital property rights and (2) is made pursuant to a state domestic relations law, and (3) is permitted under Sections 414(p)(11) and (12) of the Code, any portion of a Participant's Account may be paid or set aside for payment to a spouse, former spouse, child, or other dependent of the Participant (an "Alternate Payee"). Where necessary to carry out the terms of such an order, a separate Account shall be established with respect to the Alternate Payee who shall be entitled to make investment selections with respect thereto in the same manner as the Participant. Any amount so set aside for an Alternate Payee shall be paid in accordance with the form and timing of payment specified in the order. Nothing in this Section shall be construed to authorize any amount to be distributed under the Plan at a time or in a form that is not permitted under Section 457(b) of the Code and is explicitly permitted under the uniform procedures described in Section 10.02(d) below. Notwithstanding the foregoing sentence, if a judgment, decree or order (including approval of a property settlement agreement) that relates to the provision of child support, alimony payments, or the marital property rights of a spouse or former spouse, child, or other dependent of a Participant is made pursuant to the domestic relations law of any State, then the amount of the Participant's Account shall be paid in the manner and to the person or persons so directed in the domestic relations order. Such payment shall be made without regard to whether the Participant is eligible for a distribution of benefits under the Plan. The Administrator shall establish reasonable procedures for determining the status of any such decree or order and for effectuating distribution pursuant to the domestic relations order. Any payment made to a person pursuant to this Section shall be reduced by any required income tax withholding. An Account maintained by the Alternate Payee shall otherwise be treated as if it were a Participant Account.

- (b) *Release from Liability to Participant:* The Employer's liability to pay benefits to a Participant shall be reduced to the extent that amounts have been paid or set aside for payment to an Alternate Payee to paragraph (a) of this Section and the Participant and his or her Beneficiaries shall be deemed to have released the Employer and the Plan Administrator from any claim with respect to such amounts.
- (c) *Participation in Legal Proceedings:* The Employer and Administrator shall not be obligated to defend against or set aside any judgment, decree, or order described in paragraph (a) or any legal order relating to the garnishment of a Participant's benefits, unless the full expense of such legal action is borne by the Participant. In the event that the Participant's action (or inaction) nonetheless causes the Employer or Administrator to incur such expense, the amount of the expense may be charged against the Participant's Account and thereby reduce the Employer's obligation to pay benefits to the Participant. In the course of any proceeding relating to divorce, separation, or child support, the Employer and Administrator shall be authorized to disclose information relating to the Participant's Account to the Alternate Payee (including the legal representatives of the Alternate Payee), or to a court.
- (d) *Determination of Validity of Domestic Relations Orders:* The Administrator shall establish uniform procedures for determining the validity of any domestic relations order. The Administrator's determinations under such procedures shall be conclusive and binding on all parties and shall be afforded the maximum amount of deference permitted by law.

10.03 IRS Levy. Notwithstanding Section 10.01, the Administrator may pay from a Participant's or Beneficiary's Account balance the amount that the Administrator finds is lawfully demanded under a levy issued by the Internal Revenue Service with respect to that Participant or Beneficiary or is sought to be collected by the United States Government under a judgment resulting from an unpaid tax assessment against the Participant or Beneficiary.

10.04 Mistaken Contribution. To the extent permitted by applicable law, if any contribution (or any portion of a contribution) is made to the Plan by a good faith mistake of fact, then after the payment of the contribution, and upon receipt in good order of a proper request approved by the Administrator, the amount of the mistaken contribution (adjusted for any income or loss in value, if any, allocable thereto) shall be returned directly to the Participant or, to the extent required or permitted by the Administrator, to the Employer.

10.05 Payments to Minors and Incompetents. If a Participant or Beneficiary entitled to receive any benefits hereunder is a minor or is adjudged to be legally incapable of giving valid receipt and discharge for such benefits, or is deemed so by the Administrator, benefits will be paid to such persons as the Administrator may designate for the benefit of such Participant or Beneficiary. Such payments shall be considered a payment to such Participant or Beneficiary and shall, to the extent made, be deemed a complete discharge of any liability for such payments under the Plan.

10.06 Procedure When Distributee Cannot Be Located. The Administrator shall make all reasonable attempts to determine the identity and address of a Participant or a Participant's Beneficiary entitled to benefits under the Plan. For this purpose, a reasonable attempt means (a) the mailing by certified mail of a notice to the last known address shown on the Employer or Administrator's records, (b) notification sent to the Social Security Administration or the Pension Benefit Guarantee Corporation (under their program to identify payees under retirement plans), and (c) the payee has not responded within six (6) months. If the Administrator is unable to locate such a person entitled to benefits hereunder, or if there has been no claim made for such benefits, the Trust shall continue to hold the benefits due such person to the extent consistent with applicable law.

Article XI. Relationship to Other Plans and Employment Agreements

This Plan serves in addition to any other retirement, pension, or benefit plan or system presently in existence or hereinafter established for the benefit of the Employer's employees, and participation hereunder shall not affect benefits receivable under any such plan or system. Nothing contained in this Plan shall be deemed to constitute an employment contract or agreement between any Participant and the Employer or to give any Participant the right to be retained in the employ of the Employer. Nor shall anything herein be construed to modify the terms of any employment contract or agreement between a Participant and the Employer.

Article XII. Amendment or Termination of Plan

The Employer may at any time amend this Plan provided that it transmits such amendment in writing to the Administrator at least thirty (30) days prior to the effective date of the amendment. The consent of the Administrator shall not be required in order for such amendment to become effective, but the Administrator shall be under no obligation to continue acting as Administrator hereunder if it disapproves of such amendment.

The Administrator may at any time propose an amendment to the Plan by an instrument in writing transmitted to the Employer. Such amendment shall become effective unless, within the 30-day period beginning on the date the Administrator transmits such amendment, the Employer notifies the Administrator in writing that it disapproves such amendment, in which case such amendment shall not become effective. In the event of such disapproval, the Administrator shall be under no obligation to continue acting as Administrator hereunder.

The Employer may at any time terminate this Plan. In the event of termination, assets of the Plan shall be distributed to Participants and Beneficiaries as soon as administratively practicable following termination of the Plan. Alternatively, assets of the Plan may be transferred to an eligible deferred compensation plan maintained by another eligible governmental employer within the same State if (a) all assets held by the Plan are transferred; (b) the receiving plan provides for the receipt of transfers; (c) the Participants and Beneficiaries whose deferred amounts are being transferred will have an amount immediately after the transfer at least equal to the deferred amount immediately before the transfer; and (d) the Participants or Beneficiaries whose deferred amounts are being transferred are not eligible for additional annual deferrals in the receiving plan unless the Participants or Beneficiaries are performing services for the employer maintaining the receiving plan. In addition, unless otherwise prohibited by applicable law, with respect to Participants or Beneficiaries who cannot be located or who do not elect otherwise, the assets held in the accounts of such Participants or Beneficiaries may be transferred to an individual retirement plan (as defined in Section 7701(a)(37) of the Code) selected by the Employer.

Except as may be required to maintain the status of the Plan as an eligible deferred compensation plan under Section 457(b) of the Code or to comply with other applicable laws, no amendment or termination of the Plan shall divest any Participant of any rights with respect to compensation deferred before the date of the amendment or termination.

Article XIII. Applicable Law

This Plan and Trust shall be construed under the laws of the state where the Employer is located and is established with the intent that it meet the requirements of an "eligible deferred compensation plan" under Section 457(b) of the Code, as amended. The provisions of this Plan and Trust shall be interpreted wherever possible in conformity with the requirements of that Section of the Code.

In addition, notwithstanding any provision of the Plan to the contrary, the Plan shall be administered in compliance with the requirements of Section 414(u) of the Code.

Article XIV. Miscellaneous Items

14.01 Gender and Number. The masculine pronoun, whenever used herein, shall include the feminine pronoun, and the singular shall include the plural, except where the context requires otherwise.

14.02 Electronic Communication and Consent. Unless expressly required otherwise, where this Plan provides that a document, election, notification, direction, signature, or consent will be in writing, such writing may occur through an electronic medium, including but not limited to electronic mail, intranet or internet web posting and online account access, to the fullest extent permitted by applicable law.

DECLARATION OF TRUST

This Declaration of Trust (the “Group Trust Agreement”) is made as of the 19th day of May, 2001, by VantageTrust Company, which declares itself to be the sole Trustee of the trust hereby created.

WHEREAS, the ICMA Retirement Trust was created as a vehicle for the commingling of the assets of governmental plans and governmental units described in Section 818(a)(6) of the Internal Revenue Code of 1986, as amended, pursuant to a Declaration of Trust dated October 4, 1982, as subsequently amended, a copy of which is attached hereto and incorporated by reference as set out below (the “ICMA Declaration”); and

WHEREAS, the trust created hereunder (the “Group Trust”) is intended to meet the requirements of Revenue Ruling 81-100, 1981-1 C.B. 326, and is established as a common trust fund within the meaning of Section 391:1 of Title 35 of the New Hampshire Revised Statutes Annotated, to accept and hold for investment purposes the assets of the Deferred Compensation and Qualified Plans held by and through the ICMA Retirement Trust.

NOW, THEREFORE, the Group Trust is created by the execution of this Declaration of Trust by the Trustee and is established with respect to each Deferred Compensation and Qualified Plan by the transfer to the Trustee of such Plan’s assets in the ICMA Retirement Trust, by the Trustees thereof, in accord with the following provisions:

- (a) Incorporation of ICMA Declaration by Reference; ICMA By-Laws. Except as otherwise provided in this Group Trust Agreement, and to the extent not inconsistent herewith, all provisions of the ICMA Declaration are incorporated herein by reference and made a part hereof, to be read by substituting the Group Trust for the Retirement Trust and the Trustee for the Board of Trustees referenced therein. In this respect, unless the context clearly indicates otherwise, all capitalized terms used herein and defined in the ICMA Declaration have the meanings assigned to them in the ICMA Declaration. In addition, the By-Laws of the ICMA Retirement Trust, as the same may be amended from time-to-time, are adopted as the By-Laws of the Group Trust to the extent not inconsistent with the terms of this Group Trust Agreement.

Notwithstanding the foregoing, the terms of the ICMA Declaration and By-Laws are further modified with respect to the Group Trust created hereunder, as follows:

- 1. any reporting, distribution, or other obligation of the Group Trust vis-à-vis any Deferred Compensation Plan, Qualified Plan, Public Employer, Public Employer Trustee, or Employer Trust shall be deemed satisfied to the extent that such obligation is undertaken by the ICMA Retirement Trust (in which case the obligation of the Group Trust shall run to the ICMA Retirement Trust); and
- 2. all provisions dealing with the number, qualification, election, term and nomination of Trustees shall not apply, and all other provisions relating to trustees (including, but not limited to,

resignation and removal) shall be interpreted in a manner consistent with the appointment of a single corporate trustee.

(b) *Compliance with Revenue Procedure 81-100.* The requirements of Revenue Procedure 81-100 are applicable to the Group Trust as follows:

1. Pursuant to the terms of this Group Trust Agreement and Article X of the By-Laws, investment in the Group Trust is limited to assets of Deferred Compensation and Qualified Plans, investing through the ICMA Retirement Trust.
2. Pursuant to the By-Laws, the Group Trust is adopted as a part of each Qualified Plan that invests herein through the ICMA Retirement Trust.
3. In accord with the By-Laws, that part of the Group Trust's corpus or income which equitably belongs to any Deferred Compensation and Qualified Plan may not be used for or diverted to any purposes other than for the exclusive benefit of the Plan's employees or their beneficiaries who are entitled to benefits under such Plan.
4. In accord with the By-Laws, no Deferred Compensation Plan or Qualified Plan may assign any or part of its equity or interest in the Group Trust, and any purported assignment of such equity or interest shall be void.

(c) *Governing Law.* Except as otherwise required by federal, state or local law, this Declaration of Trust (including the ICMA Declaration to the extent incorporated herein) and the Group Trust created hereunder shall be construed and determined in accordance with applicable laws of the State of New Hampshire.

(d) *Judicial Proceedings.* The Trustee may at any time initiate an action or proceeding in the appropriate state or federal courts within or outside the state of New Hampshire for the settlement of its accounts or for the determination of any question of construction which may arise or for instructions.

IN WITNESS WHEREOF, the Trustee has executed this Declaration of Trust as of the day and year first above written.

VANTAGETRUST COMPANY



ICMA RETIREMENT CORPORATION
777 NORTH CAPITOL STREET, NE | WASHINGTON, DC 20002-4240
800-669-7400
WWW.ICMARC.ORG
BRC000-28794-0416

ICMA RETIREMENT CORPORATION

457 DEFERRED COMPENSATION PLAN ADOPTION PACKAGE



Governmental 457 Plan and Trust Optional Provisions Election Form

Employers should execute this form to make elections, or change prior elections, related to optional provisions contained in the ICMA Retirement Corporation *457 Governmental Deferred Compensation Plan and Trust* document. This form may also be used by plan sponsors utilizing an individually designed plan document.

Plan Number: 30 - 7573 Employer Plan Name: 2017 FRANKLIN 457 PLAN
City of Franklin, Tennessee

I. PLAN DOCUMENT (If you are establishing a new plan, please skip this section.)

Our Plan currently uses:

- ☐ ICMA-RC's model plan document
- ☐ An individually designed plan document

II. PLAN YEAR

The Plan Year will be (select one):

- ☒ January 1 – December 31 (*Default*); or
- ☐ The 12 month period beginning _____
Month Day

III. ELIGIBILITY REQUIREMENTS

The following group or groups of Employees are eligible to participate in the Plan:

- ☐ All Employees (*Default*)
- ☐ All Full Time Employees
- ☐ Salaried Employees
- ☐ Non-union Employees
- ☐ Management
- ☐ Public Safety Employees
- ☐ General Employees
- ☒ Other Employees (specify the group(s) of eligible employees):

All full time employees hired on or after January 1, 2017

The group specified must correspond to a group of the same designation that is defined in the statutes, ordinances, rules, regulations, personnel manuals or other material in effect in the state or locality of the Employer.

IV. LOANS

Loans are allowed under the Plan.

☐ Yes ☒ No (Default)

If you select "Yes" above, you must also complete and return the Loan Guidelines Agreement in the Loan Implementation Package for 457/401 Plan Sponsors.

V. DISTRIBUTIONS

- a. Distributions while employed with the Employer (in-service distributions) at 70% will be allowed.

☒ Yes (Default) ☐ No

- a. In-service distributions of rollovers are allowed at any time.

☐ Yes ☒ No (Default)

- b. Tax-free distributions for the payment of qualifying insurance premiums for eligible retired public safety officers are available under the Plan.

☒ Yes ☐ No (Default)

- c. Unforeseeable emergency withdrawals are permitted.

☐ Yes (Default) ☒ No

- i. In applying the rules for unforeseeable emergency withdrawals, the determination of any unforeseen emergency shall include circumstances applying to a Primary Beneficiary.

☐ Yes (Default) ☐ No

VI. ROTH PROVISIONS

- a. The Plan will offer Designated Roth Accounts as described in Article IX.

☒ Yes ☐ No (Default)

[If No is selected, skip the remainder of this Section VI]

- b. The Plan will allow In-Plan Roth Conversions as provided in Section 9.05.

☒ Yes (Default) ☐ No

- c. Designated Roth Accounts will be available as a source for loans under the Plan.

☐ Yes ☒ No or N/A (Default)

VII. AUTOMATIC ENROLLMENT

The Plan will offer automatic enrollment.

☐ Yes ☒ No (Default)

If you select "Yes" above, further steps are required to implement this feature, including completing implementation forms. We will contact you.

VIII. DEFERRAL OF SICK PAY, VACATION AND BACK PAY (CHOOSE ANY/ALL THAT APPLY)

Participants may elect to defer

- ☐ Accumulated Sick Pay
- ☐ Accumulated Vacation Pay
- ☐ Back Pay

Note: If no election is made, a Participant will not be able to defer any of these.

The Participant's election to defer accumulated sick pay, accumulated vacation pay, or back pay must be made before the beginning of the month in which these amounts would otherwise be paid or made available to the employee.

IX. EMPLOYER MATCH

Employer will match Elective Deferrals and Default Elective Deferrals ("Deferrals"), beginning with the first payroll period occurring 91 days after a Participant's first Deferral.

☐ Yes ☒ No (Default)

(If No is selected, skip the remainder of this Section IX. IF YES, COMPLETE ALL THAT APPLY)

☐ **Employer Percentage Match of Deferrals**

The Employer shall contribute on behalf of each Participant an amount determined as follows (subject to the limitations of Article V of the Plan):

_____ % of the Deferrals made on behalf of the Participant for the Plan Year (not including Deferrals exceeding _____ % of Earnings or \$ _____);

PLUS _____ % of the Deferrals made on behalf of the Participant for the Plan Year in excess of those included in the above paragraph (but not including Deferrals exceeding in the aggregate _____ % of Earnings or \$ _____).

Employer matching contributions on behalf of a Participant for a Plan Year shall not exceed \$ _____ or _____ % of Earnings, whichever is

(CHOOSE ONE) ☐ more ☐ less.

☐ **Employer Dollar Match of Deferrals**

The Employer shall contribute on behalf of each Participant an amount determined as follows (subject to the limitations of Article V of the Plan):

\$ _____ for each _____ % of Earnings or \$ _____ that the Employer contributes on behalf of the Participant as Deferrals for the Plan Year (not including Deferrals exceeding _____ % of Earnings or \$ _____);

PLUS \$ _____ for each _____ % of Earnings or \$ _____ that
the Employer contributes on behalf of the Participant as Deferrals for the Plan
Year in excess of those included in the above paragraph (but not including
Deferrals exceeding in the aggregate % of Earnings or
\$ _____).

Employer matching contributions on behalf of a Participant for a Plan Year shall
not exceed \$ _____ or _____ % of Earnings, whichever
is

(CHOOSE ONE) ☐ more ☐ less.

X. MILITARY SERVICE ELECTIONS

- a. Plan contributions shall be made under the plan for differential wage payments (i.e. payments made by the employer to an individual performing military service that represents all or a portion of the wages he/she would have received).

☒ Yes (Default) ☐ No

If yes is selected, this is effective beginning January 1, 2009 (or if later, the effective date of the Plan), unless another effective date is filled in here:

- b. A participant shall be deemed to have a severance from employment for purposes of eligibility for a distribution during any period of military service for more than 30 days.

☐ Yes ☒ No (Default)

- c. A participant who dies or becomes Disabled (as defined in the Plan) while performing qualified military service shall receive Plan contributions as if the individual had resumed employment on the day preceding death or disability and then terminated employment on the actual date of death or disability.

☐ Yes ☒ No (Default)

If yes is selected, this is effective for participants who died or became disabled while performing military service on or after January 1, 2007 (or if later, the effective date of the Plan), unless another effective date is filled in here:

_____ (date cannot be prior to January 1, 2007)

XI. SPOUSAL CONSENT (APPLIES ONLY TO COMMUNITY PROPERTY STATES). If your state is not a community property state, skip the remainder of section xi.

Where spousal consent is required, it will apply to:

- ☐ Only to persons who are married (Default)
- ☐ A person who is married, who is a domestic partner under state law, or who is a person in a civil union or other formally recognized personal partnership
- ☐ A person who is married or who is a domestic partner under state law

- ☐ A person who is married or is a person in a civil union or other formally recognized personal partnership

Note: This election applies only for Plans in community property states requiring the consent of a spouse to name someone other than the spouse as a beneficiary, and only for determining who is treated as a "spouse" for this purpose and not for any other Plan purposes.

XII. SUMMARY OF CHANGES. If you are making changes to an existing plan, please summarize the changes along with the effective dates of the changes below and identify the applicable Optional Provisions Election Form section number. If you are establishing a new plan, please skip this section.

a. _____	Effective Date: _____
b. _____	Effective Date: _____
c. _____	Effective Date: _____
d. _____	Effective Date: _____

XIII. EMPLOYER SIGNATURE

By signing, the employer confirms he or she is authorized to make the elections specified on this form.

Employer hereby appoints ICMA-RC as the non-discretionary Plan Administrator in accordance with the terms and conditions of the ICMA Retirement Corporation 457 Governmental Deferred Compensation Plan and Trust.

Employer hereby attests that it is a unit of state or local government or an agency or instrumentality of one or more units of state or local government.

Employer acknowledges that applicable state law may or may not allow for the addition of an Automatic Enrollment Feature in their 457(b) plan administered by ICMA-RC, and Employer assumes full responsibility for the decision to add such a feature to their plan.

Employer Signature: _____

Date (mm/dd/yyyy) ____/____/____

Name (Please Print): _____

Title: _____

Preferred Phone Number: (____) _____

Email Address: _____

Plan Number: _____

DECLARATION OF TRUST

This Declaration of Trust (the "Group Trust Agreement") is made as of the 19th day of May, 2001, by Vantage Trust Company, which declares itself to be the sole Trustee of the trust hereby created.

WHEREAS, the ICMA Retirement Trust was created as a vehicle for the commingling of the assets of governmental plans and governmental units described in Section 818(a)(6) of the Internal Revenue Code of 1986, as amended, pursuant to a Declaration of Trust dated October 4, 1982, as subsequently amended, a copy of which is attached hereto and incorporated by reference as set out below (the "ICMA Declaration"); and

WHEREAS, the trust created hereunder (the "Group Trust") is intended to meet the requirements of Revenue Ruling 81-100, 1981-1 C.B. 326, and is established as a common trust fund within the meaning of Section 391:1 of Title 35 of the New Hampshire Revised Statutes Annotated, to accept and hold for investment purposes the assets of the Deferred Compensation and Qualified Plans held by and through the ICMA Retirement Trust.

NOW, THEREFORE, the Group Trust is created by the execution of this Declaration of Trust by the Trustee and is established with respect to each Deferred Compensation and Qualified Plan by the transfer to the Trustee of such Plan's assets in the ICMA Retirement Trust, by the Trustees thereof, in accord with the following provisions:

- (a) *Incorporation of ICMA Declaration by Reference; ICMA By-Laws.* Except as otherwise provided in this Group Trust Agreement, and to the extent not inconsistent herewith, all provisions of the ICMA Declaration are incorporated herein by reference and made a part hereof, to be read by substituting the Group Trust for the Retirement Trust and the Trustee for the Board of Trustees referenced therein. In this respect, unless the context clearly indicates otherwise, all capitalized terms used herein and defined in the ICMA Declaration have the meanings assigned to them in the ICMA Declaration. In addition, the By-Laws of the ICMA Retirement Trust, as the same may be amended from time-to-time, are adopted as the By-Laws of the Group Trust to the extent not inconsistent with the terms of this Group Trust Agreement.

Notwithstanding the foregoing, the terms of the ICMA Declaration and By-Laws are further modified with respect to the Group Trust created hereunder, as follows:

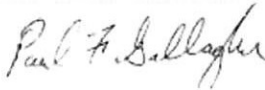
1. any reporting, distribution, or other obligation of the Group Trust vis-à-vis any Deferred Compensation Plan, Qualified Plan, Public Employer, Public Employer Trustee, or Employer Trust shall be deemed satisfied to the extent that such obligation is undertaken by the ICMA Retirement Trust (in which case the obligation of the Group Trust shall run to the ICMA Retirement Trust); and
 2. all provisions dealing with the number, qualification, election, term and nomination of Trustees shall not apply, and all other provisions relating to trustees (including, but not limited to, resignation and removal) shall be interpreted in a manner consistent with the appointment of a single corporate trustee.
- (b) *Compliance with Revenue Procedure 81-100.* The requirements of Revenue Procedure 81-100 are applicable to the Group Trust as follows:
1. Pursuant to the terms of this Group Trust Agreement and Article X of the By-Laws, investment in the Group Trust is limited to assets of Deferred Compensation and Qualified Plans, investing through the ICMA Retirement Trust.
 2. Pursuant to the By-Laws, the Group Trust is adopted as a part of each Qualified Plan that invests herein through the ICMA Retirement Trust.

3. In accord with the By-Laws, that part of the Group Trust's corpus or income which equitably belongs to any Deferred Compensation and Qualified Plan may not be used for or diverted to any purposes other than for the exclusive benefit of the Plan's employees or their beneficiaries who are entitled to benefits under such Plan.
 4. In accord with the By-Laws, no Deferred Compensation Plan or Qualified Plan may assign any or part of its equity or interest in the Group Trust, and any purported assignment of such equity or interest shall be void.
- (c) *Governing Law.* Except as otherwise required by federal, state or local law, this Declaration of Trust (including the ICMA Declaration to the extent incorporated herein) and the Group Trust created hereunder shall be construed and determined in accordance with applicable laws of the State of New Hampshire.
- (d) *Judicial Proceedings.* The Trustee may at any time initiate an action or proceeding in the appropriate state or federal courts within or outside the state of New Hampshire for the settlement of its accounts or for the determination of any question of construction which may arise or for instructions.

IN WITNESS WHEREOF, the Trustee has executed this Declaration of Trust as of the day and year first above written.

VANTAGETRUST COMPANY

By:



Name:

Paul F. Gallagher

Title:

Assistant Secretary

ICMA RETIREMENT CORPORATION
GOVERNMENTAL PROFIT-SHARING PLAN & TRUST



ICMA RETIREMENT CORPORATION GOVERNMENTAL PROFIT-SHARING PLAN & TRUST

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ICMA RETIREMENT CORPORATION GOVERNMENTAL PROFIT-SHARING PLAN & TRUST

I. PURPOSE

The Employer hereby adopts this Plan and Trust to provide funds for its Employees' retirement, and to provide funds for their Beneficiaries in the event of death. The benefits provided in this Plan shall be paid from the Trust. The Plan and the Trust forming a part hereof are adopted and shall be maintained for the exclusive benefit of eligible Employees and their Beneficiaries. Except as provided in Sections 4.14 and 14.03, no part of the corpus or income of the Trust shall revert to the Employer or be used for or diverted to purposes other than the exclusive benefit of Participants and their Beneficiaries.

II. DEFINITIONS

- 2.01 Account.** A separate record which shall be established and maintained under the Trust for each Participant, and which shall include all Participant subaccounts created pursuant to Article IV, plus any Participant Loan Account created pursuant to Section 13.03. Each subaccount created pursuant to Article IV shall include any earnings of the Trust and adjustments for withdrawals, and realized and unrealized gains and losses allocable thereto. The term "Account" may also refer to any of such separate subaccounts.
- 2.02 Accounting Date.** Each day that the New York Stock Exchange is open for trading, and such other dates as may be determined by the Plan Administrator, as provided in Section 6.06 for valuing the Trust's assets.
- 2.03 Adoption Agreement.** The separate agreement executed by the Employer through which the Employer adopts the Plan and elects among the various alternatives provided thereunder, and which upon execution, becomes an integral part of the Plan.
- 2.04 Beneficiary.** The person or persons (including a trust) designated by the Participant who shall receive any benefits payable hereunder in the event of the Participant's death. The designation of such Beneficiary shall be in writing to the Plan Administrator. A Participant may designate primary and contingent Beneficiaries. Where no designated Beneficiary survives the Participant or no Beneficiary is otherwise designated by the Participant, the Participant's Beneficiary shall be his/her surviving spouse or, if none, his/her estate.

Notwithstanding the foregoing, the Beneficiary designation is subject to the requirements of Article XII unless the Employer elects otherwise in the Adoption Agreement.

Notwithstanding the foregoing, where elected by the Employer in the Adoption Agreement (the "QJSA Election"), the Beneficiary designation is subject to the requirements of Article XVII.

Notwithstanding the foregoing, to the extent permitted by the Employer, a Beneficiary receiving required minimum distributions in accordance with Article X and not in a benefit form elected under Article XI or XII, may designate a Beneficiary to receive the required minimum distributions that would have otherwise been payable to the initial Beneficiary but for his or her death.

For purposes of Section 9.07, relating to hardship distributions, the term Primary Beneficiary means an individual who is named as a Beneficiary under the Plan and who has an unconditional right to all or a portion of the Participant's account balance under the plan upon the death of the Participant.

- 2.05 Break in Service.** A Period of Severance of at least twelve (12) consecutive months. In the case of an individual who is absent from work for maternity or paternity reasons, the twelve (12) consecutive month period beginning on the first anniversary of the first date of such absence shall not constitute a Break in Service. For purposes of this paragraph, an absence from work for maternity or paternity reasons means an absence (1) by reason of the pregnancy of the individual, (2) by reason of the birth of a child of the individual, (3) by reason of the placement of a child with the individual in connection with the adoption of such child by such individual, or (4) for purposes of caring for such child for a period beginning immediately following such birth or placement.
- 2.06 Catch-up Contributions.** Elective Deferrals made to the Plan that are in excess of an otherwise applicable plan limit and that are made by Participants who are age 50 or over by the end of their taxable years. An otherwise applicable plan limit is a limit in the Plan that applies to Elective Deferrals without regard to Catch-up Contributions, such as the limits on annual additions and the dollar limitation on Elective Deferrals under Code section 402(g) (not counting Catch-up Contributions). Catch-up Contributions for a Participant for a taxable year may not exceed (1) the dollar limit on Catch-up Contributions under Code section 414(v) (2)(B)(i) for the taxable year or (2) when added to other Elective Deferrals, 75 percent of the Participant's Earnings for the taxable year. The dollar limit on Catch-up Contributions under Code section 414(v)(2)(B)(i) was \$5,000 for taxable years beginning in 2006. After 2006, the \$5,000 limit will be adjusted by the Secretary of the Treasury for cost-of-living increases under Code section 414(v)(2)(C). Any such adjustments will be in multiples of \$500. Catch-up Contributions are not subject to the limits on annual additions. Provisions in the Plan relating to Catch-up Contributions apply to Elective Deferrals made after 2001.
- 2.07 Code.** The Internal Revenue Code of 1986, as amended from time to time.
- 2.08 Covered Employment Classification.** The group or groups of Employees eligible to make and/ or have contributions to this Plan made on their behalf, as specified by the Employer in the Adoption Agreement.
- 2.09 Disability.** A physical or mental impairment which is of such permanence and degree that, as determined by the Employer, a Participant is unable because of such impairment to perform any substantial gainful activity for which he/she is suited by virtue of his/her experience, training, or education and that has lasted, or can be expected to last, for a continuous period of not less than twelve (12) months, or can be expected to result in death. The permanence and degree of such impairment shall be supported by medical evidence. If the Employer maintains a long-term disability plan, the definition of Disability shall be the same as the definition of disability in the long-term disability plan.
- 2.10 Earnings.**
- (a) General Rule. Earnings, which form the basis for computing Employer Contributions, are all of each Participant's W-2 earnings which are actually paid to the Participant during the Plan Year, plus any contributions made pursuant to a salary reduction agreement which are not includible in the gross income of the Employee under section 125, 402(e)(3), 402(h)(1)(B), 403(b), 414(h)(2), 457(b), or, effective January 1, 2001, 132(f)(4) of the Code. Earnings shall include any pre-tax contributions (excluding direct employer contributions) to an integral part trust of the Employer providing retiree health care benefits. Earnings shall also include any other earnings as defined and elected by the Employer in the Adoption Agreement. Unless the Employer elects otherwise in the Adoption Agreement, Earnings shall exclude overtime compensation and bonuses.
 - (b) Limitation on Earnings. For any Plan Year beginning after December 31, 2001, the annual Earnings of each Participant taken into account in determining allocations shall not exceed \$200,000, as adjusted for cost-of-living increases in accordance with section 401(a)(17)(B) of the Code. Annual Earnings means Earnings during the Plan Year or such other consecutive 12-month period over which Earnings is otherwise determined under the Plan (the determination period). The cost-of-living adjustment in effect for a calendar year applies to annual Earnings for the determination period that begins with or within such calendar year.

If a determination period consists of fewer than twelve (12) months, the annual Earnings limit is an amount equal to the otherwise applicable annual Earnings limit multiplied by the fraction, the numerator of which is the number of months in the short Plan Year and the denominator of which is twelve (12).

If Earnings for any prior determination period are taken into account in determining a Participant's allocations for the current Plan Year, the Earnings for such prior year are subject to the applicable annual Earnings limit in effect for that prior year.

- (c) Limitations for Governmental Plans. In the case of an eligible participant in a governmental plan (within the meaning of section 414(d) of the Code), the dollar limitation shall not apply to the extent the Earnings which are allowed to be taken into account under the Plan would be reduced below the amount which was allowed to be taken into account under the Plan as in effect on July 1, 1993, as adjusted for increases in the cost-of-living in accordance with section 401(a)(17)(B) of the Code. For purposes of this Section, an eligible participant is an individual who first became a Participant in the Plan during a Plan Year beginning before the first Plan Year beginning after December 31, 1993.
- (d) Earnings Paid After Severance from Employment. Earnings for purposes of allocations under the Plan shall not include amounts paid after a Participant's severance from Employment with the Employer except as provided in this Section 2.10(d).
 - (1) Leave Cashouts. Earnings shall include payment for unused accrued bona fide sick, vacation, or other leave, but only if (i) the Participant would have been able to use the leave if employment had continued, and (ii) such amounts are paid by the later of 2½ months after severance from employment with the Employer maintaining the Plan or by the end of the calendar year that includes the date of such severance from employment.
 - (2) Regular Pay. Earnings shall include regular pay after severance from employment if:
 - (a) The payment is included in the Participant's W-2 earnings;
 - (b) The payment would have been paid to the Participant prior to a severance from employment if the Participant had continued in employment with the Employer; and
 - (c) Such amounts are paid by the later of 2½ months after severance from employment with the Employer maintaining the Plan or by the end of the calendar year that includes the date of such severance from employment.Notwithstanding anything to the contrary in this subsection (b), unless the Employer has specifically elected to include overtime compensation and bonuses in Earnings, Earnings shall exclude overtime compensation and bonuses paid after severance from employment.
 - (3) Effective Date. This Section 2.10(d) is effective for Plan Years beginning on or after January 1, 2009. For Plan Years beginning before January 1, 2009, the amounts specified in subsections (1) and (2) must be paid within 2½ months after severance from employment with the Employer maintaining the Plan.

2.11 Effective Date. The first day of the Plan Year during which the Employer adopts the Plan, unless the Employer elects in the Adoption Agreement an alternate date as the Effective Date of the Plan.

2.12 Elective Deferrals. Contributions made by the Employer on behalf of the Participant pursuant to Section 4.03.

- 2.13 Employee.** Any individual who has applied for and been hired in an employment position and who is employed by the Employer as a common law employee; provided, however, that Employee shall not include any individual who is not so recorded on the payroll records of the Employer, including any such person who is subsequently reclassified by a court of law or regulatory body as a common law employee of the Employer. For purposes of clarification only and not to imply that the preceding sentence would otherwise cover such person, the term Employee does not include any individual who performs services for the Employer as an independent contractor, or under any other non-employee classification.
- 2.14 Employer.** The unit of state or local government or an agency or instrumentality of one (1) or more states or local governments that executes the Adoption Agreement.
- 2.15 Hour of Service.** Each hour for which an Employee is paid or entitled to payment for the performance of duties for the Employer.
- 2.16 Nonforfeitable Interest.** The nonforfeitable interest of the Participant or his/her Beneficiary (whichever is applicable) is that percentage of his/her Employer Contribution Account balance, which has vested pursuant to Article VII. A Participant shall, at all times, have a one hundred percent (100%) Nonforfeitable Interest in his/her Elective Deferral, Participant Contribution, Rollover, and Voluntary Contribution Accounts.
- 2.17 Normal Retirement Age.** The age which the Employer specifies in the Adoption Agreement. If the Employer enforces a mandatory retirement age, the Normal Retirement Age is the lesser of that mandatory age or the age specified in the Adoption Agreement.
- 2.18 Participant.** An Employee or former Employee for whom contributions have been made under the Plan and who has not yet received all of the payments of benefits to which he/she is entitled under the Plan. A Participant is treated as benefiting under the Plan for any Plan Year during which the participant received or is deemed to receive an allocation in accordance with Treas. Reg. section 1.410(b)-3(a).
- 2.19 Period of Service.** For purposes of determining an Employee's initial or continued eligibility to participate in the Plan or the Nonforfeitable Interest in the Participant's Account balance derived from Employer Contributions, an Employee will receive credit for the aggregate of all time period(s) commencing with the Employee's first day of employment or reemployment and ending on the date a Break in Service begins. The first day of employment or reemployment is the first day the Employee performs an Hour of Service. An Employee will also receive credit for any Period of Severance of less than twelve (12) consecutive months. Fractional periods of a year will be expressed in terms of days.
- Notwithstanding anything to the contrary herein, if the Plan is an amendment and restatement of a plan that previously calculated service under the hours of service method, service shall be credited in a manner that is at least as generous as that provided under Treas. Regs. section 1.410(a)-7(g).
- 2.20 Period of Severance.** A continuous period of time during which the Employee is not employed by the Employer. Such period begins on the date the Employee retires, quits or is discharged, or if earlier, the twelve (12) month anniversary of the date on which the Employee was otherwise first absent from service.
- 2.21 Plan.** This Plan, as established by the Employer, including any elected provisions pursuant to the Adoption Agreement. If the Employer has elected in the Adoption Agreement to permit Participants to make Elective Deferrals, this Plan is a profit-sharing plan containing a 401(k) arrangement.
- 2.22 Plan Administrator.** The person(s) or entity named to carry out certain nondiscretionary administrative functions under the Plan, as hereinafter described, which is the ICMA Retirement Corporation or any successor Plan Administrator. Unless otherwise provided in the Plan, the Plan Administrator shall act at the direction of the Employer and shall be fully protected in acting on such direction.

- 2.23 Plan Year.** The twelve (12) consecutive month period designated by the Employer in the Adoption Agreement.
- 2.24 Trust.** The Trust created under Article VI of the Plan which shall consist of all of the assets of the Plan derived from Employer and Participant contributions under the Plan, plus any income and gains thereon, less any losses, expenses and distributions to Participants and Beneficiaries.

III. ELIGIBILITY

- 3.01 Service.** Except as provided in Sections 3.02 and 3.03 of the Plan, an Employee within the Covered Employment Classification who has completed a twelve (12) month Period of Service shall be eligible to participate in the Plan at the beginning of the payroll period next commencing thereafter. The Employer may elect in the Adoption Agreement to waive or reduce the twelve (12) month Period of Service.

If the Employer maintains the plan of a predecessor employer, service with such employer shall be treated as Service for the Employer.

- 3.02 Age.** The Employer may designate a minimum age requirement, not to exceed age twenty-one (21), for participation. Such age, if any, shall be declared in the Adoption Agreement.
- 3.03 Return to Covered Employment Classification.** In the event a Participant is no longer a member of Covered Employment Classification and becomes ineligible to make contributions and/or have contributions made on his/her behalf, such Employee will become eligible for contributions immediately upon returning to a Covered Employment Classification. If such Participant incurs a Break in Service, eligibility will be determined under the Break in Service rules of the Plan.

In the event an Employee who is not a member of a Covered Employment Classification becomes a member, such Employee will be eligible to participate immediately if such Employee has satisfied the minimum age and service requirements and would have otherwise previously become a Participant.

- 3.04 Service Before a Break in Service.** All Periods of Service with the Employer are counted toward eligibility, including Periods of Service before a Break in Service.

IV. CONTRIBUTIONS

- 4.01 Employer Contributions.** For each Plan Year, the Employer will contribute to the Trust an amount as specified in the Adoption Agreement. The Employer's full contribution for any Plan Year shall be due and paid not later than thirty (30) working days after the close of the Plan Year. Each Participant will share in Employer Contributions for the period beginning on the date the Participant commences participation under the Plan and ending on the date on which such Employee severs employment with the Employer or is no longer a member of a Covered Employment Classification, and such contributions shall be accounted for separately in his Employer Contribution Account. Notwithstanding anything to the contrary herein, if so elected by the Employer in the Adoption Agreement, an Employee shall be required to make contributions as provided pursuant to Section 4.04 or 4.05 in order to be eligible for Employer Contributions to be made on his/her behalf to the Plan.
- 4.02 Forfeitures.** All amounts forfeited by terminated Participants, pursuant to Section 7.06, shall be used no later than the end of the next Plan Year. Forfeitures will be used to reduce dollar for dollar Employer Contributions otherwise required under the Plan. Forfeitures may first be used to pay the reasonable administrative expenses of the Plan, with any remainder being applied to reduce Employer Contributions. If no Employer Contributions are required under the Plan, forfeitures will be allocated in the ratio that the Earnings of each Participant bears to that of all Participants.

4.03 Elective Deferrals and Catch-up Contributions. If the Employer so elects in the Adoption Agreement, and subject to the limitations provided in Article V, a Participant may elect after he/she meets the eligibility requirements provided in Article III to have the Employer make payments either (1) as Elective Deferrals on his/her behalf, pursuant to a properly executed salary reduction agreement, whereby the Employee agrees to reduce his/her future Earnings by a specific amount, and the Employer to contribute such Elective Deferrals to the Trust on behalf of the Employee or (2) to the Employee directly in cash. Such a Participant, if age 50 or over by the end of his or her taxable year, is also permitted to make Catch-up Contributions. Elective Deferrals (and Catch-up Contributions) shall be made by payroll reduction, and shall be accounted for separately in the Participant's Elective Deferral Account. Such Account shall be at all times nonforfeitable by the Participant.

The Employer must provide a period(s), as elected in the Adoption Agreement, of not less than thirty (30) days at least once each calendar year during which a Participant may elect to commence Elective Deferrals and Catch-up Contributions. Such election may not be made retroactively. A Participant's election to commence Elective Deferrals must remain in effect until modified or terminated.

Notwithstanding anything to the contrary elsewhere contained in this Plan, Elective Deferrals and Catch-up Contributions are intended to be employer contributions within the meaning of the Code and regulations, not employee contributions, and relevant provisions shall be construed accordingly.

Elective Deferrals and Catch-up Contributions are available only to an Employer who established a cash or deferred arrangement under section 401(k) of the Code on or before May 6, 1986.

4.04 Mandatory Participant Contributions. If the Employer so elects in the Adoption Agreement, each eligible Employee shall make contributions at a rate prescribed by the Employer or at any of a range of specified rates, as set forth by the Employer in the Adoption Agreement, as a requirement for his/her participation (1) in the Plan or (2) in this portion of the Plan. Once an eligible Employee becomes a Participant and makes an election hereunder, he/she shall not thereafter have the right to discontinue or vary the rate of such Mandatory Participant Contributions. Such contributions shall be accounted for separately in the Participant Contribution Account. Such Account shall be at all times nonforfeitable by the Participant.

If the Employer so elects in the Adoption Agreement, the Mandatory Participant Contributions shall be "picked up" by the Employer in accordance with Code section 414(h)(2). Any contribution "picked up" under this Section shall be treated as an employer contribution in determining the tax treatment under the Code, and shall not be included as gross income of the Participant until it is distributed.

To constitute a Pick-Up Contribution, (1) the Employer must specify in a contemporaneous written document by a person duly authorized by the Employer that the contributions are being paid by the Employer in lieu of contributions by the Employee, and (2) the Employee must not be given the option of choosing to receive the contributed amounts directly instead of having them paid by the Employer to the Plan.

4.05 Employer Matching Contributions of Voluntary Participant Contributions or Elective Deferrals. If the Employer so elects in the Adoption Agreement, Employer Matching Contributions shall be made on behalf of an eligible Employee for a Plan Year only if the Employee agrees to make Voluntary Participant Contributions or Elective Deferrals for that Plan Year. The rate of Employer Contributions shall, to the extent specified in the Adoption Agreement, be based upon the rate at which Voluntary Participant Contributions or Elective Deferrals are made for that Plan Year. Employer Matching Contributions shall be accounted for separately in the Employer Contribution Account.

- 4.06 Voluntary Participant Contributions.** If the Employer so elects in the Adoption Agreement, an eligible Employee may make after-tax voluntary (unmatched) contributions under the Plan for any Plan Year in any amount up to twenty-five percent (25%) of his/her Earnings for such Plan Year. Matched and unmatched contributions shall be accounted for separately in the Participant's Voluntary Contribution Account. Such Account shall be at all times nonforfeitable by the Participant.
- 4.07 Deductible Employee Contributions.** The Plan will not accept deductible employee contributions which are made for a taxable year beginning after December 31, 1986. Contributions made prior to that date will be maintained in a Deductible Employee Contribution Account. The Account will share in the gains and losses under the Plan in the same manner as described in Section 6.06 of the Plan. Such Account shall be at all times nonforfeitable by the Participant. No part of the deductible voluntary contribution account will be used to purchase life insurance.
- 4.08 Final Pay Contributions.** If the Employer so elects in the Adoption Agreement, eligible Participants shall be eligible to make or receive Final Pay Contributions under this Plan in accordance with Article XVIII. This election may be made even if the Employer does not elect to make any other contributions under the Plan.
- 4.09 Accrued Leave Contributions.** If the Employer so elects in the Adoption Agreement, eligible Participants shall be eligible to make or receive Accrued Leave Contributions under this Plan in accordance with Article XIX. This election may be made even if the Employer does not elect to make any other contributions under the Plan.
- 4.10 Military Service Contributions.** Notwithstanding any provision of the Plan to the contrary, effective December 12, 1994, contributions, benefits and service credit with respect to qualified military service will be provided in accordance with section 414(u) of the Code.

Effective December 12, 1994, if the Employer has elected in the Adoption Agreement to make loans available to Participants, loan repayments shall be suspended under the Plan as permitted under section 414(u)(4) of the Code.

4.11 Accrual of Additional Benefits for Qualified Military Service

- (a) Death Benefits with Respect to Qualified Military Service. In the case of a Participant who dies on or after January 1, 2007 while performing qualified military service (as defined in Code section 414(u)) with respect to the Employer, his/her Beneficiary shall have a Nonforfeitable Interest in the Participant's entire Employer Contribution Account to the extent that he/she would have had had the Participant resumed and then terminated employment on account of death.
- (b) Benefit Accruals with Respect to Differential Wage Payments. If the Employer so elects in the Adoption Agreement, effective as elected by the Employer but no earlier than January 1, 2009, Plan contributions shall be made based on differential wage payments (as such term is defined in Code section 3401(h)(2)). Solely for purposes of applying the limits of Code section 415, differential wage payments shall be treated as compensation.
- (c) Benefit Accruals with Respect to Qualified Military Service. Notwithstanding any provision of the Plan to the contrary, effective as elected by the Employer but no earlier than January 1, 2007, if the Employer so elects in the Adoption Agreement, Participants who die or become Disabled while performing qualified military service (as defined in Code section 414(u)) with respect to the Employer shall receive Plan contributions as permitted under Code section 414(u)(9).

4.12 Changes in Participant Election. A Participant may elect to change his/her rate of Elective Deferrals, Catch-up Contributions, or Voluntary Participant Contributions at any time or during an election period as designated by the Employer. A Participant may discontinue such contributions at any time or during an election period as designated by the Employer.

The Employer must provide a period of not less than thirty (30) days at least once each calendar year during which a Participant may elect to terminate an election or to modify the amount or frequency of his/her Elective Deferrals, Catch-up Contributions, or Voluntary Participant Contributions.

4.13 Portability of Benefits.

- (a) Unless otherwise elected by the Employer in the Adoption Agreement, the Plan will accept Participant (which shall include, for purposes of this subsection, an Employee within the Covered Employment Classification whether or not he/she has satisfied the minimum age and service requirements of Article III) rollover contributions and/or direct rollovers of distributions (including after-tax contributions) made after December 31, 2001 that are eligible for rollover in accordance with Section 402(c), 403(a)(4), 403(b)(8), 408(d)(3)(A)(ii), or 457(e)(16) of the Code, from all of the following types of plans:
 - (1) A qualified plan described in Section 401(a) or 403(a) of the Code;
 - (2) An annuity contract described in Section 403(b) of the Code;
 - (3) An eligible plan under Section 457(b) of the Code which is maintained by a state, political subdivision of a state, or any agency or instrumentality of a state or a political subdivision of a state; and
 - (4) An individual retirement account or annuity described in Section 408(a) or 408(b) of the Code (including SEPs, and SIMPLE IRAs after two years of participating in the SIMPLE IRA).
- (b) Notwithstanding the foregoing, the Employer may reject the rollover contribution if it determines, in its discretion, that the form and nature of the distribution from the other plan does not satisfy the applicable requirements under the Code to make the transfer or rollover a nontaxable transaction to the Participant;
- (c) For indirect rollover contributions, the amount distributed from such plan must be rolled over to this Plan no later than the sixtieth (60th) day after the distribution was made from the plan, unless otherwise waived by the IRS pursuant to Section 402(c)(3) of the Code.
- (d) The amount transferred shall be deposited in the Trust and shall be credited to a Rollover Account. Such Account shall be one hundred percent (100%) vested in the Participant.
- (e) The Plan will accept accumulated deductible employee contributions as defined in section 72(o)(5) of the Code that were distributed from a qualified retirement plan and transferred (rolled over) pursuant to section 402(c), 403(a)(4), 403(b)(8), or 408(d)(3) of the Code. Notwithstanding the above, this transferred (rolled over) amount shall be deposited to the Trust and shall be credited to a Deductible Employee Contributions Account. Such Account shall be one-hundred percent (100%) vested in the Participant.
- (f) A Participant may, upon approval by the Employer and the Plan Administrator, transfer his/her interest in another plan maintained by the Employer that is qualified under section 401(a) of the Code to this Plan, provided the transfer is effected through a one-time irrevocable written election made by the Participant. The amount transferred shall be deposited in the Trust and shall be credited to sources that maintain the same attributes as the plan from which they are transferred. Such transfer shall not reduce the accrued years or service credited to the Participant for purposes of vesting or eligibility for any Plan benefits or features.

- 4.14 Return of Employer Contributions.** Any contribution made by the Employer because of a mistake of fact must be returned to the Employer within one year of the date of contribution.

V. LIMITATION ON ELECTIVE DEFERRALS AND ALLOCATIONS

- 5.01 Maximum Elective Deferrals.** Notwithstanding anything to the contrary herein, no Participant shall be permitted to have Elective Deferrals made under this Plan, or Elective Deferrals under any other plan, contract or arrangement maintained by the Employer, during any calendar year, in excess of the dollar limitation contained in section 402(g) of the Code in effect for the Participant's taxable year beginning in such calendar year. In the case of a Participant age 50 or over by the end of the taxable year, the dollar limitation described in the preceding sentence includes the amount of Elective Deferrals that can be Catch-up Contributions. The dollar limitation contained in Code section 402(g) was \$15,000 for taxable years beginning in 2006. After 2006, the \$15,000 limit will be adjusted by the Secretary of the Treasury for cost-of-living increases under section 402(g)(4). Any such adjustments will be in multiples of \$500.

5.02 Distribution of Excess Elective Deferrals.

- (a) A Participant may assign to this Plan any Excess Elective Deferrals made during a preceding taxable year of the Participant by providing the Plan Administrator with written notice on or before March 1 of the amount of Excess Elective Deferrals to be assigned to the Plan. A Participant is deemed to notify the Plan Administrator of any Excess Elective Deferrals that arise by taking into account only those Elective Deferrals made to this Plan and any other plan, contract or arrangement of this Employer. Notwithstanding any other provisions of the Plan, Excess Elective Deferrals, plus any income and minus any loss allocable thereto, shall be distributed no later than April 15 to any Participant whose Excess Elective Deferrals were assigned for the preceding year and who claims Excess Elective Deferrals for such taxable year or calendar year. Participants who claim Excess Elective Deferrals for the preceding taxable year must submit their claims in writing to the Plan Administrator on or before March 1. Distribution of Excess Elective Deferrals for a year shall be made first from a Participant's Pre-tax Elective Deferral account, to the extent Pre-tax Elective Deferrals were made for the year, unless a Participant specifies otherwise.
- (b) Excess Elective Deferrals shall be adjusted for any income or loss.
- (1) For taxable years beginning after 2007, the income or loss allocable to Excess Elective Deferrals is the income or loss allocable to a Participant's Elective Deferral account for the taxable year multiplied by a fraction, the numerator of which is such Participant's Excess Elective Deferrals for the year and the denominator is a Participant's account balance attributable to Elective Deferrals without regard to any income or loss occurring during such taxable year.
- (2) For taxable years beginning before 2008, income or loss allocable to Excess Elective Deferrals also includes ten percent (10%) of the amount determined under subsection (b)(1) multiplied by the number of whole calendar months between the end of the Participant's taxable year and the date of distribution, counting the month of distribution if distribution occurs after the fifteenth (15th) of such month.

5.03 Participants Only in This Plan.

- (a) If the Participant does not participate in, and has never participated in another qualified plan or a welfare benefit fund, as defined in section 419(e) of the Code, maintained by the Employer, or an individual medical account, as defined by section 415(l)(2) of the Code, maintained by the Employer, which provides an Annual Addition, the amount of Annual Additions which may be credited to the Participant's Account for any Limitation Year will not exceed the lesser of the Maximum Permissible Amount or any other limitation contained in this Plan. If the Employer Contribution that would otherwise be contributed or allocated to

the Participant's Account would cause the Annual Additions for the Limitation Year to exceed the Maximum Permissible Amount, the amount contributed or allocated will be reduced so that the Annual Additions for the Limitation Year will equal the Maximum Permissible Amount.

- (b) Prior to determining the Participant's actual Compensation for the Limitation Year, the Employer may determine the Maximum Permissible Amount for a Participant on the basis of a reasonable estimation of the Participant's Compensation for the Limitation Year, uniformly determined for all Participants similarly situated.
- (c) As soon as is administratively feasible after the end of the Limitation Year, the Maximum Permissible Amount for the Limitation Year will be determined on the basis of the Participant's actual Compensation for the Limitation Year.

5.04 Participants in Another Defined Contribution Plan.

- (a) Unless the Employer provides other limitations in the Adoption Agreement, this Section applies if, in addition to this Plan, the Participant is covered under another qualified defined contribution plan maintained by the Employer, or a welfare benefit fund, as defined in section 419(e) of the Code, maintained by the Employer, or an individual medical account, as defined by section 415(l)(2) of the Code, maintained by the Employer, which provides an Annual Addition, during any Limitation Year. The Annual Additions which may be credited to a Participant's Account under this Plan for any such Limitation Year will not exceed the Maximum Permissible Amount reduced by the Annual Additions credited to a Participant's Account under the other plans and welfare benefit funds for the same Limitation Year. If the Annual Additions with respect to the Participant under other defined contribution plans and welfare benefit funds maintained by the Employer are less than the Maximum Permissible Amount and the Employer contribution that would otherwise be contributed or allocated to the Participant's Account under this Plan would cause the Annual Additions for the Limitation Year to exceed this limitation, the amount contributed or allocated will be reduced so that the Annual Additions under all such plans and funds for the Limitation Year will equal the Maximum Permissible Amount. If the Annual Additions with respect to the Participant under such other defined contribution plans and welfare benefit funds in the aggregate are equal to or greater than the Maximum Permissible Amount, no amount will be contributed or allocated to the Participant's Account under this Plan for the Limitation Year.
- (b) Prior to determining the Participant's actual Compensation for the Limitation Year, the Employer may determine the Maximum Permissible Amount for a Participant in the manner described in Section 5.03(b).
- (c) As soon as is administratively feasible after the end of the Limitation Year, the Maximum Permissible Amount for the Limitation Year will be determined on the basis of the Participant's actual Compensation for the Limitation Year.
- (d) If, pursuant to Subsection (c) or as a result of the allocation of forfeitures, a Participant's Annual Additions under this Plan and such other plans would result in an Excess Amount for a Limitation Year, the Excess Amount will be deemed to consist of the Annual Additions last allocated, except that Annual Additions attributable to a welfare benefit fund or individual medical account will be deemed to have been allocated first regardless of the actual allocation date.
- (e) If an Excess Amount was allocated to a Participant on an allocation date of this Plan which coincides with an allocation date of another plan, the Excess Amount attributed to this Plan will be the product of,
 - (1) The total Excess Amount allocated as of such date, multiplied by

- (2) The ratio of (i) the Annual Additions allocated to the Participant for the Limitation Year as of such date under this Plan to (ii) the total Annual Additions allocated to the Participant for the Limitation Year as of such date under this and all the other qualified prototype defined contribution plans.

5.05 Definitions. For the purposes of this Article, the following definitions shall apply:

- (a) Annual Additions: The sum of the following amounts credited to a Participant's account for the Limitation Year:
 - (1) Employer Contributions (including Elective Deferrals and contributions "picked up" by the Employer under Section 4.04);
 - (2) Forfeitures;
 - (3) Employee contributions (including after-tax Voluntary Contributions under Section 4.06 and Mandatory Participant Contributions under Section 4.04 not "picked up" by the Employer); and
 - (4) Allocations under a simplified employee pension. Amounts allocated, after March 31, 1984, to an individual medical account, as defined in section 415(l)(2) of the Code, which is part of a pension or annuity plan maintained by the Employer, are treated as Annual Additions to a defined contribution plan.
- (5) Notwithstanding the above, the term Annual Additions does not include the following:
 - (a) Restorative Payments. Annual Additions for purposes of Code section 415 shall not include restorative payments. For this purpose, restorative payments are payments made to restore losses to a plan resulting from actions by a fiduciary for which there is reasonable risk of liability for breach of a fiduciary duty under applicable federal or state law, where Participants who are similarly situated are treated similarly with respect to the payments. Generally, payments to a defined contribution plan are restorative payments only if the payments are made in order to restore some or all of the plan's losses due to an action (or a failure to act) that creates a reasonable risk of liability for such a breach of fiduciary duty (other than a breach of fiduciary duty arising from failure to remit contributions to the plan). This includes payments to a plan made pursuant to a court-approved settlement to restore losses to a qualified defined contribution plan on account of the breach of fiduciary duty (other than a breach of fiduciary duty arising from failure to remit contributions to the plan). Payments made to a plan to make up for losses due merely to market fluctuations and other payments that are not made on account of a reasonable risk of liability for breach of a fiduciary duty are not restorative payments and generally constitute contributions that give rise to Annual Additions.
 - (b) Other Amounts. Annual Additions for purposes of Code section 415 shall not include (i) the direct transfer of a benefit or employee contributions from a qualified plan to this Plan; (ii) rollover contributions (as described in Code sections 401(a)(31), 402(c)(1), 403(a)(4), 403(b)(8), 408(d)(3), and 457(e)(16)); (iii) repayments of loans made to a Participant from the Plan; (iv) repayments of amounts described in Code section 411(a)(7)(B) (in accordance with Code sections 411(a)(7)(C)) and 411(a)(3)(D) or repayment of contributions to a governmental plan (as defined in Code section 414(d)) as described in Code section 415(k)(3), as well as Employer restorations of benefits that are required pursuant to such repayments; (v) Employee Contributions to a qualified cost of living arrangement within the meaning of Code section 415(k)(2)(B); (vi) catch-up contributions made in accordance with section 414(v) and §1.414(v)-1 and (vii) excess deferrals that are distributed in accordance with §1.402(g)-1(e)(2) or (3).

- (c) Date of Employer Contributions. Notwithstanding anything in the Plan to the contrary, Employer Contributions are treated as credited to a Participant's account for a particular Limitation Year only if the contributions are actually made to the plan no later than the 15th day of the tenth calendar month following the end of the calendar year or fiscal year (as applicable, depending on the basis on which the Employer keeps its books) with or within which the particular Limitation Year ends.
- (b) Compensation: Participant's wages, salaries, fees for professional services, and other amounts received (without regard to whether an amount is paid in cash) for personal services actually rendered in the course of employment with the Employer, to the extent that the amounts are includible in gross income (or to the extent amounts would have been received and includible in gross income but for an election under Code section 125(a), 132(f)(4), 402(e)(3), 402(h)(1)(B), 402(k), or 457(b)). These amounts include, but are not limited to, bonuses, fringe benefits, and reimbursements or other expense allowances under a nonaccountable plan as described in Treas. Reg. section 1.62-2(c).
- (1) Notwithstanding the foregoing, Compensation does not include:
- (i) Contributions (other than elective contributions described in Code section 402(e)(3), 408(k)(6), 408(p)(2)(A)(i), or 457(b)) made by the Employer to a plan of deferred compensation (including a simplified employee pension described in Code section 408(k) or a simple retirement account described in Code section 408(p), and whether or not qualified) to the extent that the contributions are not includible in the gross income of the Participant for the taxable year in which contributed. In addition, any distributions from a plan of deferred compensation (whether or not qualified) are not considered as Compensation for Code section 415 purposes, regardless of whether such amounts are includible in the gross income of the Participant when distributed; and
 - (ii) Other amounts that receive special tax benefits, such as premiums for group-term life insurance (but only to the extent that the premiums are not includible in the gross income of the Participant and are not salary reduction amounts that are described in Code section 125).
 - (iii) Other items of remuneration that are similar to the items listed in subparagraph (i) or (ii) of this subsection (b).
- (2) Compensation Paid After Severance or Deemed Severance from Employment. Compensation shall be adjusted as set forth herein for the following types of compensation paid after a Participant's severance from employment (as determined under section 415 of the Code and the regulations thereunder) with the Employer. Any payment that is not described in subsection (i), (ii), (iii), or (iv) of this Section is not considered Compensation within the meaning of section 415 of the Code if paid after severance from employment with the Employer.
- (i) Regular Pay.
 - (A) Compensation shall include regular pay after severance of employment if the payment is regular compensation for services during the Participant's regular working hours, or compensation for services outside the Participant's regular working hours (such as overtime or shift differential), commissions, bonuses, or other similar payments;
 - (B) The payment would have been paid to the Participant prior to a severance from employment if the Participant had continued in employment with the Employer; and
 - (C) Such amounts are paid:
 - 1. for Limitation Years beginning before January 1, 2009, within 2½ months after severance from employment with the Employer maintaining the Plan; and

2. for Limitation Years beginning on or after January 1, 2009, by the later of 2½ months after severance from employment with the Employer maintaining the Plan or by the end of the calendar year that includes the date of such severance from employment.

(D) The date January 1, 2009 in subsections (b)(2)(i)(C)(1) and (2) of this Section shall be substituted for an earlier effective date if provided in Article II of the Adoption Agreement but no earlier than July 1, 2007.

(ii) Leave Cashouts.

- (A) For Limitation Years beginning before January 1, 2009, Compensation shall include payment for unused accrued bona fide sick, vacation, or other leave, but only if (I) the Participant would have been able to use the leave if employment had continued, (II) such amounts are paid within 2½ months after severance from employment with the Employer maintaining the Plan, and (III) such amounts would be included in Compensation if the individual had continued to perform services for the Employer.
- (B) For Limitation Years beginning on or after January 1, 2009, Compensation shall include payment for unused accrued bona fide sick, vacation, or other leave, but only if (I) the Participant would have been able to use the leave if employment had continued, (II) such amounts are paid by the later of 2½ months after severance from employment with the Employer maintaining the Plan or by the end of the calendar year that includes the date of such severance from employment, and (III) such amounts would be included in Compensation if the individual had continued to perform services for the Employer.
- (C) The date January 1, 2009 in subsections (b)(2)(ii)(A) and (B) of this Section shall be substituted for an earlier effective date if provided in Article II of the Adoption Agreement but no earlier than July 1, 2007.

(iii) Salary Continuation Payments for Military Service Participants.

- (A) Compensation includes payments to an individual who does not currently perform services for the Employer by reason of qualified military service (as that term is used in Code section 414(u)(1)) to the extent:
 1. Those payments do not exceed the amounts the individual would have received if the individual had continued to perform services for the Employer rather than entering qualified military service; and
 2. Those payments would be included in Compensation if the individual had continued to perform services for the Employer rather than entering qualified military service.
- (B) Notwithstanding the foregoing, Compensation does not include distributions from this Plan to an individual who does not currently perform services for the Employer by reason of qualified military service (as that term is used in Code section 414(u)(1)).

(iv) Salary Continuation Payments for Disabled Participants.

- (A) Compensation includes amounts paid to a Participant who is permanently and totally disabled (as defined in Code section 22(e)(3)) to the extent:
 1. Salary continuation applies to all Participants who are permanently and totally disabled for a

fixed or determinable period or the Participant was not a highly compensated employee (as defined in Code section 414(q)) immediately before becoming disabled.

2. Those amounts would be included in Compensation if the Participant had continued to perform services for the Employer.

(B) Notwithstanding the foregoing, Compensation does not include distributions from this Plan to a Participant who is permanently and totally disabled (as defined in Code section 22(e)(3)).

For purposes of applying the limitations of this Article, Compensation for a Limitation Year is the Compensation actually paid or made available during such year. Compensation for a Limitation Year shall not include amounts earned but not paid during the Limitation Year solely because of the timing of pay periods and pay dates.

- (c) Defined Contribution Dollar Limitation: \$40,000, as adjusted for increases in the cost of-living in accordance with section 415(d) of the Code.
- (d) Elective Deferrals: Any Employer Contributions made to the Plan at the election of the Participant, in lieu of cash compensation. With respect to any taxable year, a Participant's Elective Deferrals is the sum of all Employer Contributions made on behalf of such Participant pursuant to an election to defer under any qualified CODA described in section 401(k) of the Code, any salary reduction simplified employee pension described in section 408(k)(6) of the Code, any SIMPLE IRA described in section 408(p), and any plan described under section 501(c)(18) of the Code, and any Employer Contributions made on the behalf of the Participant for the purchase of an annuity contract under section 403(b) of the Code pursuant to a salary reduction agreement. Elective Deferrals shall not include any deferrals properly distributed as excess Annual Additions.
- (e) Employer: The Employer that adopts this Plan.
- (f) Excess Amount: The excess of the Participant's Annual Additions for the Limitation Year over the Maximum Permissible Amount. Any Excess Amount shall include allocable income. The income allocable to an Excess Amount is equal to the sum of allocable gain or loss for the Plan Year and the allocable gain or loss for the period between the end of the Plan Year and the date of distribution (the gap period). The Plan may use any reasonable method for computing the income allocable to an Excess Amount, provided that the method is used consistently for all Participants and for all corrective distributions under the Plan for the Plan Year, and is used by the Plan for allocating income to Participants' Accounts.
- (g) Excess Elective Deferrals: Those Elective Deferrals of a Participant that either (1) are made during the Participant's taxable year and exceed the dollar limitation under Code section 402(g) (including, if applicable, the dollar limitation on Catch-up Contributions defined in section 414(v) for such year); or (2) are made during a calendar year and exceed the dollar limitation under Code section 402(g) (including, if applicable, the dollar limitation on Catch-up Contributions defined in section 414(v)) for the Participant's taxable year beginning in such calendar year, counting only Elective Deferrals made under this Plan and any other plan, contract or arrangement maintained by the Employer. Excess Elective Deferrals shall be treated as Annual Additions, as defined under Section 5.05, unless such amounts are distributed no later than the first April 15 following the close of the Participant's taxable year.
- (h) Limitation Year: A calendar year, or the twelve (12) consecutive month period elected by the Employer in section X. 2 of the Adoption Agreement. All qualified plans maintained by the Employer must use the same Limitation Year. If the Limitation Year is amended to a different twelve (12) consecutive month period, the

new Limitation Year must begin on a date within the Limitation Year in which the amendment is made. The Limitation Year may only be changed by a Plan amendment. Furthermore, if the Plan is terminated effective as of a date other than the last day of the Plan's Limitation Year, then the Plan is treated as if the Plan had been amended to change its Limitation Year and the maximum permissible amount shall be prorated for the resulting short Limitation Year.

- (i) Maximum Permissible Amount: Except for Catch-up Contributions described in Code section 414(v), the maximum Annual Addition that may be contributed or allocated to a Participant's Account under the Plan for any Limitation Year shall not exceed the lesser of:

- (1) The Defined Contribution Dollar Limitation, or
- (2) One hundred percent (100%) of the Participant's Compensation for the Limitation Year.

The compensation limit referred to in (2) shall not apply to any contribution for medical benefits after separation from service (within the meaning of section 401(h) or section 419A(f)(2) of the Code) which is otherwise treated as an annual addition.

If a short Limitation Year is created because of an amendment changing the Limitation Year to a different twelve (12) consecutive month period, the Maximum Permissible Amount will not exceed the Defined Contribution Dollar Limitation multiplied by the following fraction:

$$\frac{\text{Number of months in the short Limitation Year}}{12}$$

12

5.06 Aggregation and Disaggregation of Plans.

- (a) Generally. For purposes of applying the limitations of Code section 415, all defined contribution plans (without regard to whether a plan has been terminated) ever maintained by the Employer (or a "predecessor employer") under which the Participant receives Annual Additions are treated as one defined contribution plan. The "Employer" means the Employer that adopts this Plan and any other entity which the Employer determines, based on a reasonable, good faith interpretation of existing law in accordance with Notice 89-23, 1989-1 C.B. 654, as modified by Notice 96-64, 1996-2 C.B. 229, should be aggregated for purposes of applying the limitations of Code section 415. For purposes of this Section:
- (1) A former employer is a "predecessor employer" with respect to a Participant if the Employer maintains a plan under which the Participant had accrued a benefit while performing services for the former employer, but only if that benefit is provided under the plan maintained by the Employer. For this purpose, the formerly affiliated plan rules in Treas. Reg. section 1.415(f)-1(b)(2) apply as if the Employer and predecessor employer constituted a single employer under the rules described in Treas. Reg. section 1.415(a)-1(f)(1) and (2) immediately prior to the cessation of affiliation (and as if they constituted two, unrelated employers under the rules described in Treas. Reg. section 1.415(a)-1(f)(1) and (2) immediately after the cessation of affiliation) and cessation of affiliation was the event that gives rise to the predecessor employer relationship, such as a transfer of benefits or plan sponsorship.
 - (2) With respect to an Employer, a former entity that antedates the Employer is a "predecessor employer" with respect to a Participant if, under the facts and circumstances, the Employer constitutes a continuation of all or a portion of the trade or business of the former entity.
- (b) Midyear Aggregation. Two or more defined contribution plans that are not required to be aggregated pursuant to Code section 415(f) and the Treasury Regulations thereunder as of the first day of a Limitation

Year do not fail to satisfy the requirements of Code section 415 with respect to a Participant for the Limitation Year merely because they are aggregated later in that Limitation Year, provided that no Annual Additions are credited to the Participant's account after the date on which the plans are required to be aggregated.

- 5.07 Effective Date.** Except as otherwise provided in Section 5.05(b)(2), this Article shall apply to limitation years beginning on or after July 1, 2007. The Employer may elect a delayed effective date for this Article in Section X. 3 of the Adoption Agreement, however, such effective date must apply to limitation years that begin on or after the date that is 90 days after the close of the first legislative session of the legislative body with authority to amend the plan that begins on or after July 1, 2007.

VI. TRUST AND INVESTMENT OF ACCOUNTS

- 6.01 Trust.** A Trust is hereby created to hold all of the assets of the Plan for the exclusive benefit of Participants and Beneficiaries, except that expenses and taxes may be paid from the Trust as provided in Section 6.03. The trustee shall be the Employer or such other person which agrees to act in that capacity hereunder.
- 6.02 Investment Powers.** The trustee or the Plan Administrator, acting as agent for the trustee, shall have the powers listed in this Section with respect to investment of Trust assets, except to the extent that the investment of Trust assets is controlled by Participants, pursuant to Sections 6.05 and 13.03.
- (a) To invest and reinvest the Trust without distinction between principal and income in common or preferred stocks, shares of regulated investment companies and other mutual funds, bonds, notes, debentures, mortgages, certificates of deposit, contracts with insurance companies including but not limited to insurance, individual or group annuity, deposit administration, guaranteed interest contracts, and deposits at reasonable rates of interest at banking institutions including but not limited to savings accounts and certificates of deposit. Assets of the Trust may be invested in securities that involve a higher degree of risk than investments that have demonstrated their investment performance over an extended period of time.
 - (b) To invest and reinvest all or any part of the assets of the Trust in any common, collective or commingled trust fund that is maintained by a bank or other institution and that is available to Employee plans qualified under section 401 of the Code, or any successor provisions thereto, and during the period of time that an investment through any such medium shall exist, to the extent of participation of the Plan, the declaration of trust of such common, collective, or commingled trust fund shall constitute a part of this Plan.
 - (c) To invest and reinvest all or any part of the assets of the Trust in any group annuity, deposit administration or guaranteed interest contract issued by an insurance company or other financial institution on a commingled or collective basis with the assets of any other plan or trust qualified under section 401(a) of the Code or any other plan described in section 401(a)(24) of the Code, and such contract may be held or issued in the name of the Plan Administrator, or such custodian as the Plan Administrator may appoint, as agent and nominee for the Employer. During the period that an investment through any such contract shall exist, to the extent of participation of the Plan, the terms and conditions of such contract shall constitute a part of the Plan.
 - (d) To hold cash awaiting investment and to keep such portion of the Trust in cash or cash balances, without liability for interest, in such amounts as may from time to time be deemed to be reasonable and necessary to meet obligations under the Plan or otherwise to be in the best interests of the Plan.
 - (e) To hold, to authorize the holding of, and to register any investment to the Trust in the name of the Plan, the Employer, or any nominee or agent of any of the foregoing, including the Plan Administrator, or in bearer

form, to deposit or arrange for the deposit of securities in a qualified central depository even though, when so deposited, such securities may be merged and held in bulk in the name of the nominee of such depository with other securities deposited therein by any other person, and to organize corporations or trusts under the laws of any jurisdiction for the purpose of acquiring or holding title to any property for the Trust, all with or without the addition of words or other action to indicate that property is held in a fiduciary or representative capacity but the books and records of the Plan shall at all times show that all such investments are part of the Trust.

- (f) Upon such terms as may be deemed advisable by the Employer or the Plan Administrator, as the case may be, for the protection of the interests of the Plan or for the preservation of the value of an investment, to exercise and enforce by suit for legal or equitable remedies or by other action, or to waive any right or claim on behalf of the Plan or any default in any obligation owing to the Plan, to renew, extend the time for payment of, agree to a reduction in the rate of interest on, or agree to any other modification or change in the terms of any obligation owing to the Plan, to settle, compromise, adjust, or submit to arbitration any claim or right in favor of or against the Plan, to exercise and enforce any and all rights of foreclosure, bid for property in foreclosure, and take a deed in lieu of foreclosure with or without paying consideration therefor, to commence or defend suits or other legal proceedings whenever any interest of the Plan requires it, and to represent the Plan in all suits or legal proceedings in any court of law or equity or before any body or tribunal.
- (g) To employ suitable consultants, depositories, agents, and legal counsel on behalf of the Plan.
- (h) To open and maintain any bank account or accounts in the name of the Plan, the Employer, or any nominee or agent of the foregoing, including the Plan Administrator, in any bank or banks.
- (i) To do any and all other acts that may be deemed necessary to carry out any of the powers set forth herein.

6.03 Taxes and Expenses. All taxes of any and all kinds whatsoever that may be levied or assessed under existing or future laws upon, or in respect to the Trust, or the income thereof, and all commissions or acquisitions or dispositions of securities and similar expenses of investment and reinvestment of the Trust, shall be paid from the Trust. Such reasonable compensation of the Plan Administrator, as may be agreed upon from time to time by the Employer and the Plan Administrator, and reimbursement for reasonable expenses incurred by the Plan Administrator in performance of its duties hereunder (including but not limited to fees for legal, accounting, investment and custodial services) shall also be paid from the Trust. However, no person who is a fiduciary within the meaning of section 3(21)(A) of ERISA and regulations promulgated thereunder, and who receives full-time pay from the Employer may receive compensation from the Trust, except for expenses properly and actually incurred.

6.04 Payment of Benefits. The payment of benefits from the Trust in accordance with the terms of the Plan may be made by the Plan Administrator, or by any custodian or other person so authorized by the Employer to make such disbursement. Benefits under this Plan shall be paid only if the Plan Administrator, custodian or other person, or the Employer if directing such person, decides in his/her discretion that the applicant is entitled to them. The Plan Administrator, custodian or other person shall not be liable with respect to any distribution of Trust assets made at the direction of the Employer.

6.05 Investment Funds. In accordance with uniform and nondiscriminatory rules established by the Employer and the Plan Administrator, the Participant may direct his/her Accounts to be invested in one (1) or more investment funds available under the Plan; provided, however, that the Participant's investment directions shall not violate any investment restrictions established by the Employer and shall not include any investment in collectibles, as defined in section 408(m) of the Code.

6.06 Valuation of Accounts. As of each Accounting Date, the Plan assets held in each investment fund offered shall be

valued at fair market value and the investment income and gains or losses for each fund shall be determined. Such investment income and gains or losses shall be allocated proportionately among all Account balances on a fund-by-fund basis. The allocation shall be in the proportion that each such Account balance as of the immediately preceding Accounting Date bears to the total of all such Account balances, as of that Accounting Date. For purposes of this Article, all Account balances include the Account balances of all Participants and Beneficiaries.

- 6.07 Participant Loan Accounts.** Participant Loan Accounts shall be invested in accordance with Section 13.03 of the Plan. Such Accounts shall not share in any investment income and gains or losses of the investment funds described in Section 6.05.
- 6.08 Deemed IRAs.** If deemed IRAs are available pursuant to section 408(q) of the Code, the assets of such deemed IRAs may be commingled with the Plan assets for investment purposes but, if held in the same trust, the trustee shall maintain a separate account for each deemed IRA.

VII. VESTING

- 7.01 Vesting Schedule.** The portion of a Participant's Account attributable to Elective Deferrals, Catch-up Contributions, Mandatory Participant Contributions, and Voluntary Participant Contributions, and the earnings thereon, shall be at all times nonforfeitable by the Participant. A Participant shall have a Nonforfeitable Interest in the percentage of his/her Employer Contribution Account established under Section 4.01, 4.05, 18.02(a), and 19.02(a) determined pursuant to the schedule elected by the Employer in the Adoption Agreement.
- 7.02 Crediting Periods of Service.** Except as provided in Section 7.03, all of an Employee's Periods of Service with the Employer are counted to determine the nonforfeitable percentage in the Employee's Account balance derived from Employer Contributions. If the Employer maintains the plan of a predecessor employer, service with such employer will be treated as service for the Employer.

For purposes of determining years of service and Breaks in Service for the purposes of computing a Participant's nonforfeitable right to the Account balance derived from Employer Contributions, the twelve (12) consecutive month period will commence on the date the Employee first performs an Hour of Service and each subsequent twelve (12) consecutive month period will commence on the anniversary of such date.

- 7.03 Service After Break in Service.** In the case of a Participant who has a Break in Service of at least five (5) years, all Periods of Service after such Breaks in Service will be disregarded for the purpose of determining the nonforfeitable percentage of the Employer-derived Account balance that accrued before such Break, but both pre-Break and post-Break service will count for the purposes of vesting the Employer-derived Account balance that accrues after such Break. Both Accounts will share in the earnings and losses of the fund.

In the case of a Participant who does not have a Break in Service of at least five (5) years, both the pre-Break and post-Break service will count in vesting both the pre-Break and post-Break Employer-derived Account balance.

In the case of a Participant who does not have any nonforfeitable right to the Account balance derived from Employer Contributions, years of service before a period of consecutive one (1) year Breaks in Service will not be taken into account in computing eligibility service if the number of consecutive one (1) year Breaks in Service in such period equals or exceeds the greater of five (5) or the aggregate number of years of service. Such aggregate number of years of service will not include any years of service disregarded under the preceding sentence by reason of prior Breaks in Service.

If a Participant's years of service are disregarded pursuant to the preceding paragraph, such Participant will be

treated as a new Employee for eligibility purposes. If a Participant's years of service may not be disregarded pursuant to the preceding paragraph, such Participant shall continue to participate in the Plan, or, if terminated, shall participate immediately upon reemployment.

- 7.04 Vesting Upon Normal Retirement Age.** Notwithstanding Section 7.01 of the Plan, a Participant shall have a Nonforfeitable Interest in his/her entire Employer Contribution Account, to the extent that the balance of such Account has not previously been forfeited pursuant to Section 7.06 of the Plan, if he/she is employed on or after his/her Normal Retirement Age.
- 7.05 Vesting Upon Death or Disability.** Notwithstanding Section 7.01 of the Plan, in the event of Disability or death, a Participant or his/her Beneficiary shall have a Nonforfeitable Interest in his/her entire Employer Contribution Account, to the extent that the balance of such Account has not previously been forfeited pursuant to Section 7.06 of the Plan.
- 7.06 Forfeitures.** Except as provided in Sections 7.04 and 7.05 of the Plan or as otherwise provided in this Section 7.06, a Participant who separates from service prior to obtaining full vesting shall forfeit that percentage of his/her Employer Contribution Account balance which has not vested as of the date such Participant incurs a Break in Service of five (5) consecutive years or, if earlier, the date such Participant receives, or is deemed under the provisions of Section 9.04 to have received, distribution of the entire Nonforfeitable Interest in his/her Employer Contribution Account. No forfeiture will occur solely as a result of a Participant's withdrawal of Employee Contributions. Forfeitures shall be allocated in the manner described in Section 4.02.
- 7.07 Reinstatement of Forfeitures.** If the Participant returns to the employment of the Employer before incurring a Break in Service of five (5) consecutive years, any amounts forfeited pursuant to Section 7.06 shall be reinstated to the Participant's Employer Contribution Account on the date of repayment by the Participant of the amount distributed to such Participant from his/her Employer Contribution Account; provided, however, that if such Participant forfeited his/her Account balance by reason of a deemed distribution, pursuant to Section 9.04, such amounts shall be automatically restored upon the reemployment of such Participant. Such repayment must be made before the earlier of five (5) years after the first date on which the Participant is subsequently reemployed by the Employer, or the date the Participant incurs a Break in Service of five (5) consecutive years.

VIII. BENEFITS CLAIM

- 8.01 Claim of Benefits.** A Participant or Beneficiary shall notify the Plan Administrator in writing of a claim of benefits under the Plan. The Plan Administrator shall take such steps as may be necessary to facilitate the payment of such benefits to the Participant or Beneficiary.
- 8.02 Appeal Procedure.** If any claim for benefits is initially denied by the Plan Administrator, the claimant shall file the appeal with the Employer, whose decision shall be final, to the extent provided by Section 15.07.

IX. COMMENCEMENT OF BENEFITS

- 9.01 Normal and Elective Commencement of Benefits.** A Participant who retires, becomes Disabled or incurs a severance from employment for any other reason may elect by written notice to the Plan Administrator to have his or her vested Account balance benefits commence on any date, provided that such distribution complies with Section 9.02. Such election must be made in writing during the one-hundred eighty (180) day period ending on the date as of which benefit payments are to commence. A Participant's election shall be revocable and may be amended by the Participant.

Except as otherwise provided under the Plan, a Participant's Elective Deferrals and income allocable thereto

are not distributable to a Participant or his/her Beneficiary(ies), in accordance with such Participant's or Beneficiary(ies) election, earlier than upon the Participant's severance from employment, death, or Disability.

The failure of a Participant to consent to a distribution while a benefit is immediately distributable, within the meaning of section 9.02 of the Plan, shall be deemed to be an election to defer commencement of payment of any benefit sufficient to satisfy this section.

9.02 Restrictions on Immediate Distributions. Notwithstanding anything to the contrary contained in Section 9.01 of the Plan, if the value of a Participant's vested Account balance is at least \$1,000, and the Account balance is immediately distributable, the Participant must consent to any distribution of such Account balance. The Participant's consent shall be obtained in writing during the one-hundred eighty (180) day period (ninety (90) day period for Plan Years beginning before January 1, 2007) ending on the date as of which benefit payments are to commence. No consent shall be required, however, to the extent that a distribution is required to satisfy section 401(a)(9) or 415 of the Code.

The Plan Administrator shall notify the Participant of the right to defer any distribution until the Participant's Account balance is no longer immediately distributable. Such notification shall include a general description of the material features, and an explanation of the relative values of, the optional forms of benefit available under the Plan in a manner that would satisfy section 417(a)(3) of the Code, and shall be provided no less than thirty (30) and no more than one-hundred eighty (180) days (ninety (90) days for Plan Years beginning before January 1, 2007) before the date as of which benefit payments are to commence. However, distribution may commence less than thirty (30) days after the notice described in the preceding sentence is given, provided (i) the distribution is one to which sections 401(a)(11) and 417 of the Code do not apply or, if the QJSA Election is made by the Employer in the Adoption Agreement, the waiver requirements of Section 17.05(a) are met; (ii) the Plan Administrator clearly informs the Participant that the Participant has a right to a period of at least thirty (30) days after receiving the notice to consider the decision of whether or not to elect a distribution (and, if applicable, a particular distribution option); and (iii) the Participant, after receiving the notice, affirmatively elects a distribution.

In addition, upon termination of this Plan, if the Plan does not offer an annuity option (purchased from a commercial provider) and if the Employer does not maintain another 401(a) defined contribution plan, the Participant's Account balance will, without the Participant's consent, be distributed to the Participant in a lump sum. However, if the Employer maintains another 401(a) defined contribution plan, the Participant's Account will be transferred, without the Participant's consent, to the other plan if the Participant does not consent to an immediate distribution.

An Account balance is immediately distributable if any part of the Account balance could be distributed to the Participant (or surviving spouse) before the Participant attains or would have attained (if not deceased) the later of Normal Retirement Age or age sixty-two (62).

For purposes of determining the applicability of the foregoing consent requirements to distributions made before the first day of the first plan year beginning after December 31, 1988, the Participant's vested Account balance shall not include amounts attributable to accumulated deductible employee contributions within the meaning of section 72(o)(5)(B) of the Code.

9.03 Transfer to Another Plan.

- (a) If a Participant becomes eligible to participate in another plan maintained by the Employer that is qualified under section 401(a) of the Code, the Plan Administrator shall, at the written election of such Participant, transfer all or part of such Participant's Account to such plan, provided the Plan Administrator for such plan certifies to the Plan Administrator that its plan provides for the acceptance of such a transfer. Such transfers

shall include those transfers of the nonforfeitable interest of a Participant's Account made for the purchase of service credit in defined benefit plans maintained by the Employer. For purposes of this Plan, any such transfer shall not be considered a distribution to the Participant subject to spousal consent as described in Section 9.11.

- (b) Notwithstanding any provision of the Plan to the contrary that would otherwise limit a Distributee's election under this Section, a Distributee may elect, at the time and in the manner prescribed by the Plan Administrator, to have any portion of an Eligible Rollover Distribution paid directly to an Eligible Retirement Plan specified by the Distributee in a Direct Rollover.
- (c) Definitions. For the purposes of Subsection (b), the following definitions shall apply:
 - (1) Eligible Rollover Distribution. Any distribution of all or any portion of the balance to the credit of the Distributee, except that an Eligible Rollover Distribution does not include:
 - (i) any distribution that is one of a series of substantially equal periodic payments (not less frequently than annually) made for the life (or life expectancy) of the Distributee or the joint lives (or joint life expectancies) of the Distributee and the Distributee's designated beneficiary, or for a specified period of ten years or more;
 - (ii) any distribution to the extent such distribution is required under section 401(a)(9) of the Code;
 - (iii) any hardship distribution; and
 - (iv) the portion of any other distribution(s) that is not includible in gross income.

A portion of a distribution shall not fail to be an eligible rollover distribution merely because the portion consists of after-tax employee contributions which are not includible in gross income. However, such portion may be transferred only to an individual retirement account or annuity described in section 408(a) or (b) of the Code, or, for distributions occurring after December 31, 2007, to a Roth IRA described in § 408A of the Code, or to a qualified defined contribution plan described in section 401(a) or a qualified annuity contract described in section 403(b) of the Code that agrees to separately account for amounts so transferred, including separately accounting for the portion of such distribution which is includible in gross income and the portion of such distribution which is not so includible.

- (2) Eligible Retirement Plan.
 - (i) an individual retirement account described in section 408(a) of the Code or an individual retirement annuity described in section 408(b) of the Code (collectively, an "IRA");
 - (ii) an annuity plan described in section 403(a) of the Code;
 - (iii) an annuity contract described in section 403(b) of the Code;
 - (iv) an eligible plan under section 457(b) of the Code which is maintained by a state, political subdivision of a state, or any agency or instrumentality of a state or political subdivision of a state and which agrees to separately account for amounts transferred into such plan from this Plan;
 - (v) a qualified plan described in section 401(a) of the Code, that accepts the Distributee's Eligible Rollover Distribution; or
 - (vi) for distributions occurring after December 31, 2007, a Roth IRA described in Code section 408A. The definition of Eligible Retirement Plan shall also apply in the case of a distribution to

a surviving spouse, or to a spouse or former spouse who is the alternate payee under a qualified domestic relations order, as defined in section 414(p) of the Code.

- (3) Distributee. Participant; in addition, the Participant's surviving spouse and the spouse or former spouse who is the alternate payee under a qualified domestic relations order, as defined in section 414(p) of the Code, are Distributees with regard to the interest of the spouse or former spouse. For distributions after December 31, 2006 (unless a later date is elected by the Employer pursuant to subsection (d)(1) below, but no later than Plan Years beginning after December 31, 2009), a distributee includes the Employee's or former Employee's nonspouse designated Beneficiary, in which case, the distribution can only be transferred to a traditional or Roth IRA established on behalf of the nonspouse designated Beneficiary for the purpose of receiving the distribution.
 - (4) Direct Rollover. A payment by the Plan to the Eligible Retirement Plan specified by the Distributee.
- (d) Rollover by a Non-Spouse Designated Beneficiary.
- (1) Unless otherwise elected by the Employer in the Adoption Agreement, for distributions beginning after December 31, 2006 but on or before December 31, 2009, a non-spouse Beneficiary who qualifies as a "designated beneficiary" under Code section 401(a)(9)(E) may establish an individual retirement plan that will be treated as an inherited IRA pursuant to the provisions of Code section 402(c)(11) into which all or a portion of a death benefit distribution from this Plan can be transferred directly. A trust maintained for the benefit of one or more designated beneficiaries shall be treated in the same manner as a designated beneficiary.
 - (2) Notwithstanding paragraph (1), for Plan Years beginning after December 31, 2009, a non-spouse Beneficiary who qualifies as a "designated beneficiary" under Code section 401(a)(9)(E) may establish an individual retirement plan that will be treated as an inherited IRA pursuant to the provisions of Code section 402(c)(11) into which all or a portion of a death benefit distribution from this Plan can be transferred directly. A trust maintained for the benefit of one or more designated beneficiaries shall be treated in the same manner as a designated beneficiary.
 - (3) Notwithstanding anything herein to the contrary, a death benefit distribution shall not be eligible for transfer to an inherited IRA to the extent such distribution is a required minimum distribution under Code section 401(a)(9).
- (e) Rollover by a Surviving Spouse Distributee. If any distribution attributable to a Participant is paid to the Participant's surviving spouse, section 402(c) applies to the distribution in the same manner as if the spouse were the Participant. However, a qualified plan (as defined in Treasury Regulation section 1.402(c)-2 Q&A-2) is not treated as an eligible retirement plan with respect to a surviving spouse. Only an individual retirement plan is treated as an eligible retirement plan with respect to an eligible rollover distribution to a surviving spouse.

- 9.04 De Minimis Accounts.** Notwithstanding the foregoing provisions of this Article, if a Participant terminates service, and the value of his/her Nonforfeitable Interest in his/her Account is less than \$1,000, the Participant's benefit shall be paid as soon as practicable to the Participant in a single lump sum distribution. If the value of the Participant's Account is at least \$1,000 but not more than the dollar limit under section 411(a)(11)(A) of the Code, the Participant may elect to receive his/her Nonforfeitable Interest in his/her Account. Such distribution shall be made as soon as practicable following the request, in a lump sum.

For purposes of this Section, if a Participant's Nonforfeitable Interest in his/her Account is zero, the Participant shall be deemed to have received a distribution of such Nonforfeitable Interest in his/her Account.

- 9.05 Withdrawal of Voluntary Contributions.** A Participant may upon written request withdraw a part of or the

full amount of his/her Voluntary Contribution Account. Such withdrawals may be made at any time, provided that no more than two (2) such withdrawals may be made during any calendar year. No forfeiture will occur solely as the result of any such withdrawal.

9.06 Withdrawal of Deductible Employee Contributions. A Participant may upon written request withdraw a part of or the full amount of his/her Deductible Employee Contribution Account. Such withdrawals may be made at any time, provided that no more than two (2) such withdrawals may be made during any calendar year. No forfeiture will occur solely as the result of any such withdrawal.

9.07 Hardship Withdrawals.

- (a) Where elected by the Employer in the Adoption Agreement for a profit-sharing plan containing a 401(k) arrangement, distribution of nonforfeitable amounts attributable to Employer Contributions and/or Elective Deferrals (including Catch-up Contributions but not including earnings attributable to Elective Deferrals accrued after December 31, 1988) may be made to a Participant in the event of hardship. A hardship distribution may only be made on account of an immediate and heavy financial need of the Employee and where the distribution is necessary to satisfy the immediate and heavy financial need.
- (b) Special Rules:
 - (1) The following are the only financial needs considered immediate and heavy (or as otherwise provided for under Treasury Regulation section 1.401(k)-1(d)(3) (iii)(B) or any subsequent guidance thereto):
 - (i) Expenses for medical care (within the meaning of section 213(d) of the Code) previously incurred or necessary to obtain medical care for the Employee, the Employee's spouse or dependents;
 - (ii) Costs directly related to the purchase (excluding mortgage payments) of a principal residence for the Employee;
 - (iii) Payment of tuition and related educational fees for the next twelve (12) months of post-secondary education for the Employee, the Employee's spouse, children or dependents;
 - (iv) Payments necessary to prevent the eviction of the Employee from, or a foreclosure on the mortgage of, the Employee's principal residence; or
 - (v) Payments for funeral or burial expenses for the Employee's deceased parent, spouse, child or dependent and expenses to repair damage to the Employee's principal residence that would qualify for a casualty loss deduction under Code section 165 (determined without regard to whether the loss exceeds 10 percent of adjusted gross income). The last two needs (funeral expenses and home repair) only apply to Plan Years beginning after 2005.
 - (2) A distribution will be considered as necessary to satisfy an immediate and heavy financial need of the employee only if:
 - (i) The distribution is not in excess of the amount of an immediate and heavy financial need, including amounts necessary to pay any federal, state, or local income taxes or penalties reasonably anticipated to result from the distribution;
 - (ii) The Employee has obtained all distributions, other than hardship distributions, and all nontaxable loans under all plans maintained by the Employer; and
 - (iii) All plans maintained by the Employer provide that the Employee's Elective Deferrals (and Employee

contributions) will be suspended for six (6) months after the receipt of the hardship distribution, provided that Employee contributions that are “picked up” by the Employer pursuant to Section of the Plan shall not be considered Employee contributions for this purpose.

- (3) **Distributions for Financial Hardship.** Unless otherwise elected by the Employer, after August 31, 2007, the determination of any deemed immediate and heavy financial need described in Treasury Regulation section 1.401(k)-1(d)(3)(iii)(B)(1), (3), or (5) (relating to medical, tuition, and funeral expenses, respectively) will be expanded to include any immediate and heavy financial need of a Participant’s Primary Beneficiary.

- 9.08 In-Service Distributions.** If elected by the Employer in the Adoption Agreement, a Participant who has attained age 59½ and has a Nonforfeitable Interest in his/her entire Employer Contribution Account shall, upon written request, receive a distribution of a part of or the full amount of the balance in any or all of his vested Accounts. Such distributions may be requested at any time, provided that no more than two (2) such distributions may be made during any calendar year.

Unless otherwise elected by the Employer in the Adoption Agreement, a Participant who has reached age 70½ regardless of his Nonforfeitable Interest in his/her entire Employer Contribution Account, shall, upon written request, receive a distribution of a part of or the full amount of the balance in any or all of his vested Accounts. Such distributions may be requested at any time, provided that no more than two (2) such distributions may be made during any calendar year.

- 9.09 In-Service Distribution from Rollover Account.** Where elected by the Employer in the Adoption Agreement, a Participant that has a separate account attributable to rollover contributions to the Plan, may at any time elect to receive a distribution of all or any portion of the amount held in the Rollover Account.

- 9.10 Latest Commencement of Benefits.** Notwithstanding anything to the contrary in this Article, benefits shall begin no later than the Participant’s Required Beginning Date, as defined under Section 10.05, or as otherwise provided in Section 10.04.

- 9.11 Spousal Consent.** Notwithstanding the foregoing, if the Employer elected the QJSA Election in the Adoption Agreement, a married Participant must first obtain his or her spouse’s notarized consent to request a distribution (other than a Qualified Joint and Survivor Annuity), withdrawal, or rollover under this Article IX.

- 9.12 Qualified Reservist Distribution Available under the Plan.** Unless otherwise elected by the Employer, after September 11, 2001, Qualified Reservist Distributions will be available under the Plan.

- (a) **Qualified Reservist Distribution.** The term “Qualified Reservist Distribution” means any distribution of Elective Deferrals to a Qualified Reservist that is made during the period beginning on the date that the Qualified Reservist is ordered or called to duty and ending on the last day of active duty. A Qualified Reservist Distribution may be made to a Qualified Reservist under any circumstance and/or for any reason without violating the distribution restrictions of Code section 401(k)(2)(B)(i).
- (b) **Qualified Reservist.** The term “Qualified Reservist” means an individual who is a member of a reserve component, as defined in section 101 of title 37, United States Code, and who is ordered or called to active duty after September 11, 2001 either for a period in excess of 179 days or for an indefinite period.

- 9.13 Deemed Severance from Employment.**

- (a) Unless otherwise elected by the Employer in the Adoption Agreement, effective January 1, 2009, a

Participant shall be deemed to have a severance from employment solely for purposes of eligibility to receive distributions from the Plan during any period the individual is performing service in the uniformed services (as defined in chapter 43 of title 38, United States Code) for more than 30 days.

- (b) If a Participant receives a distribution pursuant to subsection (a), then the Participant shall not be permitted to make an Elective Deferral or after-tax voluntary contributions during the six-month period beginning on the date of the distribution.

- (c) If a Participant receives a distribution which could be attributable to:

- (i) a deemed severance from employment described in subsection (a); or

- (ii) another distribution event under the Plan,

then the distribution shall be considered made pursuant to the distribution event referenced in paragraph (ii), and the Participant shall not be subject to the limitation on Elective Deferrals or after-tax voluntary contributions set forth in subsection (b).

9.14 Distributions for Health and Long-Term Care Insurance for Public Safety Officers.

- (a) If elected by the Employer, for Plan Years beginning after December 31, 2006, Eligible Retired Public Safety Officers may elect after separation from service to have up to \$3,000 distributed tax-free annually from the Plan in order to pay for Qualified Health Insurance Premiums for an accident or health plan (including a self-insured plan) or a qualified long-term care insurance contract. The Plan shall make such distributions directly to the provider of the accident or health plan or qualified long-term care insurance contract.
- (b) The term “Eligible Retired Public Safety Officer” means an individual who, by reason of disability or attainment of normal retirement age, is separated from service as a Public Safety Officer with the Employer who maintains the eligible retirement plan from which distributions pursuant to this Section are made. The term “Public Safety Officer” has the same meaning given such term by section 1204(9)(A) of the Omnibus Crime Control and Safe Streets Act of 1968.
- (c) The term “Qualified Health Insurance Premiums” means premiums for coverage for the Eligible Retired Public Safety Officer, his spouse, and dependents, by an accident or health insurance plan or qualified long-term care insurance contract (as defined in Code section 7702(B)).

X. DISTRIBUTION REQUIREMENTS

10.01 General Rules.

- (a) Generally. Subject to the provisions of Article XII or XVII if so elected by the Employer in the Adoption Agreement, the requirements of this Article shall apply to any distribution of a Participant’s interest and will take precedence over any inconsistent provisions of this Plan. Unless otherwise specified, the provisions of this Article X apply to calendar years beginning after December 31, 2002.

With respect to distributions under the Plan made in or for Plan Years beginning on or after January 1, 2002 and prior to January 1, 2003, the Plan will apply the minimum distribution requirements of section 401(a)(9) of the Code in accordance with the regulations under section 401(a)(9) that were proposed on January 17, 2001, notwithstanding any provision of the Plan to the contrary.

- (b) Distributions in Accordance with 401(a)(9). All distributions required under this Article shall be determined and made in accordance with the regulations under section 401(a)(9) of the Code, and the minimum distribution incidental benefit requirement of section 401(a)(9)(G) of the Code.
- (c) Limits on Distribution Periods. As of the first Distribution Calendar Year, distributions to a Participant, if not made in a single-sum, may only be made over one of the following periods:
 - (1) The life of the Participant,
 - (2) The joint lives of the Participant and a designated Beneficiary,
 - (3) A period certain not extending beyond the life expectancy of the Participant, or
 - (4) A period certain not extending beyond the joint and last survivor expectancy of the Participant and a designated Beneficiary.
- (d) TEFRA Section 242(b)(2) Elections. Notwithstanding the other provisions of this Article X, distributions may be made under a designation made before January 1, 1984, in accordance with Section 242(b)(2) of the Tax Equity and Fiscal Responsibility Act (TEFRA) and the provisions of the Plan that relate to Section 242(b)(2) of TEFRA.
- (e) EESA Provisions. The provisions relating to qualified disaster recovery assistance distributions for Participants affected by certain 2008 severe storms, flooding, and tornadoes and repayment thereof, and relating to repayment of prior qualified distributions for home purchases, set forth in section 702 of the Emergency Economic Stabilization Act of 2008 ("EESA") shall apply to the Plan.
- (f) KETRA and GOZA Provisions. The provisions relating to qualified hurricane distributions and repayment thereof set forth in section 1400Q(a) of the Code, and relating to repayment of prior qualified distributions for home purchases set forth in Code section 1400Q(b), shall apply to the Plan. These provisions added to the Code by the Katrina Emergency Tax Relief Act of 2005 ("KETRA") and the Gulf Opportunity Zone Act of 2005 (GOZA), permit plans to allow repayments of certain prior qualified distributions for home purchases for Participants affected by Hurricanes Katrina, Rita, and Wilma.

10.02 Time and Manner of Distribution

- (a) Required Beginning Date. The Participant's entire interest will be distributed, or begin to be distributed, to the Participant no later than the Participant's required beginning date.
- (b) Death of Participant Before Distributions Begin. If the Participant dies before distributions begin, the Participant's entire interest will be distributed, or begin to be distributed, no later than as follows:
 - (1) If the Participant's surviving spouse is the Participant's sole designated Beneficiary, then, distributions to the surviving spouse will begin by December 31 of the calendar year immediately following the calendar year in which the Participant died, or by December 31 of the calendar year in which the Participant would have attained age 70½, if later.
 - (2) If the Participant's surviving spouse is not the Participant's sole designated Beneficiary, then distributions to the designated Beneficiary will begin by December 31 of the calendar year immediately following the calendar year in which the Participant died.

- (3) If there is no designated Beneficiary as of September 30 of the year following the year of the Participant's death, the Participant's entire interest will be distributed by December 31 of the calendar year containing the fifth anniversary of the Participant's death.
- (4) If the Participant's surviving spouse is the Participant's sole designated Beneficiary and the surviving spouse dies after the Participant but before distributions to the surviving spouse begin, this Section 10.02(b), other than Section 10.02(b)(1), will apply as if the surviving spouse were the Participant.

For purposes of this Section 10.02(b) and Section 10.04, unless Section 10.02(b)(4) applies, distributions are considered to begin on the Participant's required beginning date. If Section 10.02(b)(4) applies, distributions are considered to begin on the date distributions are required to begin to the surviving spouse under Section 10.02(b)(1). If distributions under an annuity purchased from an insurance company irrevocably commence to the Participant before the Participant's required beginning date (or to the Participant's surviving spouse before the date distributions are required to begin to the surviving spouse under Section 10.02(b)(1)), the date distributions are considered to begin is the date distributions actually commence.

- (c) Forms of Distribution. Unless the Participant's interest is distributed in the form of an annuity purchased from an insurance company or in a single sum on or before the required beginning date, as of the first distribution calendar year distributions will be made in accordance with Sections 10.03 and 10.04. If the Participant's interest is distributed in the form of an annuity purchased from an insurance company, distributions thereunder will be made in accordance with the requirements of Code Section 401(a)(9) and the Treasury Regulations.

10.03 Required Minimum Distributions During Participant's Lifetime

- (a) Amount of Required Minimum Distribution For Each Distribution Calendar Year. During the Participant's lifetime, the minimum amount that will be distributed for each distribution calendar year is the lesser of:
 - (1) the quotient obtained by dividing the Participant's Account Balance by the distribution period set forth in the Uniform Lifetime Table found in Section 1.401(a)(9)-9, Q&A-2, of the Final Income Tax Regulations using the Participant's age as of the Participant's birthday in the distribution calendar year; or
 - (2) if the Participant's sole designated Beneficiary for the distribution calendar year is the Participant's spouse, the quotient obtained by dividing the Participant's Account Balance by the number in the Joint and Last Survivor Table set forth in Section 1.401(a)(9)-9, Q&A-3, of the regulations using the Participant's and spouse's attained ages as of the Participant's and spouse's birthdays in the distribution calendar year.
- (b) Lifetime Required Minimum Distributions Continue Through Year of Participant's Death. Required minimum distributions will be determined under this Section 10.03 beginning with the first distribution calendar year and continuing up to, and including, the distribution calendar year that includes the Participant's date of death.

10.04 Required Minimum Distributions After Participant's Death

- (a) Death On or After Date Distributions Begin.
 - (1) Participant Survived by Designated Beneficiary. If the Participant dies on or after the date distributions begin and there is a designated Beneficiary, the minimum amount that will be distributed for each distribution calendar year after the year of the Participant's death is the quotient obtained by dividing the Participant's Account Balance by the longer of the remaining life expectancy of the Participant or the remaining life expectancy of the Participant's designated Beneficiary, determined as follows:

- (i) The Participant's remaining life expectancy is calculated using the age of the Participant in the year of death, reduced by one for each subsequent year.
 - (ii) If the Participant's surviving spouse is the Participant's sole designated Beneficiary, the remaining life expectancy of the surviving spouse is calculated for each distribution calendar year after the year of the Participant's death using the surviving spouse's age as of the spouse's birthday in that year. For distribution calendar years after the year of the surviving spouse's death, the remaining life expectancy of the surviving spouse is calculated using the age of the surviving spouse as of the spouse's birthday in the calendar year of the spouse's death, reduced by one for each subsequent calendar year.
 - (iii) If the Participant's surviving spouse is not the Participant's sole designated Beneficiary, the designated Beneficiary's remaining life expectancy is calculated using the age of the Beneficiary in the year following the year of the Participant's death, reduced by one for each subsequent year.
- (2) No Designated Beneficiary. If the Participant dies on or after the date distributions begin and there is no designated Beneficiary as of September 30 of the year after the year of the Participant's death, the minimum amount that will be distributed for each distribution calendar year after the year of the Participant's death is the quotient obtained by dividing the Participant's Account Balance by the Participant's remaining life expectancy calculated using the age of the Participant in the year of death, reduced by one for each subsequent year.
- (b) Death Before Date Required Distributions Begin.
- (1) Participant Survived by Designated Beneficiary. If the Participant dies before the date required distributions begin and there is a designated Beneficiary, the minimum amount that will be distributed for each distribution calendar year after the year of the Participant's death is the quotient obtained by dividing the Participant's Account Balance by the remaining life expectancy of the Participant's designated Beneficiary, determined as provided in Section 10.04(a).
 - (2) No Designated Beneficiary. If the Participant dies before the date distributions begin and there is no designated Beneficiary as of September 30 of the year following the year of the Participant's death, distribution of the Participant's entire interest will be completed by December 31 of the calendar year containing the fifth anniversary of the Participant's death.
 - (3) Death of Surviving Spouse Before Distributions to Surviving Spouse Are Required to Begin. If the Participant dies before the date distributions begin, the Participant's surviving spouse is the Participant's sole designated Beneficiary, and the surviving spouse dies before distributions are required to begin to the surviving spouse under Section 10.02(b)(1), this Section 10.04(b) will apply as if the surviving spouse were the Participant.

10.05 Definitions

- (a) Designated Beneficiary. The individual who is designated by the Participant (or the Participant's surviving spouse) as the Beneficiary of the Participant's interest under the Plan and who is the designated Beneficiary under Code Section 401(a)(9) and Section 1.401(a)(9)-4 of the regulations.
- (b) Distribution Calendar Year. A calendar year for which a minimum distribution is required. For distributions beginning before the Participant's death, the first distribution calendar year is the calendar year immediately

preceding the calendar year which contains the Participant's required beginning date. For distributions beginning after the Participant's death, the first distribution calendar year is the calendar year in which distributions are required to begin under Section 10.02(b). The required minimum distribution for the Participant's first distribution calendar year will be made on or before the Participant's required beginning date. The required minimum distribution for other distribution calendar years, including the required minimum distribution for the distribution calendar year in which the Participant's required beginning date occurs, will be made on or before December 31 of that distribution calendar year.

- (c) Life Expectancy. Life expectancy as computed by use of the Single Life Table in Section 1.401(a)(9)-9, Q&A-1, of the regulations.
- (d) Participant's Account Balance. The Account Balance as of the last Accounting Date in the calendar year immediately preceding the distribution calendar year (valuation calendar year) increased by the amount of any contributions made and allocated or forfeitures allocated to the Account Balance as of dates in the valuation calendar year after the Accounting Date and decreased by distributions made in the valuation calendar year after the Accounting Date. The Account Balance for the valuation calendar year includes any amounts rolled over or transferred to the Plan either in the valuation calendar year or in the distribution calendar year if distributed or transferred in the valuation calendar year.
- (e) Required Beginning Date. The Required Beginning Date of a Participant is April 1 of the calendar year following the later of the calendar year in which the Participant attains age seventy and one-half (70½), or the calendar year in which the Participant retires.

10.06 Application of Minimum Distribution Requirements. The minimum distribution requirements of section 401(a)(9) of the Code shall only apply to the Plan to the extent that such requirements are applicable by law for a year. Pursuant to the Worker, Retiree, and Employer Recovery Act of 2008 ("WRERA"), required minimum distributions were suspended for 2009.

10.07 Special Rule for Scheduled Installment Payments. All installment payments scheduled to be distributed to a Participant prior to the effective date of a suspension of the required minimum distribution provisions of Code section 401(a)(9) shall be distributed as scheduled unless the Participant affirmatively elects to have the payments stopped. Notwithstanding the foregoing, for purposes of this Section 10.07, the effective date of the suspension of the required minimum distribution provisions for 2009 shall be deemed January 6, 2009.

XI. MODES OF DISTRIBUTION OF BENEFITS

11.01 Normal Mode of Distribution. Unless an elective mode of distribution is elected as provided in Section 11.02, benefits shall be paid to the Participant in the form of a lump sum payment. Notwithstanding the foregoing, where the Employer made the "QJSA Election" in the Adoption Agreement, unless an elective mode of distribution is elected in accordance with Article XVII, benefits shall be paid to the Participant in the form provided for in Article XVII.

11.02 Elective Mode of Distribution. Subject to the requirements of Articles X, XII and XVII, a Participant may revocably elect to have his/her Account distributed in any one (1) of the following modes in lieu of the mode described in Section 11.01:

- (a) Equal Payments. Equal monthly, quarterly, semi-annual, or annual payments in an amount chosen by the Participant continuing until the Account is exhausted.
- (b) Period Certain. Approximately equal monthly, quarterly, semi-annual, or annual payments, calculated to continue for a period certain chosen by the Participant.

(c) Other. Any other sequence of payments requested by the Participant.

(d) Lump Sum. Where the Employer did make the QJSA Election in the Adoption Agreement, a Participant may also elect a lump sum payment.

11.03 Election of Mode. A Participant's election of a payment option must be made in writing between thirty (30) and one-hundred eighty (180) days (ninety (90) days for Plan Years beginning before January 1, 2007) before the payment of benefits is to commence.

11.04 Death Benefits. Subject to Article X (and Article XII or XVII if so elected by the Employer in the Adoption Agreement),

(a) In the case of a Participant who dies before he/she has begun receiving benefit payments, the Participant's entire Nonforfeitable Interest shall then be payable to his/ her Beneficiary within ninety (90) days of the Participant's death. A Beneficiary who is entitled to receive benefits under this Section may elect to have benefits commence at a later date, subject to the provisions of Article X. The Beneficiary may elect to receive the death benefit in any of the forms available to the Participant under Sections 11.01 and 11.02. If the Beneficiary is the Participant's surviving spouse, and such surviving spouse dies before payment commences, then this Section shall apply to the beneficiary of the surviving spouse as though such surviving spouse were the Participant.

(b) Should the Participant die after he/she has begun receiving benefit payments, the Beneficiary shall receive the remaining benefits, if any, that are payable, under the payment schedule elected by the Participant. Notwithstanding the foregoing, the Beneficiary may elect to accelerate payments of the remaining balances, including but not limited to, a lump sum distribution.

XII. SPOUSAL DEATH BENEFIT REQUIREMENTS

12.01 Application. Unless otherwise elected by the Employer in the Adoption Agreement, on or after January 1, 2006, the provisions of this Article shall take precedence over any conflicting provision in this Plan. The provisions of this Article, known as the "Beneficiary Spousal Consent Election," shall apply to any Participant who is credited with any Period of Service with the Employer on or after August 23, 1984, and such other Participants as provided in Section 12.04.

12.02 Spousal Death Benefit.

(a) On the death of a Participant, the Participant's Vested Account Balance will be paid to the Participant's Surviving Spouse. If there is no Surviving Spouse, or if the Participant has waived the spousal death benefit, as provided in Section 12.03, such Vested Account Balance will be paid to the Participant's designated Beneficiary.

(b) The Surviving Spouse may elect to have distribution of the Vested Account Balance commence within the one-hundred eighty (180) day period following the date of the Participant's death, or as otherwise provided under Section 11.04. The Account balance shall be adjusted for gains or losses occurring after the Participant's death in accordance with the provisions of the Plan governing the adjustment of Account balances for other types of distributions.

12.03 Waiver of Spousal Death Benefit.

The Participant may waive the spousal death benefit described in Section 12.02 at any time; provided that no such waiver shall be effective unless: (a) the Participant's Spouse consents in writing to the election; (b) the election designates a specific Beneficiary, including any class of Beneficiaries or any contingent Beneficiaries, which may not be changed without spousal consent (or the Spouse expressly permits designations by the

Participant without any further spousal consent); (c) the Spouse's consent acknowledges the effect of the election; and (d) the Spouse's consent is witnessed by a Plan representative or notary public. If it is established to the satisfaction of a Plan representative that there is no Spouse or that the Spouse cannot be located, a waiver will be deemed to meet the requirements of this Section.

Any consent by a Spouse obtained under this provision (or establishment that the consent of a Spouse may not be obtained) shall be effective only with respect to such Spouse. A consent that permits designations by the Participant without any requirement of further consent by such Spouse must acknowledge that the Spouse has the right to limit consent to a specific Beneficiary, and a specific form of benefit where applicable, and that the Spouse voluntarily elects to relinquish either or both of such rights. A revocation of a prior waiver may be made by a Participant without the consent of the Spouse at any time before the commencement of benefits. The number of revocations shall not be limited.

12.04 Definitions. For the purposes of this Section, the following definitions shall apply:

- (a) Spouse (Surviving Spouse). The Spouse or Surviving Spouse of the Participant, provided that a former Spouse will be treated as the Spouse or Surviving Spouse and a current Spouse will not be treated as the Spouse or Surviving Spouse to the extent provided under a qualified domestic relations order as described in section 414(p) of the Code.
- (b) Vested Account Balance. The aggregate value of the Participant's vested Account balances derived from Employer and Employee contributions (including rollovers), whether vested before or upon death, including the proceeds of insurance contracts, if any, on the Participant's life. The provisions of this Article shall apply to a Participant who is vested in amounts attributable to Employer Contributions, Employee contributions (or both) at the time of death or distribution.

XIII. LOANS TO PARTICIPANTS

13.01 Availability of Loans to Participants.

- (a) If the Employer has elected in the Adoption Agreement to make loans available to Participants, a Participant may apply for a loan from the Plan subject to the limitations and other provisions of this Article.
- (b) The Employer shall establish written guidelines governing the granting of loans, provided that such guidelines are approved by the Plan Administrator and are not inconsistent with the provisions of this Article, and that loans are made available to all applicable Participants on a reasonably equivalent basis.

13.02 Terms and Conditions of Loans to Participants. Any loan by the Plan to a Participant under Section 13.01 of the Plan shall satisfy the following requirements:

- (a) Availability. Loans shall be made available to all Participants who are active Employees on a reasonably equivalent basis. Loans shall not be made available to terminated Employees, Beneficiaries, or alternate payees.
- (b) Nondiscrimination. Loans shall not be made to highly compensated Employees in an amount greater than the amount made available to other Employees.
- (c) Interest Rate. Loans must be adequately secured and bear a reasonable interest rate.
- (d) Loan Limit. No Participant loan shall exceed the present value of the Participant's Nonforfeitable Interest in his/her Account.

- (e) Foreclosure. In the event of default, foreclosure on the note and attachment of security will not occur until a distributable event occurs in the Plan.
- (f) Reduction of Account. Notwithstanding any other provision of this Plan, the portion of the Participant's vested Account balance used as a security interest held by the Plan by reason of a loan outstanding to the Participant shall be taken into account for purposes of determining the amount of the Account balance payable at the time of death or distribution, but only if the reduction is used as repayment of the loan. If less than one hundred percent (100%) of the Participant's nonforfeitable Account balance (determined without regard to the preceding sentence) is payable to the surviving spouse, then the Account balance shall be adjusted by first reducing the nonforfeitable Account balance by the amount of the security used as repayment of the loan, and then determining the benefit payable to the surviving spouse.
- (g) Amount of Loan. At the time the loan is made, the principal amount of the loan plus the outstanding balance (principal plus accrued interest) due on any other outstanding loans to the Participant or Beneficiary from the Plan and from all other plans of the Employer that are qualified employer plans under section 72(p)(4) of the Code shall not exceed the lesser of:
 - (1) \$50,000, reduced by the excess (if any) of
 - (i) The highest outstanding balance of loans from the Plan during the one (1) year period ending on the day before the date on which the loan is made, over
 - (ii) The outstanding balance of loans from the Plan on the date on which such loan is made; or
 - (2) One-half (½) of the value of the Participant's Nonforfeitable Interest in all of his/her Accounts under this Plan (or \$10,000, if greater, for loans prior to January 1, 2006).

For the purpose of the above limitation, all loans from all qualified employer plans of the Employer, including 457(b) plans, under Code section 72(p)(4) are aggregated.

- (h) Application for Loan. The Participant must give the Employer adequate written notice, as determined by the Employer, of the amount and desired time for receiving a loan. No more than one (1) loan may be made by the Plan to a Participant in any calendar year. No loan shall be approved if an existing loan from the Plan to the Participant is in default to any extent.
- (i) Length of Loan. The terms of any loan issued or renegotiated after December 31, 1993, shall require the Participant to repay the loan in substantially equal installments of principal and interest, at least quarterly (except as otherwise provided in Treasury Regulation section 1.72(p)-1, Q&A-9 for certain leave of absence and military leave), over a period that does not exceed five (5) years from the date of the loan; provided, however, that if the proceeds of the loan are applied by the Participant to acquire any dwelling unit that is to be used within a reasonable time after the loan is made as the principal residence of the Participant, the five (5) year limit shall not apply. In this event, the period of repayment shall not exceed a reasonable period determined by the Employer. Principal installments and interest payments otherwise due may be suspended during an authorized leave of absence, if the promissory note so provides, but not beyond the original term permitted under this Subsection (i), with a revised payment schedule (within such term) instituted at the end of such period of suspension. If the Participant fails to make any installment payment, the Plan Administrator may, according to Treasury Regulation 1.72(p)-1, allow a cure period, which cure period cannot continue beyond the last day of the calendar quarter following the calendar quarter in which the

required installment payment was due.

- (j) Prepayment. The Participant shall be permitted to repay the loan in whole or in part at any time prior to maturity, without penalty.
- (k) Note. The loan shall be evidenced by a promissory note executed by the Participant and delivered to the Employer, and shall bear interest at a reasonable rate determined by the Employer. Unless waived by a Participant, any plan loan that is outstanding on the date that active duty military service begins will accrue interest at a rate of no more than 6% during the period of military service in accordance with the provisions of the Servicemembers Civil Relief Act (SCRA), 50 USC App. § 526 and subject to the notice requirements contained therein. This limitation applies even if loan payments are suspended during the period of military service as permitted under the Plan and Treasury regulations.
- (l) Security. The loan shall be secured by an assignment of that portion the Participant's right, title and interest in and to his/her Employer Contribution Account (to the extent vested), Participant Contribution Account, and Rollover Account that is equal to fifty percent (50%) of the Participant's Account (to the extent vested).
- (m) Assignment or Pledge. For the purposes of paragraphs (h) and (i), assignment or pledge of any portion of the Participant's interest in the Plan and a loan, pledge, or assignment with respect to any insurance contract purchased under the Plan, will be treated as a loan.
- (n) Spousal Consent. If the Employer elected the QJSA Election in the Adoption Agreement, the Participant must first obtain his or her spouse's notarized consent to the loan. Spousal consent shall be obtained no earlier than the beginning of the one-hundred eighty (180) day period (ninety (90) day period for plan years beginning before January 1, 2007) that ends on the date on which the loan is to be so secured. The consent must be in writing, must acknowledge the effect of the loan, and must be witnessed by a Plan representative or notary public. Such consent shall thereafter be binding with respect to the consenting spouse or any subsequent spouse with respect to that loan. A new consent shall be required if the account balance is used for renegotiation, extension, renewal, or other revision of the loan.
- (o) Other Terms and Conditions. The Employer shall fix such other terms and conditions of the loan as it deems necessary to comply with legal requirements, to maintain the qualification of the Plan and Trust under section 401(a) of the Code, or to prevent the treatment of the loan for tax purposes as a distribution to the Participant. The Employer, in its discretion for any reason, may fix other terms and conditions of the loan, not inconsistent with the provisions of this Article, including:
 - (1) the circumstances under which a loan becomes immediately due and payable, provided, however, with respect to loans issued after December 31, 2012, that the loan program shall not provide that a loan becomes due and payable solely because the Participant requests or receives a partial distribution of the Participant's account balance after termination of employment;
 - (2) rules relating to reamortization of loans; and
 - (3) rules relating to refinance of loans.

13.03 Participant Loan Accounts.

- (a) Upon approval of a loan to a Participant by the Employer, an amount not in excess of the loan shall be transferred from the Participant's other investment fund(s), described in Section 6.05 of the Plan, to the Participant's Loan Account as of the Accounting Date immediately preceding the agreed upon date on which the loan is to be made.

- (b) The assets of a Participant's Loan Account may be invested and reinvested only in promissory notes received by the Plan from the Participant as consideration for a loan permitted by Section 13.01 of the Plan or in cash. Uninvested cash balances in a Participant's Loan Account shall not bear interest. No person who is otherwise a fiduciary of the Plan shall be liable for any loss, or by reason of any breach, that results from the Participant's exercise of such control.
- (c) Repayment of principal and payment of interest shall be made by payroll deduction or Automated Clearing House (ACH) transfer, or with respect to a terminated Employee solely by ACH, and shall be invested in one (1) or more other investment funds, in accordance with Section 6.05 of the Plan, as of the next Accounting Date after payment thereof to the Trust. The amount so invested shall be deducted from the Participant's Loan Account. A payment intended to be a Prepayment or payment of the loan in full may also be made by cashier's check or money order, and shall be invested in accordance with this provision.
- (d) The Employer shall have the authority to establish other reasonable rules, not inconsistent with the provisions of the Plan, governing the establishment and maintenance of Participant Loan Accounts.

XIV. PLAN AMENDMENT, TERMINATION AND OPTIONAL PROVISIONS

14.01 Amendment by Employer. The Employer reserves the right, subject to Section 14.02 of the Plan, to amend the Plan from time to time by either:

- (a) Filing an amended Adoption Agreement to change, delete, or add any optional provision, or
- (b) Continuing the Plan in the form of an amended and restated Plan and Trust.

No amendment to the Plan shall be effective to the extent that it has the effect of decreasing a Participant's accrued benefit. Notwithstanding the preceding sentence, a Participant's Account balance may be reduced to the extent permitted under section 412(d)(2) of the Code. For purposes of this paragraph, a Plan amendment which has the effect of decreasing a Participant's Account balance or eliminating an optional form of benefit, with respect to benefits attributable to service before the amendment shall be treated as reducing an accrued benefit. Furthermore, if the vesting schedule of the Plan is amended, in the case of an Employee who is a Participant as of the later of the date such amendment is adopted or the date it becomes effective, the nonforfeitable percentage (determined as of such date) of such Employee's right to his/her Employer-derived accrued benefit will not be less than his percentage computed under the plan without regard to such amendment.

No amendment to the Plan shall be effective to eliminate or restrict an optional form of benefit. The preceding sentence shall not apply to a Plan amendment that eliminates or restricts the ability of a Participant to receive payment of his or her Account balance under a particular optional form of benefit if the amendment provides a single-sum distribution form that is otherwise identical to the optional form of benefit being eliminated or restricted. For this purpose, a single-sum distribution form is otherwise identical only if the single-sum distribution form is identical in all respects to the eliminated or restricted optional form of benefit (or would be identical except that it provides greater rights to the Participant) except with respect to the timing of payments after commencement.

The Employer may (1) change the choice of options in the Adoption Agreement, (2) add overriding language in the Adoption Agreement when such language is necessary to satisfy sections 415 or 416 of the Code because of the required aggregation of multiple plans, (3) amend administrative provisions of the trust or custodial document in the case of a nonstandardized plan and make more limited amendments in the case of a standardized plan such as the name of the plan, employer, trustee or custodian, plan administrator and other fiduciaries, the trust year, and the name of any pooled trust in which the Plan's trust will participate, (4) add certain sample or model amendments published by the Internal Revenue Service or other required

good faith amendments which specifically provide that their adoption will not cause the plan to be treated as individually designed, and (5) add or change provisions permitted under the Plan and/or specify or change the effective date of a provision as permitted under the Plan and correct obvious and unambiguous typographical errors and/or cross-references that merely correct a reference but that do not in any way change the original intended meaning of the provisions. An Employer that amends the Plan for any other reason will be considered to have an individually designed plan.

14.02 Amendment of Vesting Schedule. If the Plan's vesting schedule is amended, or the Plan is amended in any way that directly or indirectly affects the computation of the Participant's nonforfeitable percentage, each Participant may elect, within a reasonable period after the adoption of the amendment or change, to have the nonforfeitable percentage computed under the Plan without regard to such amendment or change.

The period during which the election may be made shall commence with the date the amendment is adopted or deemed to be made and shall end on the latest of:

- (a) Sixty (60) days after the amendment is adopted;
- (b) Sixty (60) days after the amendment becomes effective; or
- (c) Sixty (60) days after the Participant is issued written notice of the amendment by the Employer or Plan Administrator.

14.03 Termination by Employer. The Employer reserves the right to terminate this Plan. However, in the event of such termination no part of the Trust shall be used or diverted to any purpose other than for the exclusive benefit of the Participants or their Beneficiaries, except as provided in this Section.

Upon Plan termination or partial termination, all Account balances shall be valued at their fair market value and the Participant's right to his/her Employer Contribution Account shall be one hundred percent (100%) vested and nonforfeitable. Such amount and any other amounts held in the Participant's other Accounts shall be maintained for the Participant until paid pursuant to the terms of the Plan.

Any amounts held in a suspense account, after all liabilities of the Plan to Participants and Beneficiaries have been satisfied or provided for, shall be paid to the Employer in accordance with the Code and regulations thereunder.

In the event that the Commissioner of Internal Revenue determines that the Plan is not initially qualified under the Internal Revenue Code, any contribution made by the Employer incident to that initial qualification must be returned to the Employer within one year after the date the initial qualification is denied, but only if the application for the qualification is made by the time prescribed by law for filing the Employer's return for the year in which the Plan is adopted, or such later date as the Secretary of the Treasury may prescribe.

14.04 Discontinuance of Contributions. A permanent discontinuance of contributions to the Plan by the Employer, unless an amended and restated Plan is established, shall constitute a Plan termination. In the event of a complete discontinuance of contributions under the Plan, the Account balance of each affected Participant shall be nonforfeitable.

14.05 Amendment by Plan Administrator. The Plan Administrator may amend this Plan upon thirty (30) days written notification to the Employer; provided, however, that any such amendment must be for the express purpose of maintaining compliance with applicable federal laws and regulations, revenue rulings, other statements published

by the Internal Revenue Service (including model and sample amendments that specifically provide that their adoption will not cause such Plan to be individually designed), or corrections of prior approved Plans may be applied to all Employers who have adopted the Plan. Such amendment shall become effective unless, within such 30-day period, the Employer notifies the Administrator, in writing, that it disapproves such amendment, in which case such amendment shall not become effective. In the event of such disapproval, the Administrator shall be under no obligation to continue acting as Administrator hereunder.

For purposes of reliance on the advisory letter, the Plan Administrator shall no longer have authority to amend the Plan on behalf of the Employer as of the date of the adoption of an Employer amendment to the Plan to incorporate a type of plan not allowable in the volume submitter program described in section 16.03 of Revenue Procedure 2011-49 (or successor guidance) or as of the date the Internal Revenue Service notifies the Plan Administrator that the Plan is being treated as an individually designed plan pursuant to section 24.03 of Revenue Procedure 2011-49 (or successor guidance).

14.06 Optional Provisions. Any provision which is optional under this Plan shall become effective if and only if elected by the Employer and agreed to by the Plan Administrator.

14.07 Failure of Qualification. If the Employer's plan fails to attain or retain qualification, such plan will no longer participate in this Plan and will be considered an individually designed plan.

XV. ADMINISTRATION

15.01 Powers of the Employer. The Employer shall have the following powers and duties:

- (a) To appoint and remove, with or without cause, the Plan Administrator;
- (b) To amend or terminate the Plan pursuant to the provisions of Article XIV;
- (c) To appoint a committee to facilitate administration of the Plan and communications to Participants;
- (d) To decide all questions of eligibility (1) for Plan participation, and (2) upon appeal by any Participant, Employee or Beneficiary, for the payment of benefits;
- (e) To engage an independent qualified public accountant, when required to do so by law, to prepare annually the audited financial statements of the Plan's operation;
- (f) To take all actions and to communicate to the Plan Administrator in writing all necessary information to carry out the terms of the Plan and Trust; and
- (g) To notify the Plan Administrator in writing of the termination of the Plan.

15.02 Duties of the Plan Administrator. The Plan Administrator shall have the following powers and duties, subject to the oversight by the Employer:

- (a) To construe and interpret the provisions of the Plan;
- (b) To maintain and provide such returns, reports, schedules, descriptions, and individual Account statements as are required by law within the times prescribed by law; and to furnish to the Employer, upon request, copies of any or all such materials, and further, to make copies of such instruments, reports, descriptions, and statements as are required by law available for examination by Participants and such of their Beneficiaries who are or may be entitled to benefits under the Plan in such places and in such manner as required by law;

- (c) To obtain from the Employer such information as shall be necessary for the proper administration of the Plan;
- (d) To determine the amount, manner, and time of payment of benefits hereunder;
- (e) To appoint and retain such agents, counsel, and accountants for the purpose of properly administering the Plan;
- (f) To distribute assets of the Trust to each Participant and Beneficiary in accordance with Article X of the Plan;
- (g) To pay expenses from the Trust pursuant to Section 6.03 of the Plan; and
- (h) To do such other acts reasonably required to administer the Plan in accordance with its provisions or as may be provided for or required by the Code.

15.03 Protection of the Employer. The Employer shall not be liable for the acts or omissions of the Plan Administrator, but only to the extent that such acts or omissions do not result from the Employer's failure to provide accurate or timely information as required or necessary for proper administration of the Plan.

15.04 Protection of the Plan Administrator. The Plan Administrator may rely upon any certificate, notice or direction purporting to have been signed on behalf of the Employer which the Plan Administrator believes to have been signed by a duly designated official of the Employer.

15.05 Resignation or Removal of Plan Administrator. The Plan Administrator may resign at any time effective upon sixty (60) days prior written notice to the Employer. The Plan Administrator may be removed by the Employer at any time upon sixty (60) days prior written notice to the Plan Administrator. Upon the resignation or removal of the Plan Administrator, the Employer may appoint a successor Plan Administrator; failing such appointment, the Employer shall assume the powers and duties of Plan Administrator. Upon the resignation or removal of the Plan Administrator, any Trust assets invested by or held in the name of the Plan Administrator shall be transferred to the trustee in cash or property, at fair market value, except that the return of Trust assets invested in a contract issued by an insurance company shall be governed by the terms of that contract.

15.06 No Termination Penalty. The Plan Administrator shall have no authority or discretion to impose any termination penalty upon its removal.

15.07 Decisions of the Plan Administrator. All constructions, determinations, and interpretations made by the Plan Administrator pursuant to Section 15.02(a) or (d) or by the Employer pursuant to Section 15.01(d) shall be final and binding on all persons participating in the Plan, given deference in all courts of law to the greatest extent allowed by applicable law, and shall not be overturned or set aside by any court of law unless found to be arbitrary or capricious, or made in bad faith.

XVI. MISCELLANEOUS

16.01 Nonguarantee of Employment. Nothing contained in this Plan shall be construed as a contract of employment between the Employer and any Employee, or as a right of an Employee to be continued in the employment of the Employer, as a limitation of the right of the Employer to discharge any of its Employees, with or without cause.

16.02 Rights to Trust Assets. No Employee or Beneficiary shall have any right to, or interest in, any assets of the Trust upon termination of his/her employment or otherwise, except as provided from time to time under this Plan, and then only to the extent of the benefits payable under the Plan to such Employee or Beneficiary out of the assets of the Trust. All payments of benefits as provided for in this Plan shall be made solely out of the assets of the Trust and none of the fiduciaries shall be liable therefor in any manner.

16.03 Nonalienation of Benefits. Except as provided in Sections 16.04 and 16.06 of the Plan, benefits payable under this Plan shall not be subject in any manner to anticipation, alienation, sale, transfer, assignment, pledge, encumbrance, charge, garnishment, execution, or levy of any kind, either voluntary or involuntary, prior to actually being received by the person entitled to the benefit under the terms of the Plan; and any attempt to anticipate, alienate, sell, transfer, assign, pledge, encumber, charge or otherwise dispose of any right to benefits payable hereunder, shall be void. The Trust shall not in any manner be liable for, or subject to, the debts, contracts, liabilities, engagements or torts of any person entitled to benefits hereunder.

16.04 Qualified Domestic Relations Order. Notwithstanding Section 16.03 of the Plan, amounts may be paid with respect to a Participant pursuant to a domestic relations order, but if and only if the order is determined to be a qualified domestic relations order within the meaning of section 414(p) of the Code or any domestic relations order entered before January 1, 1985.

16.05 Nonforfeitability of Benefits. Subject only to the specific provisions of this Plan, nothing shall be deemed to deprive a Participant of his/her right to the Nonforfeitable Interest to which he/ she becomes entitled in accordance with the provisions of the Plan.

16.06 Incompetency of Payee. In the event any benefit is payable to a minor or incompetent, to a person otherwise under legal disability, or to a person who, in the sole judgment of the Employer, is by reason of advanced age, illness, or other physical or mental incapacity incapable of handling the disposition of his/her property, the Employer may apply the whole or any part of such benefit directly to the care, comfort, maintenance, support, education, or use of such person or pay or distribute the whole or any part of such benefit to:

- (a) The parent of such person;
- (b) The guardian, committee, or other legal representative, wherever appointed, of such person;
- (c) The person with whom such person resides;
- (d) Any person having the care and control of such person; or
- (e) Such person personally.

The receipt of the person to whom any such payment or distribution is so made shall be full and complete discharge therefor.

16.07 Inability to Locate Payee. Anything to the contrary herein notwithstanding, if the Employer is unable, after reasonable effort, to locate any Participant or Beneficiary to whom an amount is payable hereunder, such amount shall be forfeited and held in the Trust for application against the next succeeding Employer Contribution or contributions required to be made hereunder. Notwithstanding the foregoing, however, such amount shall be reinstated, by means of an additional Employer contribution, if and when a claim for the forfeited amount is subsequently made by the Participant or Beneficiary or if the Employer receives proof of death of such person, satisfactory to the Employer. To the extent not inconsistent with applicable law, any benefits lost by reason of escheat under applicable state law shall be considered forfeited and shall not be reinstated.

16.08 Mergers, Consolidations, and Transfer of Assets. The Plan shall not be merged into or consolidated with any other plan, nor shall any of its assets or liabilities be transferred into any such other plan, unless each Participant in the Plan would (if the Plan then terminated) receive a benefit immediately after the merger, consolidation, or transfer that is equal to or greater than the benefit he/she would have been entitled to receive immediately before the merger, consolidation, or transfer (if the Plan had then terminated).

- 16.09 Employer Records.** Records of the Employer as to an Employee's or Participant's Period of Service, termination of service and the reason therefor, leaves of absence, reemployment, Earnings, and Compensation will be conclusive on all persons, unless determined to be incorrect.
- 16.10 Gender and Number.** The masculine pronoun, whenever used herein, shall include the feminine pronoun, and the singular shall include the plural, except where the context requires otherwise.
- 16.11 Applicable Law.** The Plan shall be construed under the laws of the State where the Employer is located, except to the extent superseded by federal law. The Plan is established with the intent that it meets the requirements under the Code. The provisions of this Plan shall be interpreted in conformity with these requirements.

In the event of any conflict between the Plan and a policy or contract issued hereunder, the Plan provisions shall control; provided, however, no Plan amendment shall supersede an existing policy or contract unless such amendment is required to maintain qualification under section 401(a) and 414(d) of the Code.

- 16.12 Electronic Communication and Consent.** Unless expressly provided otherwise, where this Plan provides that a document, election, notification, direction, signature, or consent will be in writing, such writing may occur through an electronic medium, including but not limited to electronic mail, intranet or internet web posting and online account access, to the fullest extent permitted by applicable law.

XVII. SPOUSAL BENEFIT REQUIREMENTS

- 17.01 Application.** Effective as of January 1, 2006, where elected by the Employer in the Adoption Agreement (the "QJSA Election"), the provisions of this Article shall take precedence over any conflicting provision in this Plan. If elected, the provisions of this Article shall apply to any Participant who is credited with any Period of Service with the Employer on or after August 23, 1984, and such other Participants as provided in Section 17.06.
- 17.02 Qualified Joint and Survivor Annuity.** Unless an optional form of benefit is selected pursuant to a Qualified Election within the one-hundred eighty (180) day period ending on the Annuity Starting Date, a married Participant's Vested Account Balance will be paid in the form of a Qualified Joint and Survivor Annuity and an unmarried Participant's Vested Account Balance will be paid in the form of a Straight Life Annuity. The Participant may elect to have such annuity distributed upon the attainment of the Earliest Retirement Age under the Plan.
- 17.03 Qualified Optional Survivor Annuity.** For plan years beginning after December 31, 2007, if a married participant elects to waive the qualified joint and survivor annuity, the participant may elect the qualified optional survivor annuity at any time during the applicable election period, provided, however, that this Section shall apply only to the extent the Plan makes another survivor annuity available.
- 17.04 Qualified Preretirement Survivor Annuity.** If a Participant dies before the Annuity Starting Date, then fifty percent (50%) of the Participant's Vested Account Balance shall be applied toward the purchase of an annuity for the life of the Surviving Spouse; the remaining portion shall be paid to such Beneficiaries (which may include such Spouse) designated by the Participant. Notwithstanding the foregoing, the Participant may waive the spousal annuity by designating a different Beneficiary within the Election Period pursuant to a Qualified Election. To the extent that less than one hundred percent (100%) of the vested Account balance is paid to the Surviving Spouse, the amount of the Participant's Account derived from Employee contributions will be allocated to the Surviving Spouse in the same proportion as the amount of the Participant's Account derived from Employee contributions is to the Participant's total Vested Account Balance. The Surviving Spouse may elect to have such annuity distributed within a reasonable period after the Participant's death. Further, such Spouse may elect to receive any death benefit payable to him/her hereunder in any of the forms available to the Participant under Section 11.02.

17.05 Notice Requirements.

- (a) In the case of a Qualified Joint and Survivor Annuity as described in Section 17.02, the Plan Administrator shall, no less than thirty (30) days and no more than one-hundred eighty (180) days (or ninety (90) days for notices given in Plan Years before January 1, 2007) prior to the Annuity Starting Date, provide each Participant a written explanation of: (i) the terms and conditions of a Qualified Joint and Survivor Annuity; (ii) the Participant's right to make and the effect of an election to waive the Qualified Joint and Survivor Annuity form of benefit; (iii) the rights of a Participant's Spouse; and (iv) the right to make, and the effect of, a revocation of a previous election to waive the Qualified Joint and Survivor Annuity. However, if the Participant, after having received the written explanation, affirmatively elects a form of distribution and the Spouse consents to that form of distribution (if necessary), benefit payments may commence less than thirty (30) days after the written explanation was provided to the Participant, provided that the following requirements are met:
- (1) The Plan Administrator provides information to the Participant clearly indicating that the Participant has a right to at least thirty (30) days to consider whether to waive the Qualified Joint and Survivor Annuity and consent to a form of distribution other than a Qualified Joint and Survivor Annuity;
 - (2) The Participant is permitted to revoke an affirmative distribution election at least until the Annuity Starting Date, or if later, at any time prior to the expiration of the 7-day period that begins the day after the explanation of the Qualified Joint and Survivor Annuity is provided to the Participant;
 - (3) The Annuity Starting Date is after the date that the explanation of the Qualified Joint and Survivor Annuity is provided to the Participant; and
 - (4) Distribution in accordance with the affirmative election does not commence before the expiration of the 7-day period that begins after the day after the explanation of the Qualified Joint and Survivor Annuity is provided to the Participant.
- (b) In the case of a Qualified Preretirement Survivor Annuity as described in Section 17.04, the Plan Administrator shall provide each Participant within the applicable period for such Participant a written explanation of the Qualified Preretirement Survivor Annuity in such terms and in such manner as would be comparable to the explanation provided for meeting the requirements of Subsection (a) applicable to a Qualified Joint and Survivor Annuity.

The applicable period for a Participant is whichever of the following periods ends last:

- (i) the period beginning with the first day of the Plan Year in which the Participant attains age thirty-two (32) and ending with the close of the Plan Year preceding the Plan Year in which the Participant attains age thirty-five (35);
- (ii) a reasonable period ending after the individual becomes a Participant;
- (iii) a reasonable period ending after Subsection (c) ceases to apply to the Participant;
- (iv) a reasonable period ending after this Article first applies to the Participant. Notwithstanding the foregoing, notice must be provided within a reasonable period ending after separation from service in the case of a Participant who separates from service before attaining age thirty-five (35).

For purposes of applying the preceding paragraph, a reasonable period ending after the enumerated events

described in (ii), (iii) and (iv) is the end of the two (2) year period beginning one (1) year prior to the date the applicable event occurs, and ending one (1) year after that date. In the case of a Participant who separates from service before the Plan Year in which age thirty-five (35) is attained, notice shall be provided within the two (2) year period beginning one (1) year prior to separation and ending one (1) year after separation. If such a Participant thereafter returns to employment with the Employer, the applicable period for such Participant shall be redetermined.

- (c) Notwithstanding the other requirements of this Section, the respective notices prescribed by this Section need not be given to a Participant if (1) the Plan “fully subsidizes” the costs of a Qualified Joint and Survivor Annuity or Qualified Preretirement Survivor Annuity, and (2) the Plan does not allow the Participant to waive the Qualified Joint and Survivor Annuity or Qualified Preretirement Survivor Annuity and does not allow a married Participant to designate a non-Spouse Beneficiary. For purposes of this Subsection (c), a plan fully subsidizes the costs of a benefit if no increase in cost or decrease in benefits to the Participant may result from the Participant’s failure to elect another benefit.

17.06 Definitions. For the purposes of this Section, the following definitions shall apply:

- (a) Annuity Starting Date. The first day of the first period for which an amount is paid as an annuity or any other form.
- (b) Election Period. The period which begins on the first day of the Plan Year in which the Participant attains age thirty-five (35) and ends on the date of the Participant’s death. If a Participant separates from service prior to the first day of the Plan Year in which age thirty-five (35) is attained, with respect to the Account balance as of the date of separation, the Election Period shall begin on the date of separation. Pre-age thirty-five (35) waiver: A Participant who will not yet attain age thirty-five (35) as of the end of any current Plan Year may make a special Qualified Election to waive the Qualified Preretirement Survivor Annuity for the period beginning on the date of such election and ending on the first day of the Plan Year in which the Participant will attain age thirty-five (35). Such election shall not be valid unless the Participant receives a written explanation of the Qualified Preretirement Survivor Annuity in such terms as are comparable to the explanation required under Section 17.05(a). Qualified Preretirement Survivor Annuity coverage will be automatically reinstated as of the first day of the Plan Year in which the Participant attains age thirty-five (35). Any new waiver on or after such date shall be subject to the full requirements of this Article.
- (c) Earliest Retirement Age. The earliest date on which, under the Plan, the Participant could elect to receive retirement benefits.
- (d) Qualified Election. A waiver of a Qualified Joint and Survivor Annuity or a Qualified Preretirement Survivor Annuity. Any waiver of a Qualified Joint and Survivor Annuity or a Qualified Preretirement Survivor Annuity shall not be effective unless: (a) the Participant’s Spouse consents in writing to the election; (b) the election designates a specific Beneficiary, including any class of Beneficiaries or any contingent Beneficiaries, which may not be changed without spousal consent (or the Spouse expressly permits designations by the Participant without any further spousal consent); (c) the Spouse’s consent acknowledges the effect of the election; and (d) the Spouse’s consent is witnessed by a Plan representative or notary public. Additionally, a Participant’s waiver of the Qualified Joint and Survivor Annuity shall not be effective unless the election designates a form of benefit payment which may not be changed without spousal consent (or the Spouse expressly permits designations by the Participant without any further Spousal consent). If it is established to the satisfaction of a Plan representative that there is no Spouse or that the Spouse cannot be located, a waiver will be deemed a Qualified Election.

Any consent by a Spouse obtained under this provision (or establishment that the consent of a Spouse may not be obtained) shall be effective only with respect to such Spouse. A consent that permits designations

by the Participant without any requirement of further consent by such Spouse must acknowledge that the Spouse has the right to limit consent to a specific Beneficiary, and a specific form of benefit where applicable, and that the Spouse voluntarily elects to relinquish either or both of such rights. A revocation of a prior waiver may be made by a Participant without the consent of the Spouse at any time before the commencement of benefits. The number of revocations shall not be limited. No consent obtained under this provision shall be valid unless the Participant has received notice as provided in Section 17.05.

- (e) Qualified Joint and Survivor Annuity. An immediate annuity for the life of the Participant with a survivor annuity for the life of the Spouse which is fifty percent (50%) of the amount of the annuity which is payable during the joint lives of the Participant and the Spouse and which is the amount of benefit which can be purchased with the Participant's Vested Account Balance.
- (f) Spouse (Surviving Spouse). The Spouse or Surviving Spouse of the Participant, provided that a former Spouse will be treated as the Spouse or Surviving Spouse and a current Spouse will not be treated as the Spouse or Surviving Spouse to the extent provided under a qualified domestic relations order as described in section 414(p) of the Code.
- (g) Straight Life Annuity. An annuity payable in equal installments for the life of the Participant that terminates upon the Participant's death.
- (h) Vested Account Balance. The aggregate value of the Participant's vested Account balances derived from Employer and Employee contributions (including rollovers), whether vested before or upon death, including the proceeds of insurance contracts, if any, on the Participant's life. The provisions of this Article shall apply to a Participant who is vested in amounts attributable to Employer Contributions, Employee contributions (or both) at the time of death or distribution.

17.07 Annuity Contracts. Where benefits are to be paid in the form of a life annuity pursuant to the terms of this Article, a nontransferable annuity contract shall be purchased from a life insurance company and distributed to the Participant or Surviving Spouse, as applicable. The terms of any annuity contract purchased and distributed by the Plan shall comply with the requirements of this Plan and section 417 of the Code.

XVIII. FINAL PAY CONTRIBUTIONS

18.01 Eligibility. Effective as of January 1, 2006, if elected by the Employer in the Adoption Agreement, Final Pay Contributions on behalf of each eligible Participant equal to the equivalent of the accrued unpaid final pay, as defined in the Adoption Agreement ("Final Pay"), shall be contributed to the Plan. Eligibility for Final Pay Contributions is limited to only those Participants or class of Participants that the Employer elects in the Adoption Agreement.

18.02 Contribution Amount. At the election of the Employer in the Adoption Agreement, the Final Pay Contributions may be made as either (a) Employer Final Pay Contributions, or (b) Employee Designated Final Pay Contributions, as described below.

- (a) Employer Final Pay Contributions. The Employer shall contribute to the Plan for each eligible Participant the equivalent of a designated amount of accrued unpaid final pay upon termination of employment of the Participant, as the Employer so elects in the Adoption Agreement. The Employer's contribution for any Plan Year shall be due and paid not later than the time prescribed by applicable law. The Employer Final Pay Contributions shall be accounted for in the Employer Contribution Account.
- (b) Employee Designated Final Pay Contributions. The Employer shall contribute to the Plan for each eligible

Participant all or any portion of a Participant's Final Pay, as elected by the Participant. The Employer may limit the amount of Final Pay to be elected to be contributed to the Plan. Once elected, an Employee's election shall remain in force and may not be revised or revoked.

The Employee Designated Final Pay Contributions shall be accounted for in the Participant Contribution Account, and are nonforfeitable by the Participant at all times.

The Employee Designated Final Pay Contributions shall be "picked up" by the Employer in accordance with Code section 414(h)(2). The contributions shall be treated as an employer contribution in determining the tax treatment under the Code, and shall not be included as gross income of the Participant until it is distributed.

A Participant cannot elect to receive cash in lieu of any Final Pay Contribution.

18.03 Equivalencies. The Final Pay Contribution shall be determined by multiplying the Participant's current daily rate of pay from the Employer times the amount of accrued unpaid leave being converted.

18.04 Excess Contributions. Final Pay Contributions are limited to the extent of applicable law and any Code limitation. No Final Pay Contribution shall be made to the extent that it would exceed the applicable Code section 415 limitation, as set forth in Article V. Any excess contributions as a result of the Code section 415 limitation shall remain in the Participant's leave bank.

XIX. ACCRUED LEAVE CONTRIBUTIONS

19.01 Eligibility. Effective as of January 1, 2006, if elected by the Employer in the Adoption Agreement, Accrued Leave Contributions on behalf of each eligible Participant equal to the equivalent of the accrued unpaid leave, as defined in the Adoption Agreement ("Accrued Leave"), shall be contributed to the Plan. Eligibility for Accrued Leave Contributions is limited to only those Participants or class of Participants that the Employer elects in the Adoption Agreement.

19.02 Contribution Amount. At the election of the Employer in the Adoption Agreement, the Accrued Leave Contributions may be made as either (a) Employer Accrued Leave Contributions, or (b) Employee Designated Accrued Leave Contributions, as described below.

- (a) Employer Accrued Leave Contributions. The Employer shall contribute to the Plan for each eligible Participant the equivalent of a designated amount of accrued unpaid leave each year, as the Employer so elects in the Adoption Agreement. The Employer's contribution for any Plan Year shall be due and paid not later than the time prescribed by applicable law. The Employer Accrued Leave Contributions shall be accounted for in the Employer Contribution Account.
- (b) Employee Designated Accrued Leave Contributions. The Employer shall contribute to the Plan for each eligible Participant all or any portion of a Participant's Accrued Leave, as elected by the Participant. The Employer may limit the amount of Accrued Leave to be elected to be contributed to the Plan. Once elected, an Employee's election shall remain in force and may not be revised or revoked. The Employee Designated Accrued Leave Contributions shall be accounted for in the Participant Contribution Account, and are nonforfeitable by the Participant at all times.

The Employee Designated Accrued Leave Contributions shall be "picked up" by the Employer in accordance with Code section 414(h)(2). The contributions shall be treated as an employer contribution in determining the tax treatment under the Code, and shall not be included as gross income of the Participant until it is

distributed.

A Participant cannot elect to receive cash in lieu of any Accrued Leave Contribution.

- 19.03 Equivalencies.** The Accrued Leave Contribution shall be determined by multiplying the Participant's current daily rate of pay from the Employer times the amount of accrued unpaid leave being converted.
- 19.04 Excess Contributions.** Accrued Leave Contributions are limited to the extent of applicable law and any Code limitation. No Accrued Leave Contribution shall be made to the extent that it would exceed the applicable Code section 415 limitation, as set forth in Article V. Any excess contributions as a result of the Code section 415 limitation shall remain in the Participant's leave bank.

XX. ROTH PROVISIONS

- 20.01 Effective Date.** This Article XX has no effect unless and until the Employer affirmatively elects to permit Roth Elective Deferrals under Section 20.03 in the Adoption Agreement. An Employer may elect to permit Roth Elective Deferrals under Section 20.03 only if the Plan offers Elective Deferrals.
- 20.02 Definitions.** The following definitions shall apply for purposes of this Article XX.
- (a) Designated Roth Account. A bookkeeping account established and maintained to record the Participant's Roth Elective Deferrals, In-Plan Roth Conversions, rollovers from a designated Roth account under an Eligible Retirement Plan, and the income gains and losses thereon. Unless specifically stated otherwise, all references in the Plan to a Participant's Account shall include a Participant's Designated Roth Account.
 - (b) In-Plan Roth Conversion. A distribution occurring after September 27, 2010 from a Participant's Account, other than the Participant's Designated Roth Account, that is rolled over to the Participant's Designated Roth Account under the Plan, pursuant to Code section 402A(c)(4). Notwithstanding anything herein to the contrary, an amount is not eligible for an In-Plan Roth Conversion unless it is distributable under the terms of the Plan and such distribution is an eligible rollover distribution within the meaning of Code section 402(c)(4). Thus, for example, amounts that are not fully vested are not eligible for an In-Plan Roth Conversion.
 - (c) Pre-Tax Account. A bookkeeping account established and maintained to record the portion of the Participant's Account attributable to amounts other than Roth Elective Deferrals, In-Plan Roth Conversions, rollovers from designated Roth accounts under other eligible retirement plans, and the income gains and losses thereon. Unless specifically stated otherwise, all references in the Plan to a Participant's Account shall include a Participant's Pre-Tax Account.
 - (d) Qualified Roth Contribution Program. A program described in paragraph (1) of Code section 402A(b), under which a Participant may make Roth Elective Deferrals in lieu of all or a portion of the elective deferrals the Participant is otherwise eligible to make under the Plan.
 - (e) Roth Elective Deferrals. Amounts contributed pursuant to Section 20.03 by a Participant, which amounts are:
 - (1) designated irrevocably by the Participant at the time of the cash or deferred election as a Roth elective deferral that is being made in lieu of all or a portion of the pre-tax Elective Deferrals the Participant is otherwise eligible to make under the Plan; and
 - (2) treated by the Employer as includible in the Participant's income at the time the Participant otherwise would have received that amount as Compensation.

20.03 Permitted Roth Elective Deferrals.

- (a) As of the effective date, a Participant shall be permitted to make Roth Elective Deferrals from his or her Compensation in such amount or percentage as may be specified in a salary reduction agreement executed by the Participant. A Participant's Roth Elective Deferrals will be allocated to a separate Designated Roth Account maintained for such deferrals as defined in Section 20.02(a) above.
- (b) Unless specifically stated otherwise, Roth Elective Deferrals will be treated as Elective Deferrals for all purposes under the Plan.

20.04 Separate Accounting.

- (a) Contributions and withdrawals of Roth Elective Deferrals, In-Plan Roth Conversions, and rollovers from a designated Roth account under an Eligible Retirement Plan will be credited and debited to a participant's Designated Roth Account.
- (b) The Plan will maintain a record of the amount of Roth Elective Deferrals, In-Plan Roth Conversions, and rollovers from a designated Roth account under an Eligible Retirement Plan in each Participant's Designated Roth Account.
- (c) Gains, losses, and other credits or charges must be separately allocated on a reasonable and consistent basis to each Participant's Designated Roth Account and the Participant's other Accounts under the Plan.
- (d) No contributions other than Roth Elective Deferrals, In-Plan Roth Conversions, rollovers from a designated Roth account under an Eligible Retirement Plan, and properly attributable Earnings will be credited to each Participant's Designated Roth Account.

20.05 Direct Rollovers.

- (a) Notwithstanding anything to the contrary in the Plan, a direct rollover of a distribution from a Designated Roth Account under the Plan shall be made only to another designated Roth account under an applicable retirement plan described in section 402A(e)(1) of the Code or to a Roth IRA described in section 408A of the Code, and only to the extent the rollover is permitted under the rules of section 402(c) of the Code.
- (b) Notwithstanding anything to the contrary in the Plan, unless otherwise provided by the Employer in the Adoption Agreement, the Plan will accept a rollover contribution to a Designated Roth Account only if it is a direct rollover from another designated Roth account under an applicable retirement plan described in section 402A(e)(1) of the Code, or if the rollover is an In-Plan Conversion defined in section 20.06 of this document.
- (c) Eligible rollover distributions from a Participant's Designated Roth Account are taken into account in determining whether the total amount of the Participant's Account balances under the Plan exceeds \$1,000 for purposes of mandatory distributions from the Plan.

20.06 In-Plan Roth Conversions. Unless otherwise elected by the Employer in the Adoption Agreement, as of the effective date of this Article the Plan shall allow for In-Plan Roth Conversions.

- (a) Tax Treatment. The amount of an In-Plan Roth Conversion shall be includible in the Participant's gross income, as though it were not part of a qualified rollover contribution.
- (b) Irrevocability. Any election made by the Participant to do an In Plan Roth Conversion shall be irrevocable.

- (c) Treatment of Loans. Outstanding plan loans shall be excluded from In-Plan Roth Conversions. Notwithstanding anything herein to the contrary, an In-Plan Roth Conversion shall not accelerate or otherwise cause a Participant to default on an outstanding plan loan.
- (d) Spousal Consent. Notwithstanding anything herein to the contrary, if the Plan requires spousal consent to distribution, a married Participant shall not be required to obtain spousal consent in connection with an election to make an In-Plan Roth Conversion.
- (e) Availability of Loans from Designated Roth Accounts. A Participant's Designated Roth Account balance can

be included to determine a Participant loan amount under Article XIII. However, unless the Employer elects otherwise in the Adoption Agreement, Designated Roth Accounts will not be available as a source for loans under the Plan.

- (f) **Effective Date.** This section 20.06 shall be effective for distributions occurring after September 27, 2010, or if later, when adopted by the Employer.

DECLARATION OF TRUST

This Declaration of Trust (the "Group Trust Agreement") is made as of the 19th day of May, 2001, by VantageTrust Company, which declares itself to be the sole Trustee of the trust hereby created.

WHEREAS, the ICMA Retirement Trust was created as a vehicle for the commingling of the assets of governmental plans and governmental units described in Section 818(a)(6) of the Internal Revenue Code of 1986, as amended, pursuant to a Declaration of Trust dated October 4, 1982, as subsequently amended, a copy of which is attached hereto and incorporated by reference as set out below (the "ICMA Declaration"); and

WHEREAS, the trust created hereunder (the "Group Trust") is intended to meet the requirements of Revenue Ruling 81-100, 1981-1 C.B. 326, and is established as a common trust fund within the meaning of Section 391:1 of Title 35 of the New Hampshire Revised Statutes Annotated, to accept and hold for investment purposes the assets of the Deferred Compensation and Qualified Plans held by and through the ICMA Retirement Trust.

NOW, THEREFORE, the Group Trust is created by the execution of this Declaration of Trust by the Trustee and is established with respect to each Deferred Compensation and Qualified Plan by the transfer to the Trustee of such Plan's assets in the ICMA Retirement Trust, by the Trustees thereof, in accord with the following provisions:

- (a) *Incorporation of ICMA Declaration by Reference; ICMA By-Laws.* Except as otherwise provided in this Group Trust Agreement, and to the extent not inconsistent herewith, all provisions of the ICMA Declaration are incorporated herein by reference and made a part hereof, to be read by substituting the Group Trust for the Retirement Trust and the Trustee for the Board of Trustees referenced therein. In this respect, unless the context clearly indicates otherwise, all capitalized terms used herein and defined in the ICMA Declaration have the meanings assigned to them in the ICMA Declaration. In addition, the By-Laws of the ICMA Retirement Trust, as the same may be amended from time-to-time, are adopted as the By-Laws of the Group Trust to the extent not inconsistent with the terms of this Group Trust Agreement.

Notwithstanding the foregoing, the terms of the ICMA Declaration and By-Laws are further modified with respect to the Group Trust created hereunder, as follows:

1. any reporting, distribution, or other obligation of the Group Trust vis-à-vis any Deferred Compensation Plan, Qualified Plan, Public Employer, Public Employer Trustee, or Employer Trust shall be deemed satisfied to the extent that such obligation is undertaken by the ICMA Retirement Trust (in which case the obligation of the Group Trust shall run to the ICMA Retirement Trust); and
 2. all provisions dealing with the number, qualification, election, term and nomination of Trustees shall not apply, and all other provisions relating to trustees (including, but not limited to, resignation and removal) shall be interpreted in a manner consistent with the appointment of a single corporate trustee.
- (b) *Compliance with Revenue Procedure 81-100.* The requirements of Revenue Procedure 81-100 are applicable to the Group Trust as follows:

1. Pursuant to the terms of this Group Trust Agreement and Article X of the By-Laws, investment in the Group Trust is limited to assets of Deferred Compensation and Qualified Plans, investing through the ICMA Retirement Trust.
 2. Pursuant to the By-Laws, the Group Trust is adopted as a part of each Qualified Plan that invests herein through the ICMA Retirement Trust.
 3. In accord with the By-Laws, that part of the Group Trust's corpus or income which equitably belongs to any Deferred Compensation and Qualified Plan may not be used for or diverted to any purposes other than for the exclusive benefit of the Plan's employees or their beneficiaries who are entitled to benefits under such Plan.
 4. In accord with the By-Laws, no Deferred Compensation Plan or Qualified Plan may assign any or part of its equity or interest in the Group Trust, and any purported assignment of such equity or interest shall be void.
- (c) *Governing Law.* Except as otherwise required by federal, state or local law, this Declaration of Trust (including the ICMA Declaration to the extent incorporated herein) and the Group Trust created hereunder shall be construed and determined in accordance with applicable laws of the State of New Hampshire.
- (d) *Judicial Proceedings.* The Trustee may at any time initiate an action or proceeding in the appropriate state or federal courts within or outside the state of New Hampshire for the settlement of its accounts or for the determination of any question of construction which may arise or for instructions.

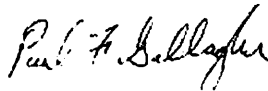
IN WITNESS WHEREOF, the Trustee has executed this Declaration of Trust as of the day and year first above written.

VANTAGETRUST COMPANY

By:

Name:

Title:



Paul F. Gallagher

Assistant Secretary



TAX EXEMPT AND
GOVERNMENT ENTITIES
DIVISION

DEPARTMENT OF THE TREASURY
INTERNAL REVENUE SERVICE
WASHINGTON, D.C. 20224

Plan Description: Volume Submitter Profit Sharing Plan
FFN: 315D0880004-001 Case: 201200591 EIN: 23-7268394
Letter Serial No: J593645a
Date of Submission: 04/02/2012

ICMA RETIREMENT CORP
777 NORTH CAPITOL ST. NE, SUITE 600
WASHINGTON, DC 20002

Contact Person:
Janell Hayes
Telephone Number:
513-263-3602
In Reference To: TEGE:EP:7521
Date: 03/31/2014

Dear Applicant:

In our opinion, the form of the plan identified above is acceptable under section 401 of the Internal Revenue Code for use by employers for the benefit of their employees. This opinion relates only to the acceptability of the form of the plan under the Internal Revenue Code. It is not an opinion of the effect of other Federal or local statutes.

You must furnish a copy of this letter, a copy of the approved plan, and copies of any subsequent amendments to adopting employers if the practitioner is authorized to amend the plan on their behalf, to each employer who adopts this plan. Effective on or after 10/31/2011, interim amendments adopted by the practitioner on behalf of employers must provide the date of adoption by the practitioner.

This letter considers the changes in qualification requirements contained in the 2010 Cumulative List of Notice 2010-90, 2010-52 I.R.B. 909.

Our opinion on the acceptability of the form of the plan is not a ruling or determination as to whether an employer's plan qualifies under Code section 401(a). However, an employer that adopts this plan may rely on this letter with respect to the qualification of its plan under Code section 401(a), as provided for in Rev. Proc. 2011-49, 2011-44 I.R.B. 608, and outlined below. The terms of the plan must be followed in operation.

Except as provided below, our opinion does not apply with respect to the requirements of Code sections 401(a)(4), 401(l), 410(b), and 414(s). Our opinion does not apply for purposes of Code section 401(a)(10)(B) and section 401(a)(16) if an employer ever maintained another qualified plan for one or more employees who are covered by this plan. For this purpose, the employer will not be considered to have maintained another plan merely because the employer has maintained another defined contribution plan(s), provided such other plan(s) has been terminated prior to the effective date of this plan and no annual additions have been credited to the account of any participant under such other plan(s) as of any date within the limitation year of this plan. Also, for this purpose, an employer is considered as maintaining another plan, to the extent that the employer maintains a welfare benefit fund defined in Code section 419(e), which provides postretirement medical benefits allocated to separate accounts for key employees as defined in Code section 419A(d)(3), or an individual medical account as defined in Code section 415(l)(2), which is part of a pension or annuity plan maintained by the employer, or a simplified employee pension plan.

Our opinion does not apply for purposes of the requirement of section 1.401(a)-1(b)(2) of the regulations applicable to a money purchase plan or target benefit plan where the normal retirement age under the employer's plan is lower than age 62.

Letter 4333

ICMA RETIREMENT CORP
FFN: 315D0880004-001
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This is not a ruling or determination with respect to any language in the plan that reflects Section 3 of the Defense of Marriage Act, Pub. L. 104-199, 110 Stat. 2419 (DOMA) or U.S. v. Windsor, 133 S. Ct. 2675 (2013), which invalidated that section.

This letter is not a ruling with respect to the tax treatment to be accorded contributions which are picked up by the governmental employing unit within the meaning of section 414(h)(2) of the Internal Revenue Code.

Our opinion applies with respect to the requirements of Code section 410(b) if 100 percent of all nonexcludable employees benefit under the plan. Employers that elect a safe harbor allocation formula and a safe harbor compensation definition can also rely on an advisory letter with respect to the nondiscriminatory amounts requirement under section 401(a)(4). If this plan includes a CODA or otherwise provides for contributions subject to sections 401(k) and/or 401(m), the advisory letter can be relied on with respect to the form of the nondiscrimination tests of 401(k)(3) and 401(m)(2) if the employer uses a safe harbor compensation definition. In the case of plans described in section 401(k)(12) or (13) and/or 401(m)(11) or (12), employers may also rely on the advisory letter with respect to whether the form of the plan satisfies the requirements of those sections unless the plan provides for the safe harbor contribution to be made under another plan.

The employer may request a determination (1) as to whether the plan, considered with all related qualified plans and, if appropriate, welfare benefit funds, individual medical benefit accounts, and simplified employee pension plans, satisfies the requirements of Code section 401(a)(16) as to limitations on benefits and contributions in Code section 415 and the requirements of Code section 401(a)(10)(B) as to the top-heavy plan requirements in Code section 416; (2) with respect to whether a money purchase or target benefit plan's normal retirement age which is earlier than age 62 satisfies the requirements of section 401(a)-1(b)(2) of the Income Tax Regulations; (3) that the plan is a multiple employer plan; (4) whether there has been a partial termination; and (5) to comply with published procedures of the Service (e.g. minimum funding waiver request). The employer may request a determination letter by filing an application with Employee Plans Determinations on Form 5307, with regard to item (1) above, and Form 5300, for items (2), (3), (4) and (5), without restating for the Cumulative List in effect when the application is filed.

If you, the volume submitter practitioner, have any questions concerning the IRS processing of this case, please call the above telephone number. This number is only for use of the practitioner. Individual participants and/or adopting employers with questions concerning the plan should contact the volume submitter practitioner. The plan's adoption agreement, if applicable, must include the practitioner's address and telephone number for inquiries by adopting employers.

If you write to the IRS regarding this plan, please provide your telephone number and the most convenient time for us to call in case we need more information. Whether you call or write, please refer to the Letter Serial Number and File Folder Number shown in the heading of this letter.

You should keep this letter as a permanent record. Please notify us if you modify or discontinue sponsorship of this plan.

Sincerely Yours,



Andrew E. Zuckerman
Director, Employee Plans Rulings and Agreements

Letter 4333



ICMA RETIREMENT CORPORATION
777 NORTH CAPITOL STREET, NE | WASHINGTON, DC 20002-4240
800-669-7400
WWW.ICMARC.ORG
BRC000-213-21267-201405-W1372
REV 3/2015

ICMA RETIREMENT CORPORATION

GOVERNMENTAL PROFIT-SHARING PLAN & TRUST ADOPTION AGREEMENT



**ICMA RETIREMENT CORPORATION
GOVERNMENTAL PROFIT-SHARING PLAN & TRUST
ADOPTION AGREEMENT**

Plan Number 10 9793 _____

The Employer hereby establishes a Profit Sharing Plan and Trust to be known as 2017 CITY OF FRANKLIN DC PLAN
(the "Plan") in the form of the ICMA Retirement Corporation Governmental Profit Sharing Plan and Trust.

This Plan is an amendment and restatement of an existing defined contribution profit sharing plan.

☐ Yes ☒ No

If yes, please specify the name of the defined contribution profit sharing plan which this Plan hereby amends and restates:

I. **Employer:** City of Franklin

II. **Effective Dates**

- ☐ 1. **Effective Date of Restatement.** If this document is a restatement of an existing plan, the effective date of the Plan shall be January 1, 2007 unless an alternate effective date is hereby specified: _____

(Note: An alternate effective date can be no earlier than January 1, 2007.)

- ☒ 2. **Effective Date of New Plan.** If this is a new Plan, the effective date of the Plan shall be the first day of the Plan Year during which the Employer adopts the Plan, unless an alternate Effective Date is hereby specified:
January 1, 2019

3. **Special Effective Dates.** Please note here any elections in the Adoption Agreement with an effective date that is different from that noted in 1. or 2. above.

(Note provision and effective date.)

III. **Plan Year will mean:**

- ☐ The twelve (12) consecutive month period which coincides with the limitation year. (See Section 5.05(h) of the Plan.)
- ☐ The twelve (12) consecutive month period commencing on January 1 _____ and each anniversary thereof.

IV. **Normal Retirement Age shall be age** _____ **(not to exceed age 65).**

V. ELIGIBILITY REQUIREMENTS

1. The following group or groups of Employees are eligible to participate in the Plan:

- ☐ All Employees
- ☐ All Full Time Employees
- ☐ Salaried Employees
- ☐ Non union Employees
- ☐ Management Employees
- ☐ Public Safety Employees
- ☐ General Employees
- ☒ Other Employees (Specify the group(s) of eligible employees below. Do not specify employees by name. Specific positions are acceptable.) All full time employees hired on or after January 1, 2017

The group specified must correspond to a group of the same designation that is defined in the statutes, ordinances, rules, regulations, personnel manuals or other material in effect in the state or locality of the Employer. The eligibility requirements cannot be such that an Employee becomes eligible only in the Plan Year in which the Employee terminates employment. Note: As stated in Sections 4.08 and 4.09, the Plan may, however, provide that Final Pay Contributions or Accrued Leave Contributions are the only contributions made under the Plan.

2. The Employer hereby waives or reduces the requirement of a twelve (12) month Period of Service for participation. The required Period of Service shall be (write N/A if an Employee is eligible to participate upon employment) _____.

If this waiver or reduction is elected, it shall apply to all Employees within the Covered Employment Classification.

3. A minimum age requirement is hereby specified for eligibility to participate. The minimum age requirement is N/A (not to exceed age 21. Write N/A if no minimum age is declared.)

VI. CONTRIBUTION PROVISIONS

1. The Employer shall contribute as follows (Choose all that apply):

Fixed Employer Contributions With or Without Mandatory Participant Contributions. (If Option B is chosen, please complete section C.)

- ☐ A. Fixed Employer Contributions. The Employer shall contribute on behalf of each Participant _____% of Earnings or \$_____ for the Plan Year (subject to the limitations of Article V of the Plan).
Mandatory Participant Contributions:

☐ are required ☐ are not required

to be eligible for this Employer Contribution.

☐ B. Mandatory Participant Contributions for Plan Participation.

Required Mandatory Contributions. A Participant is required to contribute (subject to the limitations of Article V of the Plan) the specified amounts designated in items (i) through (iii) of the Contribution Schedule below:

☐ Yes ☐ No

Employee Opt-In Mandatory Contributions. To the extent that mandatory Participant contributions are not required by the Plan, each Employee eligible to participate in the Plan shall be given the opportunity to irrevocably elect to participate in the Mandatory Participant Contribution portion of the Plan by electing to contribute the specified amounts designated in items (i) through (iii) of the Contribution Schedule below for each Plan Year (subject to the limitations of Article V of the Plan):

☐ Yes ☐ No

Contribution Schedule.

- (i) _____ % of Earnings,
- (ii) \$ _____, or
- (iii) a whole percentage of Earnings between the range of _____ (*insert range of percentages between 1% and 20% inclusive (e.g., 3%, 6%, or 20%; 5% to 7%)*), as designated by the Employee in accordance with guidelines and procedures established by the Employer for the Plan Year as a condition of participation in the Plan. A Participant must pick a single percentage and shall not have the right to discontinue or vary the rate of such contributions after becoming a Plan Participant.

Employer "Pick Up". The Employer hereby elects to "pick up" the Mandatory Participant Contributions.¹

☐ Yes ☐ No (*"Yes" is the default provision under the Plan if no selection is made.*)

☐ C. Election Window. (Complete if Option B is selected.)

Newly eligible Employees shall be provided an election window of _____ days (*no more than 60 calendar days*) from the date of initial eligibility during which they may make the election to participate in the Mandatory Participant Contribution portion of the Plan. Participation in the Mandatory Participant Contribution portion of the Plan shall begin the first of the month following the end of the election window.

An Employee's election is irrevocable and shall remain in force until the Employee terminates employment or ceases to be eligible to participate in the Plan. In the event of re-employment to an eligible position, the Employee's original election will resume. In no event does the Employee have the option of receiving the pick-up contribution amount directly.

☐ Discretionary Employer Contributions

The Employer will determine the amount of Employer contributions to be made to the Plan for each Plan Year. The amount of Employer contributions to be allocated to the Account of each Participant will be based on the ratio for the Plan Year that such Participant's Earnings bears to the Earnings of all Participants eligible for such contributions.

¹ Neither an IRS advisory letter nor a determination letter issued to an adopting Employer is a ruling by the Internal Revenue Service that Participant contributions that are "picked up" by the Employer are not includable in the Participant's gross income for federal income tax purposes. Pick-up contributions are not mandated to receive private letter rulings, however, if an adopting employer wishes to receive a ruling on pick-up contributions they may request one in accordance with Revenue Procedure 2012-4 (or subsequent guidance).

☐ **Fixed Employer Match of Voluntary After-Tax Participant Contributions.**

The Employer shall contribute on behalf of each Participant _____% of Earnings for the Plan Year (subject to the limitations of Article V of the Plan) for each Plan Year that such Participant has contributed _____ % of Earnings or \$ _____. Under this option, there is a single, fixed rate of Employer contributions, but a Participant may decline to make the required Participant contributions in any Plan Year, in which case no Employer contribution will be made on the Participant's behalf in that Plan Year.

☒ **Variable Employer Match of Voluntary After-Tax Participant Contributions.**

The Employer shall contribute on behalf of each Participant an amount determined as follows (subject to the limitations of Article V of the Plan):

Attach % of the Voluntary Participant Contributions made by the Participant for the Plan Year (not including Participant contributions exceeding _____% of Earnings or \$ _____);

PLUS _____ % of the contributions made by the Participant for the Plan Year in excess of those included in the above paragraph (but not including Voluntary Participant Contributions exceeding in the aggregate _____% of Earnings or \$ _____).

Employer Matching Contributions on behalf of a Participant for a Plan Year shall not exceed _____ \$ or _____% of Earnings, whichever is ____ more or ____ less.

2. Each Participant may make a voluntary (unmatched), after tax contribution, subject to the limitations of Section 4.06 and Article V of the Plan:

☐ Yes

☐ No ("*No*" is the default provision under the Plan if no selection is made.)

3. Employer contributions for a Plan Year shall be contributed to the Trust in accordance with the following payment schedule (no later than the 15th day of the tenth calendar month following the end of the calendar year or fiscal year (as applicable depending on the basis on which the Employer keeps its books) with or within which the particular Limitation year ends, or in accordance with applicable law):

4. Participant contributions for a Plan Year shall be contributed to the Trust in accordance with the following payment schedule (no later than the 15th day of the tenth calendar month following the end of the calendar year or fiscal year (as applicable depending on the basis on which the Employer keeps its books) with or within which the particular Limitation year ends, or in accordance with applicable law):

5. In the case of a Participant performing qualified military service (as defined in Code section 414(u)) with respect to the Employer:

A. Plan contributions will be made based on differential wage payments:

☐ Yes

☐ No ("*Yes*" is the default provision under the Plan if no selection is made.)

If yes is selected, this is effective beginning January 1, 2009 unless another later effective date is filled in here

_____.

B. Participants who die or become disabled will receive Plan contributions with respect to such service:

☐ Yes ☐ No ("*No*" is the default provision under the Plan if no selection is made.)

If yes is selected, this is effective for participants who died or became disabled while performing qualified military service on or after January 1, 2007 unless another later effective date is filled in here

_____.

VII. CASH OR DEFERRED ARRANGEMENT UNDER SECTION 401(k)

1. This Plan will include a cash or deferred arrangement allowing for Elective Deferrals under section 401(k) of the Code:²

☐ Yes ☐ No ("*No*" is the default provision under the Plan if no selection is made.)

(If "*no*" is selected, skip to section VIII.)

Each Participant may elect to make Elective Deferrals, not to exceed _____ % of Earnings for the Plan Year, subject to the limitations of Article V of the Plan.

The provisions of the cash or deferred arrangement (the "401(k) feature") may be made effective as of the first day of the Plan Year in which the 401(k) feature is adopted. However, under no circumstances may a salary reduction agreement or other deferral mechanism be adopted retroactively.

2. The Employer will match Elective Deferrals:

☐ Yes ☐ No ("*No*" is the default provision under the Plan if no selection is made.)

The Employer will contribute as follows (choose one, if applicable):

☐ Employer Percentage Match of Elective Deferrals.

The Employer shall contribute on behalf of each Participant an amount determined as follows (subject to the limitations of Article V of the Plan):

_____ % of the Elective Deferrals made on behalf of the Participant for the Plan Year (not including Elective Deferrals exceeding _____ % of Earnings or \$ _____);

PLUS _____ % of the Elective Deferrals made on behalf of the Participant for the Plan Year in excess of those included in the above paragraph (but not including Elective Deferrals exceeding in the aggregate _____ % of Earnings or \$ _____).

Employer Contributions on behalf of a Participant for a Plan Year shall not exceed \$ _____ or _____ % of Earnings, whichever is _____ more or _____ less.

² Under current law, the cash or deferred arrangement option under section 401(k) of the Code is not available to an employer that is a State or local government or political subdivision thereof, or any agency or instrumentality thereof, unless that employer established a cash or deferred arrangement on or before May 6, 1986.

☐ **Employer Dollar Match of Elective Deferrals.**

The Employer shall contribute on behalf of each Participant an amount determined as follows (subject to the limitations of Article V of the Plan):

\$ _____ for each _____ % of Earnings or \$ _____ that the Employer contributes on behalf of the Participant as Elective Deferrals for the Plan Year (not including Elective Deferrals exceeding _____ % of Earnings or \$ _____);

PLUS \$ _____ for each _____ % of Earnings or \$ _____ that the Employer contributes on behalf of the Participant as Elective Deferrals for the Plan Year in excess of those included in the above paragraph (but not including Elective Deferrals exceeding in the aggregate _____ % of Earnings or \$ _____).

Employer Contributions on behalf of a Participant for a Plan Year shall not exceed \$ _____ or _____ % of Earnings, whichever is _____ more or _____ less.

3. The Employer will permit Elective Deferrals and Catch-up Contributions elections to be made during the annual election window of _____ days (at least 30 calendar days). The election window will run from _____ to _____ (insert annual time frame for the election window or multiple time periods) and will not apply retroactively.
4. **Roth Provisions.** As provided in Section 20.03, Participants are permitted to make Roth Elective Deferrals from Compensation in the amount or percentage specified in a salary reduction agreement:

☐ Yes ☐ No ("*No*" is the default provision under the Plan if no selection is made.)

VIII. EARNINGS

Earnings, as defined under Section 2.10 of the Plan, shall include:

1. Overtime

☒ Yes ☐ No

2. Bonuses

☐ Yes ☐ No

3. Other Pay (specifically describe any other types of pay to be included below)

IX. ROLLOVER PROVISIONS

1. The Employer will permit rollover contributions in accordance with Section 4.13 of the Plan:

☒ Yes ☐ No ("*Yes*" is the default provision under the Plan if no selection is made.)

2. The Plan will accept a direct rollover contribution to a Designated Roth Account as permitted in Section 20.05(b) (*401(k) plans with Roth feature only*):

☐ Yes ☐ No ("*Yes*" is the default provision under the Plan if no selection is made.)

3. The Plan will allow In-Plan Roth Conversions as provided in Section 20.06 (*401(k) plans with Roth feature only*):

☐ Yes ☐ No ("*Yes*" is the default provision under the Plan if no selection is made.)

4. Direct rollovers by non-spouse beneficiaries are effective for distributions after 2006 unless the Plan delayed making them available. If the Plan delayed making such rollovers available, check the box below and indicate the later effective date in the space provided.

☐ Effective Date is _____.

(Note: Plans must offer direct rollovers by non-spouse beneficiaries no later than plan years beginning after December 31, 2009.)

X. LIMITATION ON ALLOCATIONS

If the Employer maintains or ever maintained another qualified plan in which any Participant in this Plan is (or was) a participant or could possibly become a participant, the Employer hereby agrees to limit contributions to all such plans as provided herein, if necessary in order to avoid excess contributions (as described in Section 5.04 of the Plan).

1. If the Participant is covered under another qualified defined contribution plan maintained by the Employer, the provisions of Section 5.04(a) through (e) of the Plan will apply, unless another method has been indicated below.

☐ Other Method. (Provide the method under which the plans will limit total Annual Additions to the Maximum Permissible Amount, and will properly reduce any excess amounts, in a manner that precludes Employer discretion.)

2. The Limitation Year is the following 12 consecutive month period:

3. Unless the Employer elects a delayed effective date below, Article 5 of the Plan will apply to limitations years beginning on or after July 1, 2007.

(The effective date listed cannot be later than 90 days after the close of the first regular legislative session of the legislative body with authority to amend the plan that begins on or after July 1, 2007.)

XI. VESTING PROVISIONS

The Employer hereby specifies the following vesting schedule, subject to (1) the minimum vesting requirements and (2) the concurrence of the Plan Administrator. *(For the blanks below, enter the applicable percent – from 0 to 100 (with no entry after the year in which 100% is entered), in ascending order.)*

<u>Period of Service Completed</u>	<u>Percent Vested</u>
Zero	0 _____ %
One	0 _____ %
Two	0 _____ %
Three	0 _____ %
Four	0 _____ %
Five	100 _____ %
Six	100 _____ %
Seven	100 _____ %
Eight	100 _____ %
Nine	100 _____ %
Ten	100 _____ %

XII. WITHDRAWALS AND LOANS

1. Qualified reservist distributions are available under the plan (*401(k) plans only*):
☐ Yes ☐ No ("*Yes*" is the default provision under the Plan if no selection is made.)
2. In-service distributions are permitted under the Plan, as provided in Section 9.08, after a participant attains age (*select one of the below options*):
☐ 59 ½
☒ 70½ ("*70½*" is the default provision under the Plan if no selection is made.)
☐ Not permitted at any age
3. A Participant shall be deemed to have a severance from employment solely for purposes of eligibility to receive distributions from the Plan during any period the individual is performing service in the uniformed services for more than 30 days:
☒ Yes ☐ No ("*Yes*" is the default provision under the Plan if no selection is made.)
4. Tax-free distributions of up to \$3,000 for the direct payment of qualifying insurance premiums for eligible retired public safety officers are available under the Plan.
☒ Yes ☐ No ("*No*" is the default provision under the Plan if no selection is made.)
5. In-service distributions of the Rollover Account are permitted under the Plan as provided in Section 9.09
☒ Yes ☐ No ("*No*" is the default provision under the Plan if no selection is made.)
6. The Plan will provide the following with respect to loans:
 - a. Loans are permitted under the Plan, as provided in Article XIII of the Plan:
☐ Yes ☒ No ("*No*" is the default provision under the Plan if no selection is made.)
 - b. Designated Roth Accounts will be available as a source for loans under the Plan (*401(k) plans with Roth feature only*):
☐ Yes ☐ No ("*No*" is the default provision under the Plan if no selection is made.)
7. (*401(k) plans only*) Hardship withdrawals are permitted under the Plan as provided in Section 9.07 but only if specifically elected by the Employer.
☐ Yes ☐ No ("*No*" is the default provision under the Plan if no selection is made.)

If selected, hardship distributions will be available for the following accounts:

 - a. Employer Contribution Account (Nonforfeitable Interest):
☐ Yes ☐ No ("*No*" is the default provision under the Plan if no selection is made.)
 - b. Participant Elective Deferral Account (not including earnings thereon accrued after December 31, 1988):
☐ Yes ☐ No ("*Yes*" is the default provision under the Plan if no selection is made.)

- c. The determination of any deemed immediate and heavy financial need will be expanded to include any immediate and heavy financial need of the Participant's Primary Beneficiary, as provided in Section 9.07(b)(3):

☐ Yes

☐ No ("Yes" is the default provision under the Plan if no selection is made.)

XIII. SPOUSAL PROTECTION

The Plan will provide the following level of spousal protection (select one):

- ☐ 1. Participant Directed Election. The normal form of payment of benefits under the Plan is a lump sum. The Participant can name any person(s) as the Beneficiary of the Plan, with no spousal consent required.
- ☒ 2. Beneficiary Spousal Consent Election (Article XII). The normal form of payment of benefits under the Plan is a lump sum. Upon death, the surviving spouse is the Beneficiary, unless he or she consents to the Participant's naming another Beneficiary. (*"Beneficiary Spousal Consent Election" is the default provision under the Plan if no selection is made.*)
- ☐ 3. QJSA Election (Article XVII). The normal form of payment of benefits under the Plan is a 50% qualified joint and survivor annuity with the spouse (or life annuity, if single). In the event of the Participant's death prior to commencing payments, the spouse will receive an annuity for his or her lifetime. (If C is selected, the spousal consent requirements in Article XII also will apply.)

XIV. FINAL PAY CONTRIBUTIONS

The Plan will provide for Final Pay Contributions if either 1 or 2 below is selected.

The following group of Employees shall be eligible for Final Pay Contributions:

☐ All Eligible Employees

☐ Other: _____

Final Pay shall be defined as (select one):

- ☐ A. Accrued unpaid vacation
- ☐ B. Accrued unpaid sick leave
- ☐ C. Accrued unpaid vacation and sick leave
- ☐ D. Other (*insert definition of Final Pay – must be leave that Employee would have been able to use if employment had continued and must be bona fide vacation and/or sick leave*):

- ☐ 1. **Employer Final Pay Contribution.** The Employer shall contribute on behalf of each Participant _____ % of Final Pay to the Plan (subject to the limitations of Article V of the Plan).
- ☐ 2. **Employee Designated Final Pay Contribution.** Each Employee eligible to participate in the Plan shall be given the opportunity at enrollment to irrevocably elect to contribute _____ % (insert fixed percentage of final pay to be contributed) or up to _____ % (insert maximum percentage of final pay to be contributed) of Final Pay to the Plan (subject to the limitations of Article V of the Plan).

Once elected, an Employee's election shall remain in force and may not be revised or revoked.

XV. ACCRUED LEAVE CONTRIBUTIONS

The Plan will provide for accrued unpaid leave contributions annually if either 1 or 2 is selected below.

The following group of Employees shall be eligible for Accrued Leave Contributions:

- ☐ All Eligible Employees
- ☐ Other: _____

Accrued Leave shall be defined as (select one):

- ☐ A. Accrued unpaid vacation
- ☐ B. Accrued unpaid sick leave
- ☐ C. Accrued unpaid vacation and sick leave
- ☐ D. Other (*insert definition of accrued leave that is bona fide vacation and/or sick leave*):

- ☐ 1. **Employer Accrued Leave Contribution.** The Employer shall contribute as follows (choose one of the following options):

- ☐ For each Plan Year, the Employer shall contribute on behalf of each Eligible Participant the unused Accrued Leave in excess of ____ (insert number of hours/days/weeks (circle one)) to the Plan (subject to the limitations of Article V of the Plan).
- ☐ For each Plan Year, the Employer shall contribute on behalf of each Eligible Participant _____ % of unused Accrued Leave to the Plan (subject to the limitations of Article V of the Plan).

- ☐ 2. **Employee Designated Accrued Leave Contribution.**

Each eligible Participant shall be given the opportunity at enrollment to irrevocably elect to contribute _____ % (insert fixed percentage of accrued unpaid leave to be contributed) or up to _____ % (insert maximum percentage of accrued unpaid leave to be contributed) of Accrued Leave to the Plan (subject to the limitations of Article V of the Plan).

Once elected, an Employee's election shall remain in force and may not be revised or revoked.

- XVI. The Employer hereby attests that it is a unit of state or local government or an agency or instrumentality of one or more units of state or local government.

- XVII. The Employer understands that this Adoption Agreement is to be used with only the ICMA Retirement Corporation Governmental Profit Sharing Plan and Trust. This ICMA Retirement Corporation Governmental Profit Sharing Plan and Trust is a restatement of a previous plan, which was submitted to the Internal Revenue Service for approval on April 2, 2012, and received approval on March 31, 2014.

The Plan Administrator hereby agrees to inform the Employer of any amendments to the Plan made pursuant to Section 14.05 of the Plan or of the discontinuance or abandonment of the Plan. The Employer understands that an amendment(s) made pursuant to Section 14.05 of the Plan will become effective within 30 days of notice of the amendment(s) unless the Employer notifies the Plan Administrator, in writing, that it disapproves of the amendment(s). If the Employer so disapproves, the Plan Administrator will be under no obligation to act as Administrator under the Plan.

XVIII. The Employer hereby appoints the ICMA Retirement Corporation as the Plan Administrator pursuant to the terms and conditions of the ICMA RETIREMENT CORPORATION GOVERNMENTAL PROFIT SHARING PLAN & TRUST.

The Employer hereby agrees to the provisions of the Plan and Trust.

XIX. The Employer hereby acknowledges it understands that failure to properly fill out this Adoption Agreement may result in disqualification of the Plan.

XX. An adopting Employer may rely on an advisory letter issued by the Internal Revenue Service as evidence that the Plan is qualified under section 401 of the Internal Revenue Code to the extent provided in applicable IRS revenue procedures and other official guidance.

In Witness Whereof, the Employer hereby causes this Agreement to be executed on this _____ day of _____, 20_____.

EMPLOYER

ICMA RETIREMENT CORPORATION
777 North Capitol St., NE Suite 600
Washington, DC 20002
800-326-7272

By: _____

By: _____

Print Name: _____

Print Name: _____

Title: _____

Title: _____

Attest: _____

Attest: _____

**ICMA RETIREMENT CORPORATION
GOVERNMENTAL PROFIT SHARING PLAN & TRUST
ADOPTION AGREEMENT
ATTACHMENT #01**

Plan Name: City of Franklin

Plan Number: 109793

VI. Contributions Provisions:

The employer shall contribute to this 401a Profit Sharing Plan on behalf of each Participant 100% of the contributions made by the Participant into the *457(b) Deferred Compensation Plan* for the plan year. This does not include Participant contributions exceeding 2% of gross salary. Employer contributions made on behalf of the Participants for the plan year shall not exceed 2% of gross salary.

[Bi-weekly match]

Participant contribution election options shall be in whole percentages as follows :

- 0%
- 1%
- 2%

City of Franklin Pension Program and Proposal for New Defined Contribution Plan

August 28, 2018

Background of Existing Pension Plans

- Most active full time employees hired on or before December 31, 2016 are participants in the now closed single employer City of Franklin Defined Benefit (“DB”) Plan.
- Full time employees hired on or after January 1, 2017 are members in the multiple employer Tennessee Consolidated Retirement System (“TCRS”) Legacy DB Plan.
- As of August 2018, below are the number of full time employees enrolled in the retirement plans:
 - Closed City of Franklin DB Plan- 502
 - Closed City of Franklin Defined Contribution (“DC”)Plan w/Employer Match- 101
 - TCRS DB Plan- 99

Comparison of Defined Benefit Pension Plans

	Closed City of Franklin Plan (Before 12/31/2016)	TCRS Legacy (Since 1/1/17)
Full Retirement Age	65	60
Service Years for Full Retirement	25	30
Multiplier at Full Retirement	2.0%	1.575% (1.5% plus 5% one time benefit increase upon retirement)
Employee Contribution as % of Salary	5% w/ Hire Date beg 2010	5%
Annual Benefit for Retiree with 30 years of service with Average Final Compensation ("AFC") of \$50,000	\$30,000 (60% of AFC)	\$23,625 (47.25% of AFC)

Purposes of a Voluntary DC Employer Match Plan for TCRS Employees

- Recognizes that employees participating in the closed COF Plan have higher guaranteed defined benefits than those employees who are TCRS members.
- Encourages employees to save for retirement early in their career by providing a match of employer funds beginning at the 2nd year anniversary of service. Employer funds would only be allocated to employees who deposit their own funds into the qualified retirement plan.
- The maximum annual cost to the City from a DC program is an easier number to project, unlike a defined benefit plan which is subject to actuarial assumptions and future investment performance of the plan's assets. In actuality, the average annual cost to the City will be less than the maximum possible cost since not all eligible employees will participate at the full benefit level.

Comparison of Defined Contribution Plans

	Current Brentwood DC Plan	Proposed Brentwood DC Plan	Proposed Franklin DC Plan
Employee Eligibility	Employees Hired through 12/31/2018	Employees Hired Beginning 1/1/2019	Employees Hired Beginning 1/1/2017
Employer Contribution as % of Salary	Up to 3% Match of Employee Contribution	Up to 2% Match of Employee Contribution	Up to 2% Match of Employee Contribution
Employee Contribution as % of Salary	Up to 3%- voluntary contribution of Salary	Up to 2%- voluntary contribution of Salary	Up to 2%- voluntary contribution of Salary
Effective Date of Employer Contribution	2 nd anniversary of hire	2 nd anniversary of hire	2 nd anniversary of hire

22 Aug 2018

Brad Wilson | Facilities Project Manager
City of Franklin | City Hall
Franklin, Tennessee 37064

Professional Services Agreement

City of Franklin City Hall Programming Report

We appreciate the opportunity to provide this proposal and are looking forward to working with you to provide this report which will project the spaces and departmental relationships for a new City Hall.

Consultant Team:

Architectural - James Kennon - AW
Programming – Jim McClaren – MWL
Economics Analysis - Randall Gross – RG/DE

SCOPE OF SERVICES:

We, along with our proposed project team of consultants, have developed the project scope of services as outlined in the attached exhibits.

FEES

Our fee for the above services is outlined on the attached sheet totally \$137,800 for proposed design services, excluding any reimbursable expenses.

SCHEDULE

Due dates to be developed after approval of phases

We appreciate the opportunity to provide you with this proposal. If all of this is satisfactory with you, please sign and return this form authorizing the Workshop to proceed with the design services as described.

Sincerely,

James Kennon
the architect **WORKSHOP**

22 Aug 2018
Date

Brad Wilson, City of Franklin Facilities Project Manager

Date

ATTACHMENTS

Terms and Conditions of Agreement
Exhibit A Professional Services Fees and Scope of Services

Terms and Conditions of Agreement

The following describe the terms and conditions of the professional services agreement between the architect **WORKSHOP**, pllc [the Architect] and **City of Franklin** [the Client] for the professional services as related to the scope of services described in the agreement to which these terms are attached.

ARCHITECT'S RESPONSIBILITIES:

The Architect shall provide the professional services as set forth in this agreement. The Architect shall perform services consistent with the professional skill and care ordinarily provided by architects practicing in the same or similar locality under the same or similar circumstances. The Architect shall perform its services as expeditiously as is consistent with such professional skill and care and the orderly progress of the Project. The Architect makes no other representations or warranties, whether expressed or implied, with respect to the services rendered hereunder. The Architect shall not be responsible for the Client's directives, or substitution, or Client's acceptance of non-conforming work, made without the Architect's acceptance.

CLIENT'S RESPONSIBILITIES:

The Client shall coordinate the services of their own consultants with those service provided by the Architect. The Client shall require that the consultants, retained by the Client maintain professional liability insurance as appropriate to the services provided. The Client shall furnish tests, inspections and reports required by law or the authorities having jurisdiction over the project. The Client shall maintain commercial general liability insurance and include the Architect as additional insured for claims caused in whole or in part by the Client's negligent acts or omissions during the course of the Project. The Client shall be solely responsible for the management and coordination of the construction of the project, and shall indemnify the Architect and its employees harmless from and against damages, losses and judgements arising from claims by third parties, including attorneys' fees and expenses recoverable under applicable law, but only to the extent they are not directly caused by the Architect's gross negligence or willful misconduct.

ACCESS TO THE SITE:

Unless otherwise stated, the Architect will have access to the site for activities necessary for the performance of the services. The Client understands that, the Architect is not responsible, in any way, for the means, methods, sequence, procedures, techniques, scheduling of construction, or jobsite safety, and will not be responsible for any losses or injuries that occur at the Project site, during construction. The Architect is responsible for the safe conduct of their employees while on Client's property. The Architect and its sub-consultants shall comply with Client's requirements for advance notice of invasive testing.

BILLINGS AND PAYMENTS:

The Architect's professional services invoices for services shall be submitted, on at least a monthly basis. Invoices are due when rendered and shall be considered past due if not paid within Thirty (30) days after issue date. If the invoice is not paid within thirty (30) days, the Architect may, without waiving claim or right against Client, and without liability whatsoever to the Client, terminate the performance of services.

Unpaid accounts may be subject to a monthly service charge of 1.5% of the unpaid balance (18.0% true annual rate), at the sole discretion of the Architect. In the event the account or any portion thereof remains unpaid sixty (60) days after billing, the Client shall pay all costs of collection, including reasonable attorney's fees.

REIMBURSABLE EXPENSES:

Reimbursable Expenses are in addition to compensation for professional services, and include, but not limited to, expense of transportation, greater than 50 miles from the Architect's office, in connection with the project; expenses in connection with authorized out-of-town travel; long-distance communications; and fees paid for securing approval of authorities having jurisdiction over the project; expenses of reproduction of drawings, and specifications, and other documents; expenses for postage, and handling of drawings in connection with the project. These reimbursable expenses shall be billed as a multiple of 1.1 times the cost incurred by the Architect.

INSURANCE:

The Architect shall secure and endeavor to maintain insurance as identified below as related to the performance of professional services under this agreement. The Architect shall provide certificates and appropriate endorsements upon execution of this agreement, and require the minimum insurance coverage listed below of any sub-consultants. General liability and Automobile Liability Insurance minimum coverage amounts of \$1,000,000 each occurrence and general aggregate. Client will be named an additional insured on these policies with respect to this work. Professional Liability Insurance with minimum limits of \$1,000,000 per claim and \$1,000,000 annual aggregate. Statutory workers' compensation insurance, including employer's liability coverage with minimum limits of \$1,000,000 when legally required of the Architect or its sub-consultants. Neither the Architect, the Architect's consultants, nor their agents or employees shall be jointly, severally or individually liable to the Client, or Client's consultants, Client's Contractors, Staff or Agents in excess of \$10,000, by reason of any act or omission, including breach of contract or negligence not amounting to willful misconduct.

TERMINATION OF SERVICES:

This agreement may be terminated by the Client or the Architect upon not less than seven days' written notice should the other party fail substantially to perform in accordance with the terms of this agreement through no fault of the party initiating the termination. In the event of termination not the fault of, the Architect, the Client shall compensate, the Architect for services performed prior to termination, together with the Architect's reimbursable expenses.

DISPUTE RESOLUTION:

All claims, counterclaims, disputes and other matters in question between the parties hereto arising out of or relating to this Agreement or breach thereof shall be presented to non-binding mediation, in accordance with the Construction Industry Mediation Procedures. If the parties do not resolve a dispute through mediation, the dispute shall be resolved in a court of competent jurisdiction.

It is intended by the parties to this Agreement that the Architect's services in connection with the Project shall not subject the Architect's individual employees, officers or directors to any personal legal exposure for the risks associated with this Project. Therefore, and notwithstanding anything to the contrary contained herein, Client agrees that as Client's sole and exclusive remedy, any claim, demand or suit shall be directed and/or asserted only against The Architect, a professional limited liability corporation, and not against any of The Architect's individual employees, officers or directors.

RISK ALLOCATION:

In recognition of the relative risks, rewards and benefits of the project to both the Client and the Architect, the risks have been allocated such that the Client agrees, to the fullest extent permitted by law, to limit any and all liability or claim for damages, cost of defense, or expenses to be levied against the Architect, as well as its principal's, employees, and consultants to a sum not to exceed \$150,000 on account of any design defect, error, omission, or professional negligence. Further, the Client agrees to require any Contractor or Subcontractor who may perform work on the project, as a condition precedent to their performing the work, and the Owner, to agree to a like limitation of liability on their part against the Architect. In the event the Client fails to obtain a like limitation of liability provision as to design defects, errors, omissions, or professional negligence, any liability of the Architect to the Owner or such Contractor or Subcontractor arising out of a design defect, error, omission, or professional negligence shall be allocated between the Client and the Architect in such a manner that the aggregate liability of the Architect for such defect to all parties, including you, shall not exceed One Hundred Fifty Thousand Dollars (\$150,000). In addition, Client agrees, to the fullest extent permitted by law, to indemnify and hold the Architect harmless from any loss, claim or cost, including reasonable attorney's fees and costs of defense, arising or resulting from the performance of such services by other persons or entities and from any and all claims arising from modifications, clarifications, interpretations, adjustments or changes made to the contract documents to reflect changed field or other conditions, except for claims arising from the sole negligence or willful misconduct of the Architect.

APPLICABLE LAW:

Unless otherwise provided, this agreement shall be governed by the law of the laws of the State of Tennessee. If any term or provision of this Agreement is held to be invalid or unenforceable under any applicable statute or rule of law, such holding shall be applied only to the provision so held, and the remainder of this Agreement shall remain in full force and effect.

OWNERSHIP OF DOCUMENTS:

The Owner acknowledges the Architect's documents, including electronic files, as the work papers of the Architect and the Architect's instruments of professional service. Nevertheless, the final documents prepared and delivered to the Owner under this Agreement shall become the property of the Owner upon completion of the services and payment in full of all monies due to the Architect. The Owner agrees, to the fullest extent permitted by law, to defend, indemnify and hold harmless the Architect, its officers, directors, employees and sub-consultants (collectively, Architect) against any damages, liabilities or costs, including reasonable attorneys' fees and defense costs, arising from or allegedly arising from or in any way connected with the unauthorized reuse or modification of the documents by the Owner or any person or entity that acquires or obtains the documents from or through the Owner. Transfer of the electronic files to the Owner, shall not limit the Architect's rights to use the documents in the marketing, business development or in any other manner.

Under no circumstances shall the transfer of ownership of the Architect's drawings, specifications, electronic files or other instruments of service be deemed a sale by the Architect, and the Architect makes no warranties, either express or implied, of merchantability and fitness for any particular purpose, nor shall such transfer be construed or regarded as any waiver or other relinquishment of the Architect's rights in any of the foregoing, as described by in section 102 of the 1990 Architectural Works Copyright Protection Act, absent the Architect's express prior written consent.

An original design of a building created in any tangible medium of expression, including a constructed building or architectural plans, models, or drawings, is subject to copyright protection as an "architectural work" under section 102 of the Copyright Act (title 17 of the United States Code), as amended on December 1, 1990. Protection extends to the overall form as well as the arrangement and composition of spaces and elements in the design but does not include individual standard features or design elements that are functionally required.

PUBLICATION RECOGNITION:

The Client agrees to display during the construction period, temporary signage, as allowed by regulations of the municipality, noting the architect **Workshop** as the Architect for the work. The Client agrees to credit the Architect for design in all subsequent marketing publications, websites, etc. to the best of their ability.

Exhibit A**Professional Services Fees and Scope of Services
City of Franklin City Hall Programming Report**

phases	Professional Team Members			Totals	% of fee
	AW	MWL	RG/DE		
data gathering deliverable - questionnaires, space standards, meetings and notes and demand driven space analysis meetings - kick off - webbased - onsite interviews multi-day tasks - prepare questionnaires, suggested office space standards, assemble background information provided by City and RG/DE	\$ 10,150 AW and MWL on-site for interviews	\$ 24,500 MWL lead majority of document preparations	\$ 5,900 Assess demographic, real estate, and employment trends and growth projections	\$ 40,550	29%
public input meeting with limited group of local stakeholders to allow design team to have perspective of city hall direct neighbors insights and concerns which could impact the space needs analysis - meeting to occur during onsite workshop for user groups of city hall - summary notes	see above	see above	see above Evaluate the potential for white box and/or rental space and uses for agencies and non-government		
analysis includes, team and client meetings - kick off meeting, interim report on findings, final presentation of findings and recommendations, Existing conditions assessments, Demand Driven Space Requirements - (mesh with MWL data gathering) External use and Income Generating Opportunities, ROI analysis, Recommendations	see below	see below	see below RG/DE lead economic analysis and report		
data synthesis deliverable 3-4 page spreadsheet summarizing findings of data gathering and public forum	\$ 2,650 AW - onsite presentation	\$ 10,950 MWL - tel-con	\$ 8,000 demand driven space analysis RG/DE on site	\$ 21,600	16%
the game plan Summary of findings of MWL, RG/DE and team in written and visual presentation deliverables written report, stacking diagram of overall site multi-page document - space needs, methodology, trends influences, designer guidelines, illustrated space standards, square footage spreadsheets, adjacency diagrams, growth milestones, demographic factors, technology needs	\$ 28,800 AW visual and synthesis of MWL findings	\$ 43,800 MWL - written documentation and includes on onsite presentation	\$ 3,050 RGE - review of findings for alignment with research findings	\$ 75,650	55%
total of fees	\$41,600	\$79,250	\$16,950	\$137,800	100%

assumptions

1. Assumption that on-site public workshops are deferred until schematic design phase of project
2. Assumption that game plan presentation is a single presentation by AW and MWL, any additional presentations would be conducted by AW. If MWL participation is required it would be an extra services with T&M fee.
3. **Long term demographic and external / economic forces evaluation** is RG/DE scope of services
MWL will project staffing needs based on growth projections furnished by RG/DE research

deliverables

1. Space needs will Utilize staffing projections (developed by RG/DE) and identify number of, and size of, rooms including offices and workstations (without drilling down into specifics of office equipment, files etc.)
2. bulk adjacency diagrams showing relationships of major spaces and departments to each other to accommodate desired relationships for work flow and
3. develop initial basic stacking plans based on space needs assessment for office and parking needs.
4. space needs based on space standards (space standards to be based on discussion with the City about space standards establishing roles and positions criteria for types of works space (who gets private offices, vs open offices, vs shared offices and open shared spaces)

exclusions

1. Preparation of detailed room data sheets (specifics of office equipment, files, etc.)
2. Preparation of highly detailed spreadsheets (won't say how many file cabinets etc.)
3. Prepare building and/or site concept plans, beyond the initial stacking concepts to validate space needs will "fit" on existing site
4. MWL budget for travel and hotel reimbursables - \$6,000 excluded from above fees

**CITY OF FRANKLIN, TENNESSEE
PROFESSIONAL SERVICES AGREEMENT
COF Project Number 2018-010
COF Contract Number 2018-0154**

THIS PROFESSIONAL SERVICES AGREEMENT (“Agreement”) is by and between the City of Franklin, Tennessee, hereinafter referenced as City, and **The Architect Workshop, PLLC**, hereinafter referenced as Consultant, who mutually agrees as follows:

DECLARATIONS. City desires to retain Consultant to provide architectural, related technical, and other services in connection with City’s project hereinafter referenced as Project. The Project is described as follows:

CITY OF FRANKLIN NEEDS ASSESSMENT

1. **SCOPE OF SERVICES.** Consultant shall provide architectural and related technical services for the Project in accordance with the SCOPE OF SERVICES as found in Attachment A which shall be considered as an integral part hereof.
2. Consultant shall submit as a part of Attachment A an individual Fee Schedule and a Completion Schedule for the Project based on the detailed Scope of Services.
3. In the event of a conflict between this Agreement and the attached document(s), this Agreement shall supersede conflicting terms and conditions.
4. Consultant shall be paid on a monthly basis for work performed based on the Fee Schedule as contained in Attachment A in the Not-to-Exceed Amount of **One Hundred Forty-Six Thousand Eight Hundred Sixty-Eight and No/100 Dollars (\$146,868.00)**.

The Board of Mayor and Aldermen Approved this Agreement on the _____ Day of _____ 2018

TERMS AND CONDITIONS FOR PROFESSIONAL SERVICES

ARTICLE 1. SERVICES. Consultant will:

- 1.1 Act for City in a professional manner, using that degree of care and skill ordinarily exercised by and consistent with standards of competent consultants using the standards in the industry.
- 1.2 Consider all reports to be confidential and distribute copies of the same only to those persons specifically designated by the City.
- 1.3 Perform all services under the general direction of a senior professional employee, licensed and/or registered in the State of Tennessee, when appropriate.
- 1.4 Retain pertinent records relating to the services performed for a period of seven (7) years following the completion of the work; during this period the records shall be available for review by City at all reasonable times.

ARTICLE 2. CITY'S RESPONSIBILITIES. City, or its authorized representative, will:

- 2.1 Provide Consultant with all information regarding the Project, which is available to, or reasonably obtainable by, the City.
- 2.2 Furnish right-of-entry onto the Project site for Consultant's necessary field studies and surveys. Consultant will endeavor to restore the site to its original condition and shall remain solely liable for all damages, costs and expenses, including reasonable attorneys' fees, for failure to make such restoration.
- 2.3 Designate, in writing, the sole Project representative to coordinate with and direct the Consultant, including all contact information.
- 2.4 Guarantee to Consultant that it has the legal capacity to enter into this contract and that sufficient monies are available to fund Consultant's compensation.

ARTICLE 3. GENERAL CONDITIONS.

- 3.1 Consultant, by the performance of services covered hereunder, does not in any way assume, abridge or abrogate any of those duties, responsibilities or authorities customarily vested in other professionals or agencies participating in the Project.
- 3.2 Consultant shall be responsible for the acts or omissions of any party involved in concurrent or subsequent phases of the PROJECT acting upon written instruction issued by the Consultant.
- 3.3 Neither City nor Consultant may assign or transfer its duties or interest in this Agreement without written consent of the other party. However, nothing in this Article shall prevent Consultant from engaging

independent consultants, associates, and subcontractors to assist in the performance of the Services at Consultant's cost.

- 3.4 **ALLOCATION OF RISK AND LIABILITY; GENERAL.** Considering the potential liabilities that may exist during the performance of the services of this Agreement, the relative benefits and risks of the Project, and the Consultant's fee for the services rendered, and in consideration of the promises contained in this Agreement, the City and the Consultant agree to allocate and limit such liabilities in accordance with this paragraph.
- 3.5 **INDEMNIFICATION.** Consultant agrees to indemnify and hold City harmless from and against legal liability for all judgments, losses, damages, and expenses to the extent such judgments, losses, damages, or expenses are caused by Consultant's negligent act, error or omission in the performance of the services of this Agreement. In the event judgments, losses, damages, or expenses are caused by the joint or concurrent negligence of Consultant and City, they shall be borne by each party in proportion to its own negligence.
- 3.5.1 **SURVIVAL.** The terms and conditions of this paragraph shall survive completion of this services agreement.
- 3.6 **LIMITATIONS OF RESPONSIBILITY.** Consultant shall not be responsible for (a) construction means, methods, techniques, sequences, procedures, or safety precautions and programs in connection with the Project unless specifically undertaken in Attachment A, **SCOPE OF SERVICES**; (b) the failure of any contractor, subcontractor, Consultant, or other Project participant, not under contract to Consultant, to fulfill contractual responsibilities to City or to comply with federal, state, or local laws, regulations, and codes; or (c) procuring permits, certificates, and licenses required for any construction unless such procurement responsibilities are specifically assigned to Consultant in Attachment A, **SCOPE OF SERVICES**.

ARTICLE 4. TERMINATION BY THE CITY. The City may terminate this Agreement in accordance with the following terms and conditions:

- 4.1 **Termination for Convenience.** The City may, when in the interests of the City, terminate performance under this Agreement with the Consultant, in whole or in part, for the convenience of the City. The City shall give written notice of such termination to the Consultant specifying when termination becomes effective. The Consultant shall incur no further obligations in connection with the work so terminated, other than warranties and guarantees for completed work and installed equipment, and the Consultant shall stop work when such termination becomes effective. The Consultant shall also terminate outstanding orders and subcontracts for the affected work. The Consultant shall settle the liabilities and claims arising out of the termination of subcontracts and

orders. The City may direct the Consultant to assign the Consultant's right, title and interest under termination orders or subcontracts to the City or its designee. The Consultant shall transfer title and deliver to the City such completed or partially completed work and materials, equipment, parts, fixtures, information and Contract rights as the Consultant has in its possession or control. When terminated for convenience, the Consultant shall be compensated as follows:

- (1) The Consultant shall submit a termination claim to the City specifying the amounts due because of the termination for convenience together with costs, pricing or other data required by the City. If the Consultant fails to file a termination claim within one (1) year from the effective date of termination, the City shall pay the Consultant the amount the City deems the Consultant is due.
- (2) The City and the Consultant may agree to the compensation, if any, due to the Consultant hereunder.
- (3) Absent agreement to the amount due to the Consultant, the City shall pay the Consultant the following amounts:
 - (a) Contract costs for labor, materials, equipment and other services accepted under this Agreement;
 - (b) Reasonable costs incurred in preparing to perform and in performing the terminated portion of the work, and in terminating the Consultant's performance, plus a fair and reasonable allowance for direct job site overhead and earned profit thereon (such profit shall not include anticipated profit or consequential damages); provided however, that if it reasonably appears that the Consultant would have not profited or would have sustained a loss if the entire Agreement would have been completed, no profit shall be allowed or included and the amount of compensation shall be reduced to reflect the anticipated rate of loss, if any;

The total sum to be paid the Consultant under this Section shall not exceed the total Agreement Price, as properly adjusted, reduced by the amount of payments otherwise made, and shall in no event include duplication of payment.

- 4.2 Termination for Cause. If the Consultant does not perform the work, or any part thereof, in a timely manner, supply adequate labor, supervisory personnel or proper equipment or materials, or if it fails to timely discharge its obligations for labor, equipment and materials, or proceeds to disobey applicable law, or otherwise commits a violation of a material provision of this Agreement, then the City, in addition to any other rights it may have against the Consultant or others, may terminate the

performance of the Consultant, in whole or in part at the City's sole option, and assume possession of the Project Plans and materials and may complete the work.

In such case, the Consultant shall not be paid further until the work is complete. After Completion has been achieved, if any portion of the Contract Price, as it may be modified hereunder, remains after the cost to the City of completing the work, including all costs and expenses of every nature incurred, has been deducted by the City, such remainder shall belong to the Consultant. Otherwise, the Consultant shall pay and make whole the City for such cost. This obligation for payment shall survive the termination of the Agreement.

In the event the employment of the Consultant is terminated by the City for cause pursuant to this Section and it is subsequently determined by a Court of competent jurisdiction that such termination was without cause, such termination shall thereupon be deemed a Termination for Convenience under this Section and the provisions of Section 4.1 shall apply.

- 4.3 Termination for Non-Appropriation. The City may also terminate this Agreement, in whole or in part, for non-appropriation of sufficient funds to complete or partially complete the Project, regardless of the source of such funds, and such termination shall be on the terms of Section 4.1.
- 4.4 The City's rights under this Section shall be in addition to those contained elsewhere herein or provided by law.

ARTICLE 5. SCOPE OF SERVICES. Consultant shall provide the Services as described in Attachment A, SCOPE OF SERVICES.

- 5.1 By mutual agreement, this contract and scope can be amended by the parties. The scope and fee for any additional tasks or services under such amendment shall be mutually negotiated and agreed to in writing prior to beginning such additional tasks or services.

5.2 ENVIRONMENTAL RESPONSIBILITY.

Where drilling/sampling services are involved, the samples obtained from the Project site are the property of the City. Should any of these samples be recognized by the Consultant to be contaminated, the City shall remove them from the Consultant's custody and transport them to a disposal site, all in accordance with applicable government statutes, ordinances, and regulations. For all other samples, the Consultant shall retain them for a sixty (60)-day period following the submission of the drilling/sampling report unless the City directs otherwise; thereafter, the Consultant shall discard the samples in accordance with all federal, state and local laws.

ARTICLE 6. SCHEDULE.

- 6.1 **TIME OF THE ESSENCE.** The parties agree that TIME IS OF THE ESSENCE with respect to the parties' performance of all provisions of the Agreement.
- 6.2 **FORCE MAJEURE.** Neither party will be liable to the other for any delay or failure to perform any of the services or obligations set forth in this Agreement due to causes beyond its reasonable control, and performance times will be considered extended for a period of time equivalent to the time lost because of such delay plus a reasonable period of time to allow the parties to recommence performance of their respective obligations hereunder. Should a circumstance of force majeure last more than ninety (90) days, either party may by written notice to the other terminate this Agreement. The term "force majeure" as used herein shall mean the following: acts of God; strikes, lockouts or other industrial disturbances; acts of public enemies; orders or restraints of any kind of the government of the United States or of the State or any of their departments, agencies or officials, or any civil or military authority; insurrections, riots, landslides, earthquakes, fires, storms, tornadoes, droughts, floods, explosions, breakage or accident to machinery, transmission pipes or canals; or any other cause or event not reasonably within the control of either party.
- 6.3 Should City request changes in the scope, extent, or character of the Project, the time of performance of Consultant's services as indicated in Attachment A shall be adjusted equitably.

ARTICLE 7. USE OF DOCUMENTS, DATA.

- 7.1 All Documents, including, but not limited to, reports, drawings, specifications, and computer software prepared by Consultant pursuant to this Agreement are instruments of service in respect to the Project. Consultant shall retain an ownership and property interest therein (including the right of reuse at the discretion of the Consultant) whether or not the Project is completed.
- 7.1.1 **USE OF DATA SYSTEMS:** Ownership, property interests and proprietary rights in data systems used by Consultant do not extend to the data created by or supplied to Consultant by the City; all rights to that data (including derivative or hidden data such as metadata) shall vest solely in City at the moment of creation.
- 7.1.2 **DISCLOSURE OF DOCUMENTS/DATA.** City may be required to disclose documents or data under state or federal law. City shall notify Consultant if a request for data or documents has been made and shall give Consultant a reasonable opportunity under the circumstances to respond to the request by redacting proprietary or other confidential information. Consultant waives

any right to confidentiality of any document, e-mail or file it fails to clearly mark on each page as confidential or proprietary. In exchange, Consultant agrees to indemnify, defend, and hold harmless City for any claims by third parties relating thereto or arising out of (i) the City's failure to disclose such documents or information required to be disclosed by law, or (ii) the City's release of documents as a result of City's reliance upon Consultant representation that materials supplied by Consultant (in full or redacted form) do not contain trade secrets or proprietary information, provided that the City impleads Consultant and Consultant assumes control over that claim.

- 7.2 City-furnished data that may be relied upon by Consultant is limited to the printed copies that are delivered to the Consultant pursuant to Article 2 of this Agreement. Any copyrighted electronic files furnished by City shall be used by Consultant only for the Project as described herein. City's posting or publication of such documents created by Consultant for City shall constitute fair use and shall not constitute an infringement of Consultant's copyright, if any.
- 7.3 Documents that may be relied upon by City are limited to the printed copies (also known as hard copies) that are signed or sealed by the Consultant. Files in electronic media format of text, data, graphics, or of other types that are furnished by Consultant to City are only for convenience of City, unless the delivery of the Project in electronic media format has been dictated in Attachment A, SCOPE OF SERVICES. Any conclusion or information obtained or derived from electronic files provided for convenience will be at the user's sole risk.
- 7.4 Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the party receiving electronic files agrees that it will perform acceptance tests or procedures within 60 days, after which the receiving party shall be deemed to have accepted the data thus transferred. Any errors detected within the 60-day acceptance period will be corrected by the party delivering the electronic files. Unless stated otherwise herein, Consultant shall not be responsible to maintain documents stored in electronic media format after acceptance by City.
- 7.5 When transferring documents in electronic media format, Consultant makes no representations as to long term compatibility, usability, or readability, of documents resulting from the use of software application packages, operating systems, or computer hardware differing from that as required of, and used by, Consultant at the beginning of this Project.
- 7.6 City may make and retain copies of Documents for information and reference in connection with use on the Project by the City, or its authorized representative. Such Documents are not intended or represented to be suitable for reuse by City or others on extensions of

the Project or on any other project. Any such reuse or modifications without written verification or adaptation by Consultant, as appropriate for the specific purpose intended, will be at City's sole risk and without liability or legal exposure to the Consultant or to Consultant's Consultants.

- 7.7 If there is a discrepancy between the electronic files and the hard copies, the hard copies shall govern.
- 7.8 Any verification or adaptation of the Documents for extensions of the Project or for any other project will entitle Consultant to further compensation at rates to be agreed upon by City and Consultant.

ARTICLE 8. INSURANCE.

- 8.1 During the performance of the Services under this Agreement, Consultant shall maintain the following minimum insurance:
 - a) General Liability Insurance with a combined single limit of \$1,000,000 per occurrence and \$2,000,000 annual aggregate.
 - b) Automobile Liability Insurance with a combined single limit of \$1,000,000 for each person and \$1,000,000 for each accident.
 - c) Workers' Compensation Insurance Coverage A in accordance with statutory requirements and Coverage B, Employer's Liability Insurance, with a limit of \$500,000 for each occurrence.
 - d) Professional Liability Insurance with a limit of \$1,000,000 annual aggregate.
- 8.2 Consultant shall add the City as an additional insured on all policies unless otherwise prohibited.
- 8.3 Consultant shall, upon execution of this Agreement, furnish City certificates of insurance, which shall include a provision that such insurance shall not be canceled without at least thirty (30) days' written notice to City.
- 8.4 No insurance, of whatever kind or type, is to be considered as in any way limiting other parties' responsibility for damages resulting from their activities in the execution of the Project. City agrees to include, or cause to be included, in the Project's construction contract such requirements for insurance coverage and performance bonds by the Project's construction contractor as City deems adequate to indemnify City, Consultant, and other concerned parties against claims for damages and to insure compliance of work performance and materials with Project requirements.

ARTICLE 9. PAYMENT.

- 9.1 City will pay Consultant for services and expenses in accordance with the Fee Schedule proposal submitted for the Project as part of the Scope Of Services. Consultant's invoices will be presented at the completion of the work or monthly and will be payable upon receipt. Payment is due

upon presentation of invoice and is past due thirty (30) days from invoice date. City shall give prompt written notice of any disputed amount and shall pay the remaining amount.

- 9.2 Consultant shall be paid in full for all services under this Agreement, including City-authorized overruns of the Project budget or unforeseen need for Consultant's services exceeding the original Scope Of Services.
- 9.3 TRAVEL EXPENSES. The City shall reimburse reasonable expenses, including travel and meals, when specified in the Scope Of Services, but only in accordance with the City's Travel and Expense Policy and Procedures Manual. The maximum amount will be applied as of the date of travel and as listed in the per diem reimbursement rates on the "CONUS" website developed by the United States General Services Administration, located at www.gsa.gov [click on 'per diem rates' under the 'etools' category].

ARTICLE 10. MISCELLANEOUS PROVISIONS.

- 10.1 EQUAL EMPLOYMENT OPPORTUNITY. In connection with this Agreement and the Project, the City and the Consultant shall not discriminate against any employee or applicant for employment because of race, color, sex, national origin, disability or marital status. The City and Consultant will take affirmative action to ensure that contractor used for the Project does not discriminate against any employee and employees are treated during employment without regard to their race, age, religion, color, gender, national origin, disability or marital status. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination, rates of pay or other forms of compensation; and selection for training, including apprenticeship.
- 10.1.1 The Consultant shall insert the foregoing provision in all contracts relating to this Project.
- 10.2 TITLE VI – CIVIL RIGHTS ACT OF 1964. The City and the Consultant shall comply with all the requirements imposed by Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d), 49 C.F.R., Part 21, and related statutes and regulations.
- 10.2.1 The Consultant shall insert the foregoing provision in all contracts relating to this Project.
- 10.3 NO THIRD PARTY RIGHTS CREATED. City and Consultant each binds itself and its successors, executors, administrators, permitted assigns, legal representatives and, in the case of a partnership, its partners, to the other party to this Agreement and to their successors, executors, administrators, permitted assigns, legal representatives and partners of such other party in respect to all provisions of this Agreement. The Services provided for in this Agreement are for the sole

use and benefit of City and Consultant. Nothing in this Agreement shall be construed to give any rights or benefits to anyone other than the City and the Consultant.

- 10.4 **WARRANTIES/LIMITATION OF LIABILITY/WAIVER.** The City reserves all rights afforded to local governments under law for all general and implied warranties. The City does not waive any rights it may have to all remedies provided by law and therefore any attempt by Consultant to limit its liability shall be void and unenforceable.
- 10.5 **DRUG-FREE WORKPLACE.** The Consultant, by execution of this Agreement, binds itself to maintain a drug-free workplace program that complies with T.C.A. §50-9-101 through §50-9-113 during the life of this Agreement or project.

ARTICLE 11. EXTENT OF AGREEMENT.

- 11.1 **APPLICABLE LAW/CHOICE OF FORUM AND VENUE.** This Agreement is made under and will be construed in accordance with the laws of the State of Tennessee without giving effect to that State's choice of law rules. The parties' choice of forum and venue shall be exclusively in the courts of Williamson County, Tennessee. Any provision of this Agreement held to violate a law or regulation shall be deemed void, and all remaining provisions shall continue in force.
- 11.2 **ENTIRE AGREEMENT.** This Agreement, including these terms and conditions, represent the entire Agreement between City and Consultant for this Project and supersedes all prior negotiations, representations or agreements, written or oral. This Agreement may be amended only by written instrument signed by City and Consultant.

ARTICLE 12. DISPUTE RESOLUTION, BREACH.

- 12.1 If a dispute should arise relating to the performance of or payment for the services under this Agreement, the aggrieved party shall notify the other party of the dispute within a reasonable time after such dispute arises. During the pendency of any dispute, the parties shall continue diligently to fulfill their respective obligations hereunder. No arbitration or mediation shall be required as a condition precedent to filing any legal claim arising out of or relating to the Contract. No arbitration or mediation shall be binding.
- 12.2 **BREACH.** Upon deliberate breach of the Contract by either party, the non-breaching party shall be entitled to terminate the Contract with notice, with all of the remedies it would have in the event of termination, and may also have such other remedies as it may be entitled to in law or in equity.

ARTICLE 13. SURVIVAL.

The provisions contained in this Professional Services Agreement shall survive the completion of or any termination of the Contract, agreement or other document to which it may accompany or incorporate by reference or which subsequently may be modified, unless expressly excepted from this Article upon consent of both parties.

BY: _____

Consultant's Signature

TITLE: _____

Date: _____

BY: _____

Dr. Ken Moore

Mayor

Date: _____

Approved as to Form:

Tiffani M. Pope, Staff Attorney

the architect **WORKSHOP**
architecture design planning management

Professional Services Agreement

13 June 2018

Brad Wilson | Facilities Project Manager
City of Franklin | City Hall
Franklin, Tennessee 37064
email: brad.wilson@franklin.tn.gov

Franklin Space Needs Assessment

We appreciate the opportunity to provide this proposal and are looking forward to working with you to provide the City Hall Space Needs Assessment. The Architect **WORKSHOP**, pllc (the Architect) proposes to provide the professional architectural and related engineering design services as described below.

SCOPE OF SERVICES:

We, along with our proposed project team of consultants, have developed the project scope of services as outlined in the attached exhibits.

Consultant Team:

Architectural - James Kennon - TAW
Programming - Jim McClaren - MWL
Structural - Mark Savage - EMC Structural Engineers
MPE - Tracy Worley - Edmonds Engineering
Economics Analysis - Randall Gross

FEES

Our fee for the above services are outlined on the attached sheet totally \$146,868.00 for proposed design services, excluding any hourly rates that apply.

SCHEDULE

Due dates to be developed after approval of phases.

Sincerely,



James Kennon
the architect **WORKSHOP**

13 June 2018

Date

Brad Wilson, City of Franklin Facilities Project Manager

Date

We appreciate the opportunity to provide you with this proposal. If all of this is satisfactory with you, please sign and return this form authorizing the Workshop to proceed with the design services as described.

City of Franklin City Hall Space Needs Assessment
13 June 2018

Professional Services Agreement

ATTACHMENTS

Draft Schedule and Scope of Services 07 May 2018E
Terms and Conditions of Agreement
Exhibit A Fee Schedule
Hourly Rate Schedule - TAW
Hourly Rate Schedule - MWL
Randall Gross Proposed Scope of Services

07 May 2018

A. Space Needs Assessment: the Architect Workshop and McClaren Wilson Lawrie

Our process will be informed by a sequence of staff questionnaires, staff interviews and reviews with City leadership. In addition to the information provided by staff and leadership, the teams' decades of experience in defining not only the space allocations for the identified spaces, but the often-underestimated nevertheless necessary functional support spaces which will result in a total space assignment that is realistic and workable. This process will lead to a final report that has been vetted and reviewed sufficiently before becoming a public document.

Specific Tasks

- Identify and delineate individual space needs, set area allocation and determine specific space requirements
- Calculate staff growth and space demands within the 20-year time frame.
- Define support space allocations for hallways, lobby areas, meeting spaces, break rooms, storage, filing, restrooms, copy and printing centers, storm shelters, and other requirements for City departments as identified through the process.
- Compile total space requirements for individual departments and for each position based upon employee position types or job families for each City department (Excel spreadsheet format)
- Determine special space requirements for individual departments, such as permit/plans review centers (Planning & Sustainability, Engineering, and Building and Neighborhood Services) and break out spaces for designated areas such as Administration, Finance, HR, Fire, IT, private offices, and records storage spaces.
- Develop requirements for a City Boardroom area/meeting space, City Court Space including modern public address and multimedia technology
- Determine the emergency power requirements for City Hall facilities
- Consider perceived future needs of the various City departments
- Develop space standards to be applied across the entire organization
- Determine parking requirements to accommodate staff, customers, and public participation at community meetings/events.
- Propose phasing of future space needs growth of City Hall to accommodate staff and service needs beyond 20 years

B. Review of Current Facilities Workshop and Engineering Team

The Architect Workshop and the Engineering Teams' experience with the local building industry, understanding of current construction environment and strong working relationship on previous renovation projects will allow us to provide an effective review and analysis of the existing structure and facilities. Understanding that the current City Hall has been reviewed multiple times over the past decade or more, we intend to confirm previous findings and provide a clear definitive summary of the current conditions, assets and limitations of existing City Hall building and structure.

Specific Tasks

- Inventory current facility infrastructure, site conditions and public services within the City Hall facility
- Identify significant deficiencies in the existing facility and/or site, including ADA and code compliance and site-related security considerations
- Develop a report on the existing facility regarding condition, current maintenance required, and short- and long-term operation

C. Economics Randal Gross (statistics and quantities) – Workshop (graphics)

Randal Gross's expertise as an economist will inform the space requirements assessment by applying demographic and economic growth, standards, past trends, and emerging service requirements. From his experience and research, he can forecast needs of the City Hall based on factors other than just

07 May 2018

the departments' own internal recommendations. This can ensure that the analysis accounts for external factors impacting space requirements in addition to internal staff and leadership expectations.

Specific Tasks

- Evaluate existing site and/or land, parking, and facility pertaining to ongoing and future maintenance cost
- Evaluate potential for white box and potential rental spaces for other agencies on ground floor spaces along Third Avenue
- Compare development cost of construction of new space or lease space and potential payback to City if space was leased
- Evaluate cost and feasibility to build a new on-site City Hall Facility and/or cost per square foot
- Evaluate cost and feasibility to efficiently modify the existing facility to meet the determined 20-year-plus need for a City Hall facility at its permanent and current location

D. The Game Plan

Entire Project Team

Our team will use the information gathered under the three previous steps to develop conceptual stacking diagrams for renovations and replacement scenarios. These proposed scenarios will be evaluated for economic impact and potential timelines. As an end result, we would produce, not just a dry report, but graphic representation of the information which can be used to communicate the vision for the City Hall renovation or redevelopment to the various leadership teams, City Council and general public. This step will accomplish the following specific task from the RFQ:

Specific Tasks

- Define implementation steps and milestones necessary to fulfill the findings of the space assessment
- Identify future needs of the 20-year time frame in terms of excess square footage

Proposed Needs Assessment Deliverables

- Space needs tabulation, including proposed space standards for offices, conference spaces, etc.
- Analysis of Existing conditions
- Test Fit of Space Needs with existing structure and as potential new construction/ addition diagrams
- Proposed Renovation/Redevelopment Budget
- Proposed Renovation/Redevelopment Schedule
- Economic Evaluation of proposed renovation/redevelopment, and new construction options, including economic feasibility of public/private development and lease options

Proposed Schedule

A. Space Needs Assessment:

- | | |
|-------------------------|-----------|
| A. data gathering | 6-8 weeks |
| B. data synthesis | 4-6 weeks |
| C. preparation of draft | 4-6 weeks |

B. Review of Current Facilities

4-5 weeks

C. Economics

4-8 weeks final scope would impact duration

D. The Game Plan

4-6 weeks post acceptance of A, B and C

Schedule can be impacted by the number of desired public meetings and internal meetings
Schedules for tasks can be overlapped as needed to meet overall time line for City goals

Exhibit A**Professional Services Fees
Franklin City Hall Space Needs**

phases	Professional Team Members					Totals	% of fee
	TAW	MWL	EMC	Edmonds	Randall Gross		
data gathering deliverable - questionnaires, space standards, meetings and notes and demand driven space analysis meetings - kick off - webbased - onsite interviews multi-day tasks - prepare questionnaires, suggested space standards, assemble background information provided by City and RG/DE	\$ 3,878 TAW and MWL on-site for interviews	\$ 23,618 MWL lead majority of document preparations	\$ -	\$ -	\$ 5,600 demand driven space analysis	\$ 33,096	23%
public forum for input workshop for user groups and interested parties to provide input and perspective - summary notes	\$ 8,440 assume 3 meetings and prep and follow up	OPTIONAL allow \$11,000 +/- plus travel				\$ 8,440	6%
data synthesis deliverable 3-4 page spreadsheet summarizing findings of data gathering and public forum	\$ 1,615	\$ 10,949				\$ 12,564	9%
review current facilities deliverable - multi-page report on state of existing building - addressing current use, current mep systems, current shortcomings, current structural condition, based on field visit and use of existing documents provided by City	\$ 7,500 TAW lead site visit, written report summarizing findings of conditions and operational in-effectiveness graphic diagrams	\$ -	\$ 750 site visit and report	\$ 6,000 assume 4 meetings - kick off, site visit, 2 project team coordination, exclude security, LEED, systems testing		\$ 14,250	10%
economics includes, team and client meetings - kick off meeting, interim report on findings, final presentation of findings and recommendations, Existing conditions assessments, Demand Driven Space Requirements - (mesh with MWL data gathering) External use and Income Generating Opportunities, ROI analysis, Recommendations					\$ 9,350 RG/DE lead economic analysis and report	\$ 9,350	6%
the game plan Summary of findings of MWL, RG/DE and team in written and visual presentation deliverables written report, potential stacking diagram of overall site multi-page document - space needs, methodology, trends influences, designer guidelines, illustrated space standards, square footage spreadsheets, adjacency diagrams, growth milestones, demographic factors, technology needs	\$ 21,365 TAW manage support	\$ 43,803 MWL - lead and includes on site presentation	\$ -	\$ 2,000	\$ 2,000	\$ 69,168	47%
total of fees	\$42,798	\$78,370	\$750	\$8,000	\$16,950	\$146,868	100%

MWL **budget for travel and hotel reimbursables** - \$6,000 excluded from above fees

1. Assumption that on-site public workshops to be conducted by AW. If MWL participation is required it would be an extra services with T&M fee.
2. Assumption that long form game plan presentation is draft and any "final" presentation would be conducted by AW. If MWL participation is required it would be an extra services with T&M fee.
3. The above fee assumes the final deliverable will be a "macro" type study. It will assign a standardized \$F allowance per staff member based on short and long term milestones. It will assess space implications of changes to operational models [such as a "service first" public counter. It is to be used for basic decision making to determine efficiencies. Prior to any eventual design is will need to be developed into a final space program.
4. Existing building evaluation re: **operational needs** to be a shared task by AW and MWL.
5. Existing building evaluation re: **physical plant and building systems** is included in AW, Edmonds and EMC scope of services
6. **Long term demographic and external / economic forces evaluation** is RG/DE scope of services
MWL will project staffing needs based on growth projections furnished by RG/DE research

the architect **WORKSHOP**
architecture design planning management

hourly rates

effective 01 January 2018

principal	\$ 165.00	per hour
project management	\$ 105.00	per hour
staff	\$ 90.00	per hour
support	\$ 65.00	per hour

reimbursable expenses

printing, plotting, document reproductions	cost plus 10%
out-of-town travel and expenses	cost plus 10%
unless otherwise noted in agreement	

REIMBURSABLE EXPENSES:

Reimbursable Expenses are in addition to compensation for professional services, and include, but not limited to, expense of transportation, greater than 50 miles from the Architect's office, in connection with the project; expenses in connection with authorized out-of-town travel; long-distance communications; and fees paid for securing approval of authorities having jurisdiction over the project; expenses of reproduction of drawings, and specifications, and other documents; expenses for postage, and handling of drawings in connection with the project. These reimbursable expenses shall be billed as a multiple of 1.1 times the cost incurred by the Architect.



McClaren Wilson & Lawrie, Inc.

Exhibit A - Scope / Fee

City of Franklin TN, City Hall Space Needs Assessment Macro Study May/30/2018

Technical Consulting Services to Architect Workshop

	RATE PER HOUR		
	Senior Principal	Project Manager	Staff
AVERAGED HOURLY RATE	\$ 235.00	\$ 206.00	\$ 105.00

Randall Gross / Development Economics

PROPOSED SCOPE OF SERVICES

Franklin City Hall Needs Assessment

The purpose of RGDE work on this assignment is to “inform the space requirements assessment by applying demographic and economic growth forecasts, standards, past trends, and emerging service requirements” to the overall analysis. As such, the analysis will account for “external” factors affecting space requirements, beyond the departments’ own internal recommendations.

1. Meetings and Presentations.
 - a. Team meetings as appropriate.
 - b. Client meetings & presentations
 - i. Introduction and alignment of scope with objectives
 - ii. Interim presentation of findings on demand-driven “external” space requirements
 - iii. Final presentation as part of team on overall returns and strategic recommendations
2. Existing Conditions Assessment.
 - a. Collect and review existing site, facilities, programs, plans and budgets, pertaining to the operations of Franklin City Government.
 - b. Review 2008-09 projected Municipal service requirements
 - c. Assess demographic, real estate, and employment trends and growth projections
3. Demand-Driven Space Requirements.
 - a. Collect information and input from City Budget and departments on level of service provision and utilization by constituency, geographic sub-area, audience, land use, and other delineating factors.
 - b. Assign service utilization to demographic, land use and other factors as relevant
 - c. Correlate utilization to staffing needs, space requirements and standards; forecast demand for Municipal building space in terms of staffing and square feet by use.
 - d. Work with other team members to align demand-generated space requirements with stated department needs.
4. External Use & Income-Generating Opportunities.
 - a. Evaluate the potential for white box and/or rental space and uses for agencies and non-government entities in ground floor spaces along Third Avenue or otherwise incorporated into a municipal facility project.
 - b. Determine pro forma income potential

Randall Gross / Development Economics

5. Return on Investment Analysis. Compare relative cost-benefit returns to City of new construction and leasing space for program identified by the team. (Construction cost estimates would be generated by other team members).
6. Strategic Recommendations. Provide strategic guidance to inform the development and/or leasing program.

The following items listed in the proposal under "Economics" would be accomplished by qualified team members (other than RGDE) who specialize in cost estimating.

- *Evaluate cost and feasibility to build a new on-site City Hall Facility and/or cost per square foot*
- *Evaluate cost and feasibility to efficiently modify the existing facility to meet the determined 20-year-plus need for a City Hall facility at its permanent and current location*

PROPOSED BUDGET

A total budget of \$16,950.00 is proposed including expenses. There is flexibility on the scope and budget, depending on the requirements of the client.

PROPOSED BUDGET			
	Task	Hours	Fee
1	Meetings/Presentations	15	\$ 1,500
2	Existing Conditions	27	\$ 2,700
3	Demand-Driven Space	56	\$ 5,600
4	External Use/Income	32	\$ 3,200
5	Return on Investment	24	\$ 2,400
6	Strategic Recomm/Report	12	\$ 1,200
	Total Fee	166	\$ 16,600
	Expenses (Data, etc)		\$ 350
	TOTAL		\$ 16,950.00

Expenses would primarily include data purchased for the purpose of projecting certain demographic and employment factors.

**CITY OF FRANKLIN, TENNESSEE
PROFESSIONAL SERVICES AGREEMENT
COF Contract No.2018-0085**

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is by and between the City of Franklin, Tennessee, hereinafter referenced as ("City"), and LOSE & ASSOCIATES, INC. hereinafter referenced as Consultant, who mutually agree as follows:

DECLARATIONS. City desires to retain Consultant to provide engineering, related technical, and other services in connection with City's project hereinafter referenced as Project. The Project is described as follows:

**PROPOSAL FOR PROFESSIONAL SERVICES TO PROVIDE LANDSCAPE
ARCHITECTURE, ARCHITECTURE AND CIVIL ENGINEERING
SERVICES FOR FREEDOM MIDDLE SCHOOL AND POPULAR GROVE
SCHOOL SITE. DEVELOPING A MASTER PLAN, OPINION OF
PROBABLE COST, COORDINATION FOR THE RENOVATION OF
EXISTING BALLFIELDS ON SITE, EVALUATE STORMWATER
INFRASTRUCTURE AND PROVIDE OPTIONS FOR A CONCESSION AND
RESTROOM BUILDING.**

1. **SCOPE OF SERVICES.** Consultant shall provide engineering related technical services for the Project in accordance with the Scope of Services (Services) as found in Attachment A which shall be considered as an integral part hereof.
2. Consultant shall submit as a part of Attachment A an individual Fee Schedule and a Completion Schedule for the Project based on the detailed Scope of Services.
3. In event of a conflict between this Agreement and the attached document(s), this Agreement shall supersede conflicting terms and conditions.
4. Consultant shall be paid on a monthly basis for work performed based on the Fee Schedule as contained in Attachment A, in the Not-to-Exceed Amount SIXTY THOUSAND AND NO/100 DOLLARS (\$60,000.00).

The Board of Mayor and Aldermen Approved this Agreement on the _____ Day of _____, 201__.

TERMS AND CONDITIONS FOR PROFESSIONAL SERVICES

ARTICLE 1. SERVICES. Consultant will:

- 1.1 Act for City in a professional manner, using that degree of care and skill ordinarily exercised by and consistent with standards of competent consultants using the standards in the industry:
- 1.2 Consider all reports to be confidential and distribute copies of the same only to those persons specifically designated by the City.
- 1.3 Perform all services under the general direction of a senior professional employee, licensed and/or registered in the State of Tennessee, when appropriate.
- 1.4 Designate, in writing, the sole Project representative to coordinate with City the Services to be provided, including all contact information.
- 1.5 Unless provided for in the Project Scope of Services (Attachment A), Consultant shall perform all Services with his own forces (employees). Should sub-consultants be proposed to be used in the Project, a listing of said sub-consultants with Services to be performed shall be provided. After approval of this Agreement, no substitute for sub-consultants shall be allowed unless approved by City.
- 1.6 Retain pertinent records relating to the services performed for a period of seven (7) years following the completion of the work; during this period the records shall be available for review by City at all reasonable times.

ARTICLE 2. CITY'S RESPONSIBILITIES. City, or its authorized representative, will:

- 2.1 Provide Consultant with all information regarding the Project, which is available to, or reasonably obtainable by, the City.
- 2.2 Furnish right-of-entry onto the Project site for Consultant's necessary field studies and surveys. Consultant will endeavor to restore the site to its original condition and shall remain solely liable for all damages, costs and expenses, including reasonable attorneys' fees, for failure to make such restoration.
- 2.3 Designate, in writing, the sole Project representative to coordinate with and direct the Consultant, including all contact information.
- 2.4 Guarantee to Consultant that it has the legal capacity to enter into this contract and that sufficient monies are available to fund Consultant's compensation.

ARTICLE 3. GENERAL CONDITIONS.

- 3.1 Consultant, by the performance of services covered hereunder, does not in any way assume, abridge or abrogate any of those duties, responsibilities or authorities customarily vested in other professionals or agencies participating in the Project.

- 3.2 Consultant shall be responsible for the acts or omissions of any party involved in concurrent or subsequent phases of the Project acting upon written instruction issued by the Consultant.
- 3.3 Neither City nor Consultant may assign or transfer its duties or interest in this Agreement without written consent of the other party.
- 3.4 **ALLOCATION OF RISK AND LIABILITY; GENERAL.** Considering the potential liabilities that may exist during the performance of the services of this Agreement, the relative benefits and risks of the Project, and the Consultant's fee for the services rendered, and in consideration of the promises contained in this Agreement, the City and the Consultant agree to allocate and limit such liabilities in accordance with this Article.
- 3.5 **INDEMNIFICATION.** Consultant agrees to indemnify and hold City harmless from and against legal liability for all judgments, losses, damages, and expenses to the extent such judgments, losses, damages, or expenses are caused by Consultant's negligent act, error or omission in the performance of the services of this Agreement. In the event judgments, losses, damages, or expenses are caused by the joint or concurrent negligence of Consultant and City, they shall be borne by each party in proportion to its own negligence.
- 3.5.1 **SURVIVAL.** The terms and conditions of this paragraph shall survive completion of this services agreement.
- 3.6 **LIMITATIONS OF RESPONSIBILITY.** Consultant shall not be responsible for (a) construction means, methods, techniques, sequences, procedures, or safety precautions and programs in connection with the Project unless specifically undertaken in Attachment A, Scope of Services ; (b) the failure of any contractor, subcontractor, Consultant, or other Project participant, not under contract to Consultant, to fulfill contractual responsibilities to City or to comply with federal, state, or local laws, regulations, and codes; or (c) procuring permits, certificates, and licenses required for any construction unless such procurement responsibilities are specifically assigned to Consultant in Attachment A, Scope of Services.

ARTICLE 4. TERMINATION BY THE CITY. The City may terminate this Agreement in accordance with the following terms and conditions:

- 4.1 **Termination for Convenience.** The City may, when in the interests of the City, terminate performance under this Agreement with the Consultant, in whole or in part, for the convenience of the City. The City shall give written notice of such termination to the Consultant specifying when termination becomes effective. The Consultant shall incur no further obligations in connection with the work so terminated, other than warranties and guarantees for completed work and installed equipment, and the Consultant shall stop work when such termination becomes

effective. The Consultant shall also terminate outstanding orders and subcontracts for the affected work. The Consultant shall settle the liabilities and claims arising out of the termination of subcontracts and orders. The City may direct the Consultant to assign the Consultant's right, title and interest under termination orders or subcontracts to the City or its designee. The Consultant shall transfer title and deliver to the City such completed or partially completed work and materials, equipment, parts, fixtures, information and Contract rights as the Consultant has in its possession or control. When terminated for convenience, the Consultant shall be compensated as follows:

- (1) The Consultant shall submit a termination claim to the City specifying the amounts due because of the termination for convenience together with costs, pricing or other data required by the City. If the Consultant fails to file a termination claim within one (1) year from the effective date of termination, the City shall pay the Consultant the amount the City deems the Consultant is due.
- (2) The City and the Consultant may agree to the compensation, if any, due to the Consultant hereunder.
- (3) Absent agreement to the amount due to the Consultant, the City shall pay the Consultant the following amounts:
 - (a) Contract costs for labor, materials, equipment and other services accepted under this Agreement;
 - (b) Reasonable costs incurred in preparing to perform and in performing the terminated portion of the work, and in terminating the Consultant's performance, plus a fair and reasonable allowance for direct job site overhead and earned profit thereon (such profit shall not include anticipated profit or consequential damages); provided however, that if it reasonably appears that the Consultant would have not profited or would have sustained a loss if the entire Agreement would have been completed, no profit shall be allowed or included and the amount of compensation shall be reduced to reflect the anticipated rate of loss, if any;

The total sum to be paid the Consultant under this Section shall not exceed the total Agreement Price, as properly adjusted, reduced by the amount of payments otherwise made, and shall in no event include duplication of payment.

- 4.2 Termination for Cause. If the Consultant does not perform the work, or any part thereof, in a timely manner, supply adequate labor, supervisory personnel or proper equipment or materials, or if it fails to timely discharge its obligations for labor, equipment and materials, or proceeds to disobey applicable law, or otherwise commits a violation of a material provision of this Agreement, then the City, in addition to any other rights it may have against the Consultant or others, may terminate the performance of the Consultant, in whole or in part at the City's sole option, and assume possession of the Project Plans and materials and may complete the work.

In such case, the Consultant shall not be paid further until the work is complete. After Completion has been achieved, if any portion of the Contract Price, as it may be modified hereunder, remains after the cost to the City of completing the work, including all costs and expenses of every nature incurred, has been deducted by the City, such remainder shall belong to the Consultant. Otherwise, the Consultant shall pay and make whole the City for such cost. This obligation for payment shall survive the termination of the Agreement.

In the event the employment of the Consultant is terminated by the City for cause pursuant to this Section and it is subsequently determined by a Court of competent jurisdiction that such termination was without cause, such termination shall thereupon be deemed a Termination for Convenience under this Section and the provisions of Section 4.1 shall apply.

- 4.3 Termination for Non-Appropriation. The City may also terminate this Agreement, in whole or in part, for non-appropriation of sufficient funds to complete or partially complete the Project, regardless of the source of such funds, and such termination shall be on the terms of Section 4.1.
- 4.4 The City's rights under this Section shall be in addition to those contained elsewhere herein or provided by law.

ARTICLE 5. SCOPE OF SERVICES. Consultant shall provide the Services as described in Attachment A, Scope of Services.

- 5.1 By mutual agreement, this Agreement and scope can be amended by the parties. The scope and fee for any additional tasks or services under such amendment shall be mutually negotiated and agreed to in writing prior to beginning such additional tasks or services.

5.2 ENVIRONMENTAL RESPONSIBILITY.

Where drilling/sampling services are involved, the samples obtained from the Project site are the property of the City. Should any of these samples be recognized by the Consultant to be contaminated, the City shall remove them from the Consultant's custody and transport them to a disposal site, all in accordance with applicable government statutes, ordinances, and regulations. For all other samples, the Consultant shall retain them for a sixty (60)-day period following the submission of the drilling/sampling report unless the City directs otherwise; thereafter, the Consultant shall discard the samples in accordance with all federal, state and local laws.

ARTICLE 6. SCHEDULE.

6.1 TIME OF THE ESSENCE. The parties agree that time is of the essence with respect to the parties' performance of all provisions of the Agreement.

6.2 Before executing this Agreement, the Consultant shall have prepared and submitted for approval to the City a Completion Schedule for the Project with milestones for the various stages (tasks) of the Services as outlined in the Scope of Services. The Consultant shall submit and obtain the City's approval for any proposed changes to the logic, durations, sequences, or timing of tasks as approved in the Completion Schedule.

6.3 FORCE MAJEURE. Neither party will be liable to the other for any delay or failure to perform any of the services or obligations set forth in this Agreement due to causes beyond its reasonable control, and performance times will be considered extended for a period of time equivalent to the time lost because of such delay plus a reasonable period of time to allow the parties to recommence performance of their respective obligations hereunder. Should a circumstance of force majeure last more than ninety (90) days, either party may by written notice to the other terminate this Agreement. The term "force majeure" as used herein shall mean the following: acts of God; strikes, lockouts or other industrial disturbances; acts of public enemies; orders or restraints of any kind of the government of the United States or of the State or any of their departments, agencies or officials, or any civil or military authority; insurrections, riots, landslides, earthquakes, fires, storms, tornadoes, droughts, floods, explosions, breakage or accident to machinery, transmission pipes or canals; or any other cause or event not reasonably within the control of either party.

6.4 Should City request changes in the scope, extent, or character of the Project, the fee and the time of performance of Consultant's Services as indicated in Attachment A shall be adjusted equitably.

ARTICLE 7. USE OF DOCUMENTS, DATA.

7.1 All Documents, including, but not limited to, reports, drawings, specifications, and computer software prepared by Consultant pursuant to this Agreement are instruments of service in respect to the Project. Consultant shall retain an ownership and property interest therein (including the right of reuse at the discretion of the Consultant) whether or not the Project is completed.

7.1.1 USE OF DATA SYSTEMS: Ownership, property interests and proprietary rights in data systems used by Consultant do not extend to the data created by or supplied to Consultant by the City; all rights to that data (including derivative or hidden data such as metadata) shall vest solely in City at the moment of creation.

7.1.2 DISCLOSURE OF DOCUMENTS/DATA. City may be required to disclose documents or data under state or federal law. City shall notify Consultant if a request for data or documents has been made and shall give Consultant a reasonable opportunity under the circumstances to respond to the request by redacting proprietary or other confidential information. Consultant waives any right to confidentiality of any document, e-mail or file it fails to clearly mark on each page as confidential or proprietary. In exchange, Consultant agrees to indemnify, defend, and hold harmless City for any claims by third parties relating thereto or arising out of (i) the City's failure to disclose such documents or information required to be disclosed by law, or (ii) the City's release of documents as a result of City's reliance upon Consultant representation that materials supplied by Consultant (in full or redacted form) do not contain trade secrets or proprietary information, provided that the City impleads Consultant and Consultant assumes control over that claim.

7.2 By execution of this Agreement, Consultant and his sub-consultant(s) grant the City a royalty-free, perpetual, irrevocable, and assignable license to use any and all intellectual property interest Consultant or his sub-consultant(s) possess to any drawings, details, specifications, documents, and other information created before each of their first involvement with the Project and subsequently incorporated into the Project's documents. City-furnished data that may be relied upon by Consultant is limited to the printed copies that are delivered to the Consultant pursuant to Article 2 of this Agreement. Any copyrighted electronic files furnished by City shall be used by Consultant only for the Project as described herein. City's posting or publication of such documents created by Consultant for City shall constitute fair use and shall not constitute an infringement of Consultant's copyright, if any.

- 7.3 Documents that may be relied upon by City are limited to the printed copies (also known as hard copies) that are signed or sealed by the Consultant. Files in electronic media format of text, data, graphics, or of other types that are furnished by Consultant to City are only for convenience of City, unless the delivery of the Project in electronic media format has been dictated in Attachment A, Scope of Services. Any conclusion or information obtained or derived from electronic files provided for convenience will be at the user's sole risk.
- 7.4 Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the party receiving electronic files agrees that it will perform acceptance tests or procedures within sixty (60) days, after which the receiving party shall be deemed to have accepted the data thus transferred. Any errors detected within the 60-day acceptance period will be corrected by the party delivering the electronic files. Unless stated otherwise herein, Consultant shall not be responsible to maintain documents stored in electronic media format after acceptance by City.
- 7.5 When transferring documents in electronic media format, Consultant makes no representations as to long term compatibility, usability, or readability, of documents resulting from the use of software application packages, operating systems, or computer hardware differing from that as required of, and used by, Consultant at the beginning of this Project.
- 7.6 City may make and retain copies of Documents for information and reference in connection with use on the Project by the City, or his authorized representative. Such Documents are not intended or represented to be suitable for reuse by City or others on extensions of the Project or on any other project. Any such reuse or modifications without written verification or adaptation by Consultant, as appropriate for the specific purpose intended, will be at City's sole risk and without liability or legal exposure to the Consultant or to Consultant's sub-consultants.
- 7.7 If there is a discrepancy between the electronic files and the hard copies, the hard copies govern.
- 7.8 Any verification or adaptation of the Documents for extensions of the Project or for any other project will entitle Consultant to further compensation at rates to be agreed upon by City and Consultant.

ARTICLE 8. INSURANCE.

- 8.1 During the performance of the Services under this Agreement, Consultant shall maintain the following minimum insurance:
- a) General Liability Insurance with a combined single limit of \$1,000,000 per occurrence and \$2,000,000 annual aggregate.
 - b) Automobile Liability Insurance with a combined single limit of \$1,000,000 for each person and \$1,000,000 for each accident.

- c) Workers' Compensation Insurance Coverage A in accordance with statutory requirements and Coverage B, Employer's Liability Insurance, with a limit of \$500,000 for each occurrence.
 - d) Professional Liability Insurance with a limit of \$1,000,000 annual aggregate.
- 8.2 Consultant shall add the City an additional insured on all policies unless otherwise prohibited.
- 8.3 Consultant shall, upon execution of this Agreement, furnish City certificates of insurance, which shall include a provision that such insurance shall not be canceled without at least thirty (30) days' written notice to City.
- 8.4 No insurance, of whatever kind or type is to be considered as in any way limiting other parties' responsibility for damages resulting from their activities in the execution of the Project. City agrees to include, or cause to be included, in the Project's construction contract, such requirements for insurance coverage and performance bonds by the Project's construction contractor as City deems adequate to indemnify City, Consultant, and other concerned parties against claims for damages and to insure compliance of work performance and materials with Project requirements.

ARTICLE 9. PAYMENT.

- 9.1 City will pay Consultant for services and expenses in accordance with the Fee Schedule proposal submitted for the Project as part of the Scope of Services. Consultant's invoices will be presented at the completion of the work or monthly and will be payable upon receipt. Payment is due upon presentation of invoice and is past due thirty (30) days from invoice date. City shall give prompt written notice of any disputed amount and shall pay the remaining amount.
- 9.2 Consultant shall be paid in full for all services under this Agreement, including City authorized overruns of the Project budget or unforeseen need for Consultant's services exceeding the original Scope of Services.
- 9.3 **TRAVEL; EXPENSES**
City shall reimburse reasonable expenses, including travel and meals, when specified in the Scope of Services, but only in accordance with the City's Travel and Expense Policy and Procedures Manual. The maximum amount will be applied as of the date of travel and as listed in the per diem reimbursement rates on the "CONUS" website developed by the United States General Services Administration, located at www.gsa.gov [click on 'per diem rates' under the 'etools' category].

ARTICLE 10. MISCELLANEOUS PROVISIONS

- 10.1 **EQUAL EMPLOYMENT OPPORTUNITY.** In connection with this Agreement and the Project, City and Consultant shall not discriminate against any employee or applicant for employment because of race, color, sex, national origin, disability or marital status. City and Consultant will take affirmative action to ensure that the contractor used for the Project does not discriminate against any employee and employees are treated during employment without regard to their race, age, religion, color, gender, national origin, disability or marital status. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination, rates of pay or other forms of compensation; and selection for training, including apprenticeship.
- 10.1.1 Consultant shall insert the foregoing provision in all contracts relating to this Project.
- 10.2 **TITLE VI – CIVIL RIGHTS ACT OF 1964.** City and Consultant shall comply with all the requirements imposed by Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d), 49 C.F.R., Part 21, and related statutes and regulations.
- 10.2.1 Consultant shall insert the foregoing provision in all contracts relating to this Project.
- 10.3 **NO THIRD PARTY RIGHTS CREATED.** City and Consultant each binds itself and its successors, executors, administrators, permitted assigns, legal representatives and, in the case of a partnership, its partners, to the other party to this Agreement and to their successors, executors, administrators, permitted assigns, legal representatives and partners of such other party in respect to all provisions of this Agreement. The Services provided for in this Agreement are for the sole use and benefit of City and Consultant. Nothing in this Agreement shall be construed to give any rights or benefits to anyone other than City and Consultant.
- 10.4 **WARRANTIES/LIMITATION OF LIABILITY/WAIVER.** City reserves all rights afforded to local governments under law for all general and implied warranties. City does not waive any rights it may have to all remedies provided by law and therefore any attempt by Consultant to limit its liability shall be void and unenforceable.

ARTICLE 11. EXTENT OF AGREEMENT:

- 11.1 **APPLICABLE LAW/CHOICE OF FORUM AND VENUE.** This Agreement is made under and will be construed in accordance with the laws of the State of Tennessee without giving effect to that state's choice of law rules. The parties' choice of forum and venue shall be exclusively in the courts of Williamson County, Tennessee. Any provision of this

Agreement held to violate a law or regulation shall be deemed void, and all remaining provisions shall continue in force.

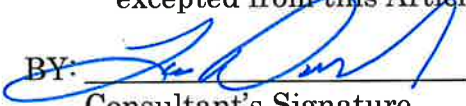
- 11.2 ENTIRE AGREEMENT. This Agreement, including these terms and conditions, represent the entire Agreement between City and Consultant for this Project and supersedes all prior negotiations, representations or agreements, written or oral. This Agreement may be amended only by written instrument signed by City and Consultant.

ARTICLE 12. DISPUTE RESOLUTION, BREACH.

- 12.1 If a dispute should arise relating to the performance of or payment for the Services under this Agreement, the aggrieved party shall notify the other party of the dispute within a reasonable time after such dispute arises. During the pendency of any dispute, the parties shall continue diligently to fulfill their respective obligations hereunder. No arbitration or mediation shall be required as a condition precedent to filing any legal claim arising out of or relating to this Agreement. No arbitration or mediation shall be binding.
- 12.2 BREACH. Upon deliberate breach of the Agreement by either party, the non-breaching party shall be entitled to terminate the Agreement with notice, with all of the remedies it would have in the event of termination, and may also have such other remedies as it may be entitled to in law or in equity.

ARTICLE 13. SURVIVAL.

The provisions contained in this Professional Services Agreement shall survive the completion of or any termination of the Agreement, contract or other document to which it may accompany or incorporate by reference or which subsequently may be modified, unless expressly excepted from this Article upon consent of both parties.

BY: 
Consultant's Signature
TITLE: EVEL VICE PRESIDENT- COO
Date: 7-29-2018

BY: _____
Dr. Ken Moore
Mayor
Date: _____

Approved as to Form:

Tiffani M. Pope, Staff Attorney

BY: _____
Dr. David Snowden
Superintendent, FSSD
Date: _____



May 23, 2018

Ms. Lisa Clayton
Director, Parks and Recreation
City of Franklin
705 Boyd Mill Avenue
Franklin, TN 37065

Dr. David Snowden
Superintendent, Franklin Special School
District 507 New Highway 96 West
Franklin, TN 37064

**RE: Proposal for Professional Services
FSSD – Ball Field Renovation Masterplan
Franklin, Tennessee
LA Project #18062**

Dear Ms. Clayton and Dr. Snowden:

Lose & Associates, Inc., is pleased to provide landscape architecture, architecture and civil engineering services for the Freedom Middle School and Poplar Grove School site in Franklin, Tennessee. Our services will consist of developing a master plan, opinion of probable cost, coordination for the renovation of existing ball fields on site, evaluate storm water infrastructure and provide options for a concession and restroom building.

If this scope is acceptable, please advise for next steps. Once notice to proceed is received, we will begin work on this exciting project.

Please let me know if you need any additional information from us. I can be reached at (615) 242-0040 or jgulick@loseassoc.com.

Sincerely,

LOSE & ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read 'J. Gulick', is written over the company name.

Joshua Gulick, PLA
Project Manager



SCOPE OF SERVICES

City of Franklin Parks and Recreation

Freedom Middle School, Poplar Middle and Elementary Schools – Ball Field Renovation

Project Description

Lose and Associates Inc. (Lose) understands that the City of Franklin, Parks and Recreation Department (FPR) desires to renovate two existing ball fields, an existing discus and shot-put field, and existing infrastructure for a long jump as indicated in Exhibit 'A'. The site is located at 2959 Del Rio Pike, Franklin TN, 37064 (parcel ID 063 05400 00109063, 063 05400 00009063) and is +/-72 acres. Lose understands that the land disturbance for this area to be more than 10,000 sf and will require grading permit, stormwater coordination, design and application. Lose also understands that coordination and updating existing stormwater infrastructure on site will be needed.

Task 1 - Project Management and Data Collection

This task will consist of the following:

- Coordination with utility companies and attend up to two (2) meetings.
- Coordinate and attend up to two (2) meetings with school administration.
- Up to three (3) meetings with FPR are anticipated for this task.
- Up to two (1) meetings with Planning Commission are anticipated for this task.
- Evaluation of proposed master plan provided by FPR.
- Project management services expected for task 1 - 5.

Task 2 – Survey (Freedom Middle and Poplar Grove)

This task will consist of the following:

- Lose will engage a registered surveyor to complete a boundary and topographic survey.
- Lose will review the survey and coordinate any revisions or additional survey requests.
- Up to one (1) meeting with the surveyor on-site are anticipated for this task.

Task 2.1 – Survey (Remainder of Freedom Middle and Poplar Grove property and Freedom Intermediate and Johnson Elementary)

This task will consist of the following:

- Lose will engage a registered surveyor to complete a boundary and topographic survey.
- Lose will break out the survey for future project areas at Freedom Middle, Poplar Grove, and at Freedom Elementary and Johnson Elementary.
- Lose will review the survey and coordinate any revisions or additional survey requests.
- Up to one (1) meeting with the surveyor on-site are anticipated for this task.

Task 3 – Geotechnical Engineering

This task will consist of the following:

- Lose will engage a registered geo-technical engineer to provide infiltration testing at various locations indicated during the master planning process.
- Lose will engage a registered geo-technical engineer to provide borings at proposed building footing locations.
- Lose will coordinate the findings with stormwater and structural considerations.



Task 4 –Master Planning

This task will consist of the following:

- Lose will evaluate the existing grades and site drainage.
- Lose will evaluate ball field sizing and orientation.
- Lose will create one (1) master plan for the site at 20-scale consisting of preliminary layout, grading, circulation, building placement, parking, batting cages, walking path and dimensions, discus and long-jump.
- Lose will create two (2) plan options for concession building aesthetics and sizes with color selection and sketches of building elevations.
- Lose will meet with FPR to review the master plan.
- Lose will consolidate comments and create one (1) final master plan for approval.
- Upon approval of the master plan, Lose will incorporate hand drawn linework into Autocad.
- Lose will provide a preliminary opinion of probable cost for the final approved master plan.
- Lose anticipates up to two (2) meetings for this task.

Task 5 –Permitting and Stormwater Coordination

Upon approval of the final master plan, Lose will organize meetings with City of Franklin permitting departments. This task will consist of the following:

- Lose will attend up to two (2) meetings with the City of Franklin Stormwater department and consolidate comments and requirements into their standard submittal check list.
- Lose will attend up to one (1) meeting with the City of Franklin permitting office and consolidate comments and requirements into the City standard submittal application and check list.

Exclusions

- Professional Services other than those listed in the above scope of services
- Construction Documents
- Hydrologic determinations
- Environmental permitting.
- Flood Studies
- Traffic Engineering
- Notification Packets
- Neighborhood Meetings
- Re-Zoning
- Operations Manual



<u>Description of Services</u>	<u>Fee Amount</u>
Task 1 – Project Management and Data Collection	\$7,500.00
Task 2 – Survey (Freedom Middle and Poplar Grove)	\$17,500.00
Task 3 – Geotechnical Engineering	\$10,000.00
Task 4 – Master Planning	\$18,500.00
Task 5 – Permitting and Stormwater Coordination	\$6,500.00
Total	\$60,000.00

Optional

Task 2.1 – Survey (Freedom Intermediate and Johnson Elementary)\$38,000.00

Compensation

Lose & Associates, Inc. will provide the services described herein for Tasks 1-5 on a lump sum fee basis.

Schedule

Lose & Associates, Inc. will complete the work based upon a mutually agreed upon schedule.

Nashville Office: 2809 Foster Avenue • Nashville, Tennessee 37210 • Phone: 615-242-0040
Atlanta Office: 220 W Crogan Street, Suite 100 • Lawrenceville, Georgia 30046 • Phone: 770-338-0017
Knoxville Office: 9724 Kingston Pike • Knoxville, Tennessee 37944 • Phone: 865-409-1424



IRRIGATION METERING FEE/RATE DISCUSSION

AUGUST 13, 2019

MICHELLE HATCHER, PE,
DIRECTOR WATER
MANAGEMENT

MARK HILTY, ACA
PUBLIC WORKS

DISCUSSION OUTLINE

- Existing utility rate structure and irrigation meter impact fee description
- Potential options and impacts
- Examples from other utility districts
- Discussion

UTILITY RATE STRUCTURE AND IRRIGATION METER IMPACT FEE

- Irrigation meter water rates (potable water)
 - Inclining rate structure to capture costs associated with large demands caused by irrigation and other uses
 - Impact fee, similar to domestic water meters, to pay for past and near-term future investments by the City
- Sewer revenues associated with irrigation
 - Declining rate structure - acknowledges that increased water consumption can be associated with irrigation and other uses that may not enter the wastewater stream
- Irrigation meter fee
 - Current Impact fee = \$3,150 (3/4" residential)
 - Actual cost of typical installation is approximately \$1,615 (3/4" residential irrigation)
 - Complete tap installation fee: \$756 however code allows for recovery of full cost
 - Current irrigation impact fee plus installation fee: $\$3,150 + \$756 = \$3,906$

POTENTIAL OPTIONS

- Continue existing practices
- Lower irrigation meter impact fees and evaluate effects on revenues
- Implement a winter pricing model
- Evaluate declining structure for sanitary sewer

EVALUATE IRRIGATION METER IMPACT FEES AND EFFECTS ON REVENUES

- Concept presented in April 2019
 - Lower impact fee to provide for a lower cost of purchase of irrigation meter
 - Recover lost impact fee revenues through the volumetric rates
 - Eliminate declining rate structure in sanitary sewer
 - Irrigation meter impact fee to at least recover cost of installation and materials
- Perform COS analysis to evaluate domestic and irrigation water rates and sanitary sewer rates
- Treats irrigation water as a luxury

EVALUATE IRRIGATION METER IMPACT FEES AND EFFECTS ON REVENUES

From a Utility Management Perspective

Pros	Cons
Continue to treat irrigation water as a luxury	Impact fee is no longer paid up front
Equitable application of fees and rates	May encourages the installation of irrigation systems
Continue to have a better understanding of irrigation water usage patterns	Potential increase in metering infrastructure

From a Customer's Perspective

Pros	Cons
Makes irrigation water more affordable	Cost of acquiring irrigation meter may be cost prohibitive based on irrigation patterns
Mitigates to some extent, impacts on lower income households	Still may have an upfront impact fee
Sewer fee not charged on irrigation meter	

WINTER PRICING MODEL

- Winter pricing model typically averages water usage during a defined winter period to calculate sanitary sewer charges during a defined summer period
- Considerations
 - Eliminate declining rate for sanitary sewer since outdoor usage will be accounted for in this methodology
 - Reevaluate inclining rate in water to encourage consumption within the sfue
 - Perform rate analysis for both water and sanitary sewer one year after implementation to evaluate adequacy of rates
 - Winter months consistent with winter months defined by the City's NPDES permits
 - Consider percentage allocation for increased indoor water usage to provide for variability of usage patterns

WINTER PRICING MODEL

From a Utility Management Perspective

Pros	Cons
Less meter infrastructure requirements	Inaccurate calculation of sewer flow (i.e. leaking toilet in summer)
Mitigates impacts on low income households	Encourages irrigation • Larger water infrastructure • Larger minimum bill
	Does not promote sustainability (i.e. luxury water)
	Encourages overall usage beyond the SFUE (350 gpd)
	Higher peak demands
	No payment of impacts related to irrigation
	No ability to cut off irrigation meter during periods of drought

From a Customer's Perspective

Pros	Cons
Makes irrigation water more affordable	Eliminates ability to measure outdoor water usage
Mitigates impacts on lower income households	

EXAMPLES FROM OTHER UTILITIES

Utilities with Irrigation Meter Options

Spring Hill, TN	\$730 meter fee
Mallory Valley Utility District	
Milcrofton Utility District	\$4,925
HB & TS	\$500

Utilities with No Provision

Columbia Power & Water	Mt. Pleasant, TN
Johnson City, TN	Knoxville Utilities Board
Chattanooga, TN	

Utilities with Winter Averaging Models

Mt. Juliet, TN	Jan – April average
Metro Water Services	Jan – March average + 30% maximum sewer charges billed
Murfreesboro, TN	Nov- March, capped at 120%
Brentwood, TN	Nov – Feb average
Whitehouse, TN	Nov – March, excluding highest & lowest month



DISCUSSION



IRRIGATION WATER:

SANITARY SEWER WINTER PRICING MODEL

DECEMBER 10,
2019

MICHELLE HATCHER, PE,
DIRECTOR WATER
MANAGEMENT

MARK HILTY, ACA
PUBLIC WORKS

DISCUSSION OUTLINE

- Existing utility rate structure
- Proposed rate structure
- Examples from other utility districts
- Next steps
- Discussion

EXISTING UTILITY RATE STRUCTURE

- Water rates (potable water)
 - Inclining rate structure to capture costs associated with large demands caused by irrigation and other uses
 - Impact fee to pay for past and near-term future investments by the City. Based on 350 gal/day per sfue
- Sewer revenues associated with irrigation
 - Declining rate structure - acknowledges that increased water consumption can be associated with irrigation and other uses that may not enter the wastewater stream

SANITARY SEWER WINTER PRICING MODEL

- Proposed changes to the sanitary sewer rate structure
 - Winter average based on months consistent with the City's NPDES permit – November 1 through April 30
 - Summer volume equal to the lesser of metered water or winter average plus 30%
 - Eliminate the declining rate structure
 - Perform rate analysis to develop recommendations for 5 year horizon based on revenue impacts

Existing San. Sewer Rates (effective 1/01/2020)

Availability charge (1,000 gallons)	\$18.87
Next 14,000 gallons	\$6.27
All additional gallons	\$5.48

Proposed San. Sewer Rates (winter pricing)

Availability charge (1,000 gallons)	\$18.87
All additional gallons	\$6.27

SANITARY SEWER WINTER PRICING MODEL

- Proposed changes to water rate structure
 - Modify inclining rate consistent with volume of water anticipated in the impact fee (350 gpd – 10,500 gpm for 30 day month)
 - Perform rate analysis to develop recommendations for 5 year horizon based on revenue impacts

Existing Water (effective 1/01/2020)

Availability charge (1,000 gallons)	\$13.36
Next 9,000 gallons	\$5.18
Next 15,000 gallons	\$6.11
All additional gallons	\$7.04

Proposed Water Rates (winter pricing)

Availability charge (1,000 gallons)	\$13.36
Next 9,000 gallons	\$5.18
All additional gallons	\$7.04

EXAMPLES FROM OTHER UTILITIES

Utilities with Winter Averaging Models	
Mt. Juliet, TN	Jan – April average
Metro Water Services	Jan – March average + 30% maximum sewer charges billed
Murfreesboro, TN	Nov- March, capped at 120%
Brentwood, TN	Nov – Feb average
Whitehouse, TN	Nov – March, excluding highest & lowest month

NEXT STEPS

- Work with Revenue Management, Finance and IT to develop billing methodology
- Develop draft ordinance language to be considered by BOMA
- Engage rate consultant to perform rate analysis to develop recommendations for 5 year horizon based on revenue impacts

DISCUSSION

ORDINANCE 2018-17

TO BE ENTITLED: "AN ORDINANCE TO AMEND TITLE 12, CHAPTER 8 OF THE FRANKLIN MUNICIPAL CODE TO ADOPT THE INTERNATIONAL EXISTING BUILDING CODE, 2018 EDITION."

WHEREAS, for the purpose of promoting the public health, safety, comfort, convenience, and general welfare of the people of Franklin, the Board of Mayor and Aldermen of the City of Franklin is authorized to prescribe regulations and standards for the design, construction, and repair to buildings and structures within the City; and

WHEREAS, Tennessee Code Annotated Title 6, Chapter 54, Part 5 allows municipalities to adopt building codes by reference; and

WHEREAS, Tennessee Code Annotated Title 68, Chapter 120, requires that for cities that enforce their own building construction safety standards, the building codes adopted by reference must be current within seven years of the date of the latest editions; and

WHEREAS, Adoption of the 2018 International Existing Building Code is not required by the State of Tennessee to be adopted by municipalities that enforce their own codes for commercial buildings; and

WHEREAS, in its legislative judgment the Board of Mayor and Aldermen has found that building regulations and standards must be dynamic and modified from time to time to reflect changes in model codes, construction materials, recognized construction methods, and safety standards necessary to preserve and promote the private and public interest; and

NOW, THEREFORE, BE IT ORDAINED BY THE CITY OF FRANKLIN BOARD OF MAYOR AND ALDERMEN, AS FOLLOWS:

SECTION I. That Title 12, Chapter 8, Section 12-801 of the City of Franklin Municipal Code is hereby amended to delete the following text noted with a ~~strike through~~; to add the following text noted in **bold**; and is approved to read as follows:

12-801. Existing Building code adopted. (1) Pursuant to authority granted by Tennessee Code Annotated §§ 6-54-501, et seq., and for the purpose of securing the public safety, health and general welfare and safety to life and property from fire and other hazards incident to the construction, alteration, repair, removal, demolition, use and occupancy of buildings, structures or premises, the International Existing Building Code, ~~2012~~ **2018** edition, as published by the International Code Council, is hereby adopted and incorporated by reference as a part of this Code and is hereinafter referred to as the existing building code.

(2) Pursuant to authority granted by Tennessee Code Annotated, § 6-54-502(c), the Building and Neighborhood Services Director shall adopt administrative regulations to incorporate subsequent amendments to the International Existing Building Code, ~~2012~~ **2018** edition, as published by the International Code Council. These amendments shall be identified by the Building And Neighborhood Services Director as to date and source and shall take effect as provided in Tennessee Code Annotated, § 6-54-502 unless disapproved by resolution of the Board Of Mayor And Aldermen.

SECTION II. That Title 12, Chapter 8, Section 12-803 of the City of Franklin Municipal Code is hereby amended to delete the following text noted with a ~~strike through~~; to add the following text noted in **bold**; and is approved to read as follows:

12-803. Available in recorder's office. Pursuant to the requirements of Tennessee Code Annotated, § 6-54-502, one (1) copy of the building code with the above modifications has been placed on file in the recorder's office and shall be kept there for the use and inspection of the public. Administrative regulations adopting amendments to the International Existing Building Code, ~~2012~~ **2018** edition will be placed on file when they are published by the Building and Neighborhood Services Director, and at least fifteen (15) days before their effective date.

SECTION III. Severability. In the event that any section, clause, provision, or part of this ordinance shall be found and determined to be invalid by a court of competent jurisdiction, all valid parts that are severable full force and effect. If any part of this ordinance is found to be invalid in any one or more of its several applications, all valid applications that are severable from the invalid applications shall remain in effect.

SECTION IV. Repeal and Savings Clause. All ordinances or parts of ordinances in conflict herewith are hereby repealed; provided, however, that nothing herein contained shall affect any rights, actions or causes of action which shall have accrued to the City of Franklin prior to the effective date of this ordinance.

SECTION V: BE IT FINALLY ORDAINED BY THE BOARD OF MAYOR AND ALDERMEN OF THE CITY OF FRANKLIN, Tennessee, that this ordinance shall be in full force and in effect for any permit application received by the Building and Neighborhood Services Department on or after **January 1, 2019**, the health, safety and welfare of the citizens of Franklin, Tennessee, requiring it.

ATTEST:

CITY OF FRANKLIN, TENNESSEE:

By: _____
Eric S. Stuckey
City Administrator/Recorder

By: _____
Dr. Ken Moore
Mayor of Franklin

Approved as to Form:

Shauna R. Billingsley
City Attorney

PASSED FIRST READING

PASSED SECOND READING

ORDINANCE 2018-20

TO BE ENTITLED: “AN ORDINANCE TO AMEND TITLE 12, CHAPTER 5 OF THE FRANKLIN MUNICIPAL CODE TO ADOPT THE INTERNATIONAL PROPERTY MAINTENANCE CODE, 2018 EDITION.”

WHEREAS, for the purpose of promoting the public health, safety, comfort, convenience, and general welfare of the people of Franklin, the Board of Mayor and Aldermen of the City of Franklin is authorized to prescribe regulations securing the public safety, health, and general welfare through structural strength, stability, sanitation, adequate light and ventilation in dwellings, apartment houses, rooming houses, and other buildings within the City; and

WHEREAS, Tennessee Code Annotated Title 6, Chapter 54, Part 5 allows municipalities to adopt codes by reference; and

WHEREAS, in its legislative judgment the Board of Mayor and Aldermen has found that building regulations and standards must be dynamic and modified from time to time to reflect changes in model codes, construction materials, recognized construction methods, and safety standards necessary to preserve and promote the private and public interest; and

WHEREAS, Adoption of the 2018 International Property Maintenance Code is not required by the State of Tennessee to be adopted by municipalities.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY OF FRANKLIN BOARD OF MAYOR AND ALDERMEN, AS FOLLOWS:

SECTION I. That Title 12, Chapter 5, Section 12-501 of the City of Franklin Municipal Code is hereby amended to delete the following text noted with a ~~strike through~~; to add the following text noted in **bold**; and is approved to read as follows:

12-501. Property maintenance code adopted. (1) Pursuant to authority granted by Tennessee Code Annotated, §§ 6-54-501 through 6-54-506, and for the purpose of securing the public safety, health, and general welfare through structural strength, stability, sanitation, adequate light and ventilation in dwellings, apartment houses, rooming houses, and other buildings, the International Property Maintenance Code, ~~2012–2018~~ **2018** edition, as prepared and adopted by the International Code Council, is hereby adopted and incorporated by reference as a part of this Code and is hereinafter referred to as the Property Maintenance Code [6].

SECTION II. Severability. In the event that any section, clause, provision, or part of this ordinance shall be found and determined to be invalid by a court of competent jurisdiction, all valid parts that are severable full force and effect. If any part of this ordinance is found to be invalid in any one or more of its several applications, all valid applications that are severable from the invalid applications shall remain in effect.

SECTION III. Repeal and Savings Clause. All ordinances or parts of ordinances in conflict herewith are hereby repealed; provided, however, that nothing herein contained shall affect any rights, actions or causes of action which shall have accrued to the City of Franklin prior to the effective date of this ordinance.

SECTION IV: BE IT FINALLY ORDAINED BY THE BOARD OF MAYOR AND ALDERMEN OF THE CITY OF FRANKLIN, Tennessee, that this ordinance shall be in full force and in effect for any permit application received by the Building and Neighborhood Services Department on or after **January 1, 2019**, the health, safety, and welfare of the citizens of Franklin, Tennessee, requiring it.

ATTEST:

CITY OF FRANKLIN, TENNESSEE:

By: _____
Eric S. Stuckey
City Administrator/Recorder

By: _____
Dr. Ken Moore
Mayor of Franklin

Approved as to Form:

Misty Lavender Foy
Assistant City Attorney

PASSED FIRST READING

PASSED SECOND READING

ORDINANCE 2018-23, AS AMENDED

**TO BE ENTITLED: “AN ORDINANCE TO AMEND TITLE 12,
CHAPTER 7 OF THE FRANKLIN MUNICIPAL CODE TO
ADOPT THE INTERNATIONAL SWIMMING POOL AND
SPA CODE, 2018 EDITION.”**

WHEREAS, for the purpose of promoting the public health, safety, comfort, convenience, and general welfare of the people of Franklin, the Board of Mayor and Aldermen of the City of Franklin is authorized to prescribe regulations and standards for the design, construction, and repair to buildings and structures within the City; and

WHEREAS, Tennessee Code Annotated Title 6, Chapter 54, Part 5 allows municipalities to adopt building codes by reference; and

WHEREAS, adoption of the International Swimming Pool and Spa Code is not required by the State of Tennessee, it is recommended by the Building Official as the minimum code for commercial swimming pool installations; and

WHEREAS, in its legislative judgment the Board of Mayor and Aldermen has found that building regulations and standards must be dynamic and modified from time to time to reflect changes in model codes, construction materials, recognized construction methods, and safety standards necessary to preserve and promote the private and public interest; and

WHEREAS, many of the surrounding communities, have adopted or will adopt the 2018 International Code Council series of codes which allows builders, designers, and developers to reference one version of code books in the Middle Tennessee area.

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY OF FRANKLIN BOARD
OF MAYOR AND ALDERMEN, AS FOLLOWS:**

SECTION I. That Title 12, Chapter 7, Section 12-701 of the City of Franklin Municipal Code is hereby amended to delete section 12-701 in its entirety and is approved to read as follows:

12-101. Swimming pool code adopted. (1) Pursuant to authority granted by §§ 6-54-501 et seq. of the Tennessee Code Annotated and for the protection of the public health, welfare, and safety by prescribing minimum standards for the design, construction or installation, repair or alterations of swimming pools, public or private and equipment related thereto, the International Swimming Pool and Spa Code, 2018 edition, as prepared by the International Code Council, is hereby adopted and incorporated by reference as a part of this Code and is hereinafter referred to as the Swimming Pool code.

SECTION II. That Title 12, Chapter 7, Section 12-702 of the City of Franklin Municipal Code is hereby deleted in its entirety.

SECTION III. Severability. In the event that any section, clause, provision, or part of this ordinance shall be found and determined to be invalid by a court of competent jurisdiction, all valid parts that are severable full force and effect. If any part of this ordinance is found to be invalid in any one or more of its several applications, all valid applications that are severable from the invalid applications shall remain in effect.

SECTION IV. Repeal and Savings Clause. All ordinances or parts of ordinances in conflict herewith are hereby repealed; provided, however, that nothing herein contained shall affect any rights, actions or causes of action which shall have accrued to the City of Franklin prior to the effective date of this ordinance.

SECTION V: BE IT FINALLY ORDAINED BY THE BOARD OF MAYOR AND ALDERMEN OF THE CITY OF FRANKLIN, Tennessee, that this ordinance shall be in full force and in effect for any permit application received by the Building and Neighborhood Services Department on or after **January 1, 2019**, the health, safety, and welfare of the citizens of Franklin, Tennessee, requiring it.

ATTEST:

CITY OF FRANKLIN, TENNESSEE:

By: _____
Eric S. Stuckey
City Administrator/Recorder

By: _____
Dr. Ken Moore
Mayor of Franklin

Approved as to Form:

Shauna R. Billingsley
City Attorney

PASSED FIRST READING, AS
AMENDED

_____ 09/11/2018 _____

PASSED SECOND READING

ORDINANCE 2018-25

TO BE ENTITLED: “AN ORDINANCE TO AMEND TITLE 7, CHAPTER 5 OF THE FRANKLIN MUNICIPAL CODE TO ADOPT THE NFPA 101 LIFE SAFETY CODE, 2018 EDITION.”

WHEREAS, for the purpose of promoting the public health, safety, comfort, convenience, and general welfare of the people of Franklin, the Board of Mayor and Aldermen of the City of Franklin is authorized to prescribe regulations and standards for the design, construction, and repair to buildings and structures within the City; and

WHEREAS, Tennessee Code Annotated Title 6, Chapter 54, Part 5 allows municipalities to adopt building codes by reference; and

WHEREAS, Tennessee Code Annotated Title 68, Chapter 120, requires that for cities that enforce their own building construction safety standards, the building codes adopted by reference must be current within seven years of the date of the latest editions; and

WHEREAS, in its legislative judgment the Board of Mayor and Aldermen has found that building regulations and standards must be dynamic and modified from time to time to reflect changes in model codes, construction materials, recognized construction methods, and safety standards necessary to preserve and promote the private and public interest; and

NOW, THEREFORE, BE IT ORDAINED BY THE CITY OF FRANKLIN BOARD OF MAYOR AND ALDERMEN, AS FOLLOWS:

SECTION 1. That Title 7, Chapter 5, Section 7-501 of the City of Franklin Municipal Code is hereby amended to delete the following text noted with a ~~strike through~~; to add the following text noted in **bold**; and is approved to read as follows:

7-501. Life Safety Code adopted. (1) Pursuant to authority granted by Tennessee Code Annotated, §§ 6-54-501 et seq., and for the purpose of prescribing regulations governing the design, operation, and maintenance of buildings and other structures for safety to life from fire and similar emergencies, the NFPA 101, Life Safety Code, ~~2012~~ **2018** edition with any subsequent amendments or revisions that may be added, or as replaced by any later editions, as prepared by the National Fire Protection Association, is hereby adopted by reference and included herein as part of this Code. Pursuant to the requirement of Tennessee Code Annotated, § 6-54-502, one copy of said NFPA 101, Life Safety Code has been filed with the recorder and is available for public use and inspection.

(2) Pursuant to authority granted by Tennessee Code Annotated, § 6-54-502(c), the fire chief or his designee shall adopt administrative regulations to incorporate subsequent amendments to the NFPA Life Safety Code, ~~2012~~ **2018** edition. These amendments shall be identified by the fire chief as to date and source and shall take effect as provided in Tennessee Code Annotated, § 6-54-502, unless disapproved by resolution of the board of mayor and aldermen. Administrative regulations adopting amendments to the International Fire Code, ~~2012~~ **2018** edition will be placed on file at the city recorder's office when they are published by the fire chief, and at least 15 days before their effective date.

SECTION II. Severability. In the event that any section, clause, provision, or part of this ordinance shall be found and determined to be invalid by a court of competent jurisdiction, all valid parts that are severable full force and effect. If any part of this ordinance is found to be invalid in any one or more of its several applications, all valid applications that are severable from the invalid applications shall remain in effect.

SECTION III. Repeal and Savings Clause. All ordinances or parts of ordinances in conflict herewith are hereby repealed; provided, however, that nothing herein contained shall affect any rights, actions or causes of action which shall have accrued to the City of Franklin prior to the effective date of this ordinance.

SECTION IV: BE IT FINALLY ORDAINED BY THE BOARD OF MAYOR AND ALDERMEN OF THE CITY OF FRANKLIN, Tennessee, that this ordinance shall be in full force and in effect for any permit application received by the Building and Neighborhood Services Department on or after **January 1, 2019**, for the health, safety and welfare of the citizens of Franklin, Tennessee requiring it.

ATTEST:

CITY OF FRANKLIN, TENNESSEE:

By: _____
Eric S. Stuckey
City Administrator/Recorder

By: _____
Dr. Ken Moore
Mayor

Approved as to Form:

Shauna Billingsley
City Attorney

PASSED FIRST READING

PASSED SECOND READING
