

FINANCIAL STATUS REPORT

Year-To-Date through December 31, 2016



City of Austin | Austin Water
P.O. Box 1088 Austin, TX 78767
AustinWater.org

MEMORANDUM

To: Greg Meszaros, Director, Austin Water
From: David Anders, Assistant Director, Austin Water
Date: January 24, 2017
Subject: Financial Status Report for the Period Ended December 31, 2016

Attached is Austin Water's Financial Status Report. The combined fund balance at the end of December was $139.27 million, or $12.15 million more than projected, as detailed in the Executive Summary. The beginning balance was $3.95 million more than projected, fiscal year requirements were $2.23 million below budget, and revenues and transfers in were $5.97 million above projections.

After recovering from a record breaking drought, the lake system has improved at 99% full at the end of December. The City remains in Conservation Stage watering restrictions to conserve availability and protect the integrity of water supply. Water service revenues are $5.52 million above projections and wastewater service revenues are $0.49 below projections this fiscal year. The Executive Summary includes more discussion of revenue and requirements highlights.

Actual spending for operating requirements was below budget by $0.65 million, and spending for other requirements was below budget by $0.37 million. Payments for debt service requirements were below budget by $0.68 million, and transfers out were below budget by $0.54 million. The extent of these variances by program is discussed in the Executive Summary and detail pages.

In addition to the Executive Summary and Fund Summary, this report provides detailed analysis of Revenues, Operating Requirements, Outstanding Debt and Debt Service Requirements, Customer Demand Characteristics, Transfers Out, CIP Expenditures, and Cash Balances.

Please feel free to contact me should you have any questions.

Attachments

cc: Robert Goode, Assistant City Manager
Greg Cannally, Interim Chief Financial Officer, Financial Services
Assistant Directors, Austin Water
Division Managers, Austin Water

The City of Austin is committed to compliance with the Americans with Disabilities Act (ADA). Reasonable modifications and equal access to communications will be provided upon request.

Financial Status Report
Table of Contents

Executive Summary ES-1

Fund Summary 1

Revenues **8**

Water Service Revenues by Month and Class 9
Wastewater Service Revenues by Month and Class 11
Reclaimed Service Revenues by Month 13
Miscellaneous Revenues 14
Interest Income 15

Operating Requirements **16**

Operating Requirements by Month 17
Operating Requirements by Program Year-to-Date 18
Operating Key Object Codes Year-to-Date 19

Debt Outstanding & Debt Service **20**

Debt Outstanding by Type 21
Debt Service by Month 22
Debt Service Coverage 23
Percent of Equity in Utility Systems 24

Customer Demand Characteristics **25**

Number of Water and Wastewater Customers by Month 26
Rainfall and Temperature by Month 27
Water Pumpage and Wastewater Influent Flow by Month 28
Billed Water Consumption by Month and Class 29
Average Inside-City Residential Consumption 31
Billed Wastewater Flows by Month and Class 32
Average Inside-City Residential Flows 34

Other Reporting **35**

Transfer Out by Month and by Type 36
CIP Expenditures by Month and by Fund 37
Cash Balances for Operating, CIP, and CRF 38
CRF Collections by Month 39

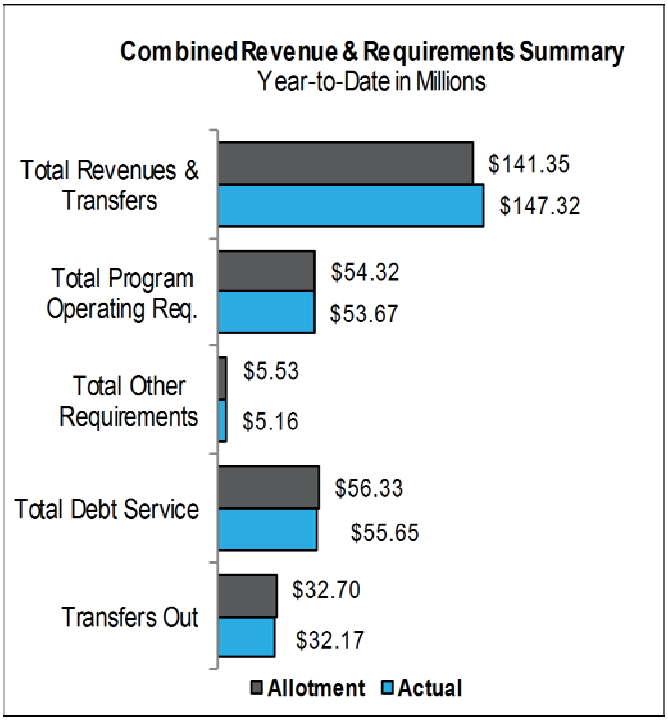
Executive Summary

Year-To-Date through December 31, 2016

The Combined Water, Reclaimed Water, and Wastewater Operating Fund balance as of December 31, 2016, was $139.27 million. The combined balance was $12.15 million more than projected for this date, as shown below:

	YTD		
	Allotment	Actual	Difference
Beginning Balance	$ 134.66	$ 138.61	$ 3.95
Water Services	$ 69.38	$ 74.90	$ 5.52
Wastewater Services	66.56	66.07	(0.49)
Reclaimed Services	0.61	0.25	(0.36)
Reserve Fund Surcharge	1.78	1.80	0.02
Other Revenues	1.87	3.15	1.28
Transfers In	1.15	1.15	0.00
Total Revenues & Transfers	$ 141.35	$ 147.32	$ 5.97
Total Program Operating Rec	$ 54.32	$ 53.67	$ 0.65
Total Other Requirements	5.53	5.16	0.37
Total Debt Service	56.33	55.65	0.68
Transfers Out	32.70	32.17	0.54
Total Revenue Requirements	$ 148.88	$ 146.65	$ 2.23
Ending balance	$ 127.13	$ 139.27	$ 12.15
Debt Service Coverage	1.36	1.50	

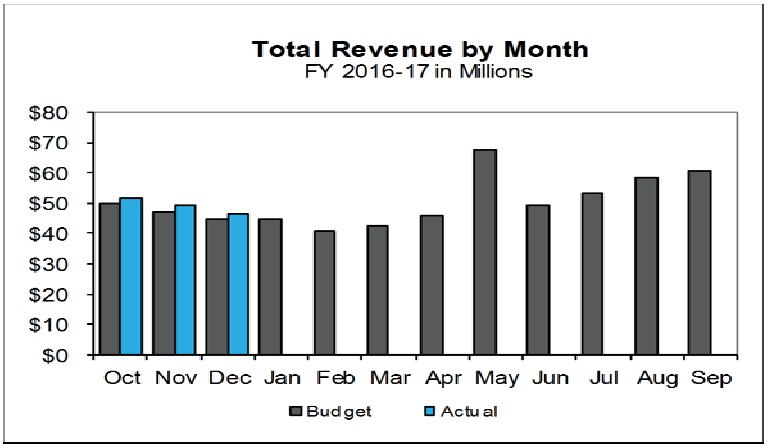
Note: Numbers may not add due to rounding.

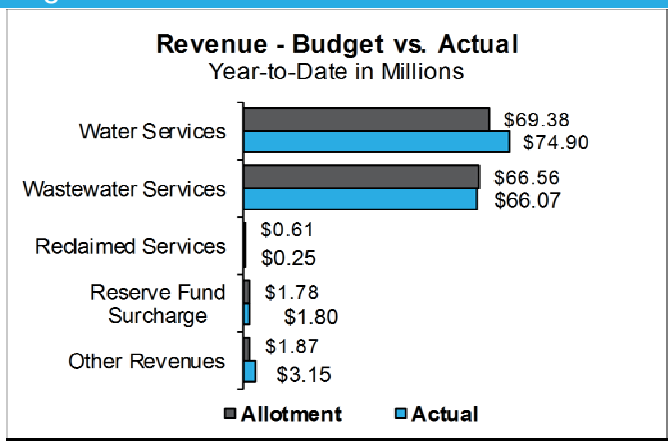


Revenue Highlights

Total revenues for the fiscal year were $147.32 million. This is $5.97 million or 4.2% more than projected.

- Water services were $74.90 million, or 7.9% above projections.
- Wastewater services were $66.07 million, or 0.7% below projections.
- Reclaimed services were $0.25 million, or 59.5% below projections.
- Reserve fund surcharge was $1.80 million, or 0.9% above projections.
- Other revenues, including miscellaneous and interest income totaled $3.15 million, or 69.6% more than projected.
- Transfers In were $1.15 million, or equal to projections.





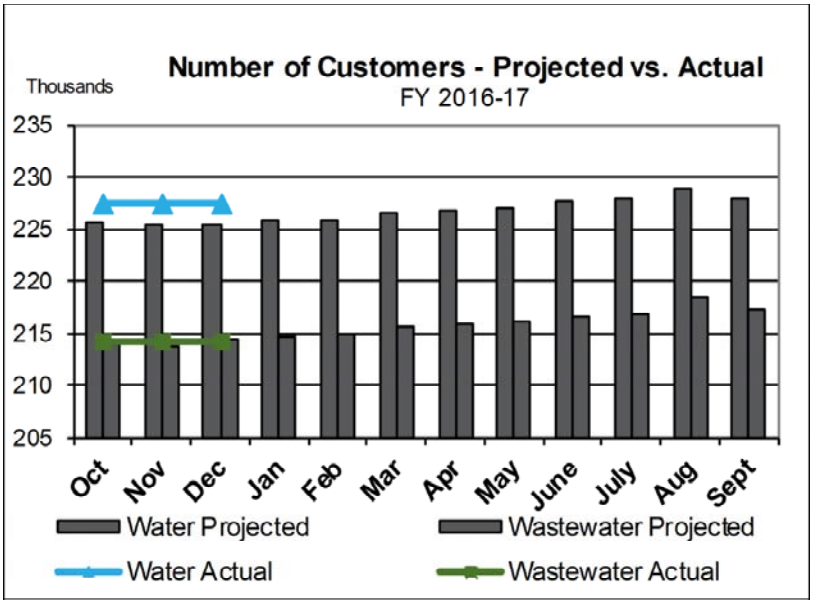
Year-to-date Water Services revenues were above projections in all five customer classes, with Residential and Multifamily driving most of the increase by 9.4% and 11.7%, respectively.

Wastewater Services were below projections in the Commercial and Residential customer classes by 8.0% and 1.5%, respectively. This offset increases in the other customer classes.

Revenues and Transfers In for December were $46.48 million or 3.9% above projections.

User Characteristics

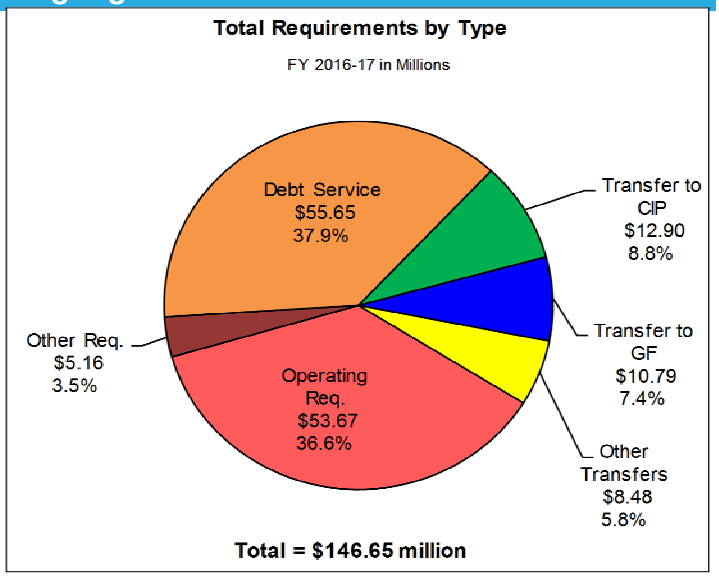
	Projected	Actual
Water Customers	225,416	227,517
Wastewater Customers	214,420	214,320
Monthly Pumpage	3.17	3.31
YTD Pumpage	10.23	11.08
Monthly Billed Use	2.89	3.02
YTD Billed Use	9.65	10.03
Monthly Influent Flow	3.49	2.96
YTD Influent Flow	10.40	8.71
Monthly Billed Flow	2.29	2.26
YTD Billed Flow	6.90	6.85
(Above in Billions of Gallons)		
Avg. Residential Use (gal)	4,900	4,880
Avg. Residential Flow (gal)	4,024	3,749

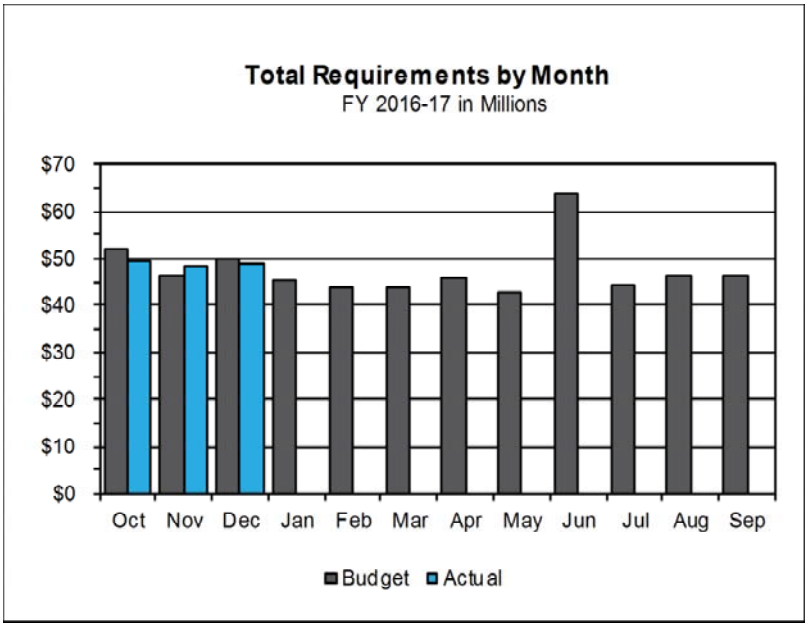


Requirement Highlights

Total requirements for the fiscal year were $146.65 million. This is $2.23 million, or 1.5%, less than the budget. The graph at the right shows the proportions of these requirements to the whole.

- Total program operating requirements were $53.67 million, or 1.2% less than budgeted.
- Total other requirements were $5.16 million, or 6.8% less than budgeted.
- Debt service requirements were $55.65 million, or 1.2% less than budgeted.
- Transfers out consists of transfers to Capital Improvement Projects, General Fund, and Other Transfers. These total $32.17 million, or 1.6% less than budgeted.





The Support Services and Treatment program areas had higher expenditures than projected. But, these areas were more than offset by lower than projected expenditures in the other program areas.

Pages 18 and 19 provide details on variances in spending by program area and object code.

Total Requirements were $48.77 million for the month, or $1.42 million, 2.8% less than the budget allotment.

City of Austin, Texas
Austin Water
FUND SUMMARY - COMBINED
As of December 2016

	2016-17 APPROVED	2016-17 AMENDED	BUDGET ALLOTMENT	YTD ACTUAL W/ ENCUMB	YTD VARIANCE	% VARIANCE
BEGINNING BALANCE	134,661,011	134,661,011	134,661,011	138,607,619	3,946,608	2.9%
REVENUE						
Water Revenue	291,381,890	291,381,890	69,383,621	74,898,450	5,514,829	7.9%
Wastewater Revenue	271,521,805	271,521,805	66,563,432	66,071,084	(492,348)	-0.7%
Reserve Fund Surcharge	7,295,119	7,295,119	1,777,804	1,793,747	15,943	0.9%
Other Revenue	5,471,824	5,471,824	1,367,959	1,962,223	594,264	43.4%
Reclaimed Revenue	2,505,414	2,505,414	613,686	248,770	(364,916)	-59.5%
Interest	656,731	656,731	164,181	420,402	256,221	156.1%
Public Health Licenses, Permits, Inspections	556,300	556,300	139,078	203,142	64,064	46.1%
Other Fines	371,200	371,200	92,799	213,250	120,451	129.8%
Miscellaneous Franchise Fees	147,300	147,300	36,829	16,091	(20,738)	-56.3%
Building Rental/Lease	127,700	127,700	31,923	30,168	(1,755)	-5.5%
Land & Infrastructure Rental/Lease	68,500	68,500	17,128	16,500	(628)	-3.7%
Scrap Sales	39,900	39,900	9,975	9,783	(192)	-1.9%
Development Fees	0	0	0	282,427	282,427	0.0%
Parking Revenue	0	0	0	1,035	1,035	0.0%
Total Revenue	**580,143,683**	**580,143,683**	**140,198,415**	**146,167,072**	**5,968,657**	**4.3%**
TRANSFERS IN						
CIP	20,164,000	20,164,000	0	0	0	0.0%
Austin Water Utility	3,400,000	3,400,000	850,002	849,985	(17)	0.0%
Support Services/Infrastructure Funds	300,582	300,582	300,582	300,582	0	0.0%
Austin Resource Recovery Fund	130,431	130,431	0	0	0	0.0%
Total Transfers In	**23,995,013**	**23,995,013**	**1,150,584**	**1,150,567**	**(17)**	**0.0%**
TOTAL AVAILABLE FUNDS	**604,138,696**	**604,138,696**	**141,348,999**	**147,317,639**	**5,968,640**	**4.2%**
PROGRAM REQUIREMENTS						
Treatment	77,716,518	77,716,518	19,991,184	21,724,258	(1,733,074)	-8.7%
Pipeline Operations	44,566,176	44,566,176	12,034,208	11,783,940	250,268	2.1%
Support Services	25,836,064	25,836,064	7,388,975	8,664,439	(1,275,465)	-17.3%
Other Utility Program Requirements	15,485,000	15,485,000	4,905,297	3,330,713	1,574,584	32.1%
Environmental Affairs & Conservation	12,009,453	12,009,453	3,297,324	3,025,510	271,814	8.2%
Engineering Services	11,864,771	11,864,771	4,014,299	2,865,505	1,148,794	28.6%
Water Resources Management	8,591,611	8,591,611	2,379,788	2,034,076	345,712	14.5%
One Stop Shop	723,634	723,634	196,865	160,326	36,539	18.6%
Reclaimed Water Services	416,789	416,789	109,633	85,433	24,200	22.1%
Total Program Requirements	**197,210,016**	**197,210,016**	**54,317,573**	**53,674,201**	**643,372**	**1.2%**
OTHER REQUIREMENTS						
Utility Billing System Support	20,401,455	20,401,455	5,100,364	5,100,363	1	0.0%
Market Study Adjustment	1,495,639	1,495,639	373,910	0	373,910	100.0%
Accrued Payroll	318,547	318,547	0	0	0	0.0%
Interdepartmental Charges	169,190	169,190	42,238	42,290	(52)	-0.1%
Trf to PID Fund	75,000	75,000	18,750	18,750	0	0.0%
Total Other Requirements	**22,459,831**	**22,459,831**	**5,535,261**	**5,161,403**	**373,859**	**6.8%**
DEBT SERVICE REQUIREMENTS						
Trf to Util D/S Separate Lien	152,966,772	152,966,772	43,441,019	42,766,758	674,261	1.6%
Trf to Utility D/S Prior Lien	38,802,555	38,802,555	9,705,766	9,701,870	3,896	0.0%
Trf to Utility D/S Sub Lien	8,807,516	8,807,516	2,206,169	2,210,629	(4,460)	-0.2%
Trf to GO Debt Service	3,620,142	3,620,142	905,036	905,036	0	0.0%
Trf to Util D/S Tax/Rev Bonds	645,526	645,526	0	0	0	0.0%
Commercial paper interest	280,669	280,669	70,167	68,208	1,959	2.8%
Total Debt Service Requirements	**205,123,180**	**205,123,180**	**56,328,158**	**55,652,500**	**675,657**	**1.2%**

City of Austin, Texas
Austin Water
FUND SUMMARY - COMBINED
As of December 2016

	2016-17 APPROVED	2016-17 AMENDED	BUDGET ALLOTMENT	YTD ACTUAL W/ ENCUMB	YTD VARIANCE	% VARIANCE
TRANSFERS OUT						
Trf to General Fund	42,876,568	42,876,568	10,791,568	10,791,568	0	0.0%
Trf to Wastewater CIP Fund	29,200,000	29,200,000	7,159,000	7,159,000	0	0.0%
Trf to Water CIP Fund	22,000,000	22,000,000	5,242,000	5,242,000	0	0.0%
TRF CRF to Debt Defeasance	15,000,000	15,000,000	0	0	0	0.0%
Administrative Support	12,485,620	12,485,620	3,206,530	3,206,530	0	0.0%
Trf to Water Revenue Stab Rsv	9,295,119	9,295,119	2,323,779	1,793,747	530,032	22.8%
CTM Support	4,127,580	4,127,580	1,033,965	1,033,965	0	0.0%
Trf to Reclaimed Water Fund	3,400,000	3,400,000	849,985	849,985	0	0.0%
Trf to Economic Development	2,928,899	2,928,899	740,954	740,954	0	0.0%
Trf to Reclaimed Water CIP Fnd	2,000,000	2,000,000	490,000	490,000	0	0.0%
Trf to CIP Mgm - CPM (5460)	1,813,549	1,813,549	481,144	481,144	0	0.0%
Workers' Compensation	1,213,237	1,213,237	303,319	303,319	0	0.0%
Regional Radio System	253,605	253,605	63,390	63,390	0	0.0%
CTECC Support	10,622	10,622	10,622	10,622	0	0.0%
Total Transfers Out	**146,604,799**	**146,604,799**	**32,696,256**	**32,166,224**	**530,032**	**1.6%**
TOTAL REQUIREMENTS	**571,397,826**	**571,397,826**	**148,877,248**	**146,654,329**	**2,222,920**	**1.5%**
EXCESS (DEFICIENCY) OF TOTAL AVAILABLE FUNDS OVER TOTAL REQUIREMENTS	32,740,870	32,740,870	(7,528,249)	663,311	8,191,560	**-108.8%**
ENDING BALANCE	**167,401,881**	**167,401,881**	**127,132,762**	**139,270,930**	**12,138,168**	**9.5%**

Note: Numbers may not add due to rounding.

DEBT SERVICE COVERAGE RATIO	1.70	1.70		1.50		

City of Austin, Texas
Austin Water
FUND SUMMARY - WATER
As of December 2016

	2016-17 APPROVED	2016-17 AMENDED	BUDGET ALLOTMENT	YTD ACTUAL W/ ENCUMB	YTD VARIANCE	% VARIANCE
BEGINNING BALANCE	62,508,631	62,508,631	62,508,631	63,703,309	1,194,678	1.9%
REVENUE						
Water Revenue	291,381,890	291,381,890	69,383,621	74,898,450	5,514,829	7.9%
Reserve Fund Surcharge	7,295,119	7,295,119	1,777,804	1,793,747	15,943	0.9%
Other Revenue	2,344,036	2,344,036	586,012	695,483	109,471	18.7%
Other Fines	371,200	371,200	92,799	213,250	120,451	129.8%
Interest	305,258	305,258	76,314	192,534	116,220	152.3%
Miscellaneous Franchise Fees	107,300	107,300	26,826	16,091	(10,735)	-40.0%
Land & Infrastructure Rental/Lease	68,500	68,500	17,128	16,500	(628)	-3.7%
Building Rental/Lease	63,400	63,400	15,853	15,084	(769)	-4.9%
Public Health Licenses, Permits, Inspections	26,800	26,800	6,703	14,565	7,862	117.3%
Scrap Sales	23,500	23,500	5,874	4,891	(983)	-16.7%
Property Sales	0	0	0	0	0	0.0%
Development Fees	0	0	0	281,352	281,352	0.0%
Parking Revenue	0	0	0	1,035	1,035	0.0%
Total Revenue	**301,987,003**	**301,987,003**	**71,988,934**	**78,142,983**	**6,154,049**	**8.5%**
TRANSFERS IN						
CIP	14,914,000	14,914,000	0	0	0	0.0%
Support Services/Infrastructure Funds	150,291	150,291	150,291	150,291	0	0.0%
Total Transfers In	**15,064,291**	**15,064,291**	**150,291**	**150,291**	**0**	**0.0%**
TOTAL AVAILABLE FUNDS	**317,051,294**	**317,051,294**	**72,139,225**	**78,293,274**	**6,154,049**	**8.5%**
PROGRAM REQUIREMENTS						
Treatment	38,063,429	38,063,429	9,557,043	10,877,424	(1,320,381)	-13.8%
Pipeline Operations	25,877,347	25,877,347	6,983,551	6,892,561	90,990	1.3%
Support Services	13,002,785	13,002,785	3,682,110	4,321,235	(639,126)	-17.4%
Environmental Affairs & Conservation	9,022,829	9,022,829	2,518,356	2,215,817	302,539	12.0%
Other Utility Program Requirements	8,548,898	8,548,898	2,451,517	1,532,481	919,036	37.5%
Engineering Services	4,912,562	4,912,562	1,175,883	921,614	254,269	21.6%
Water Resources Management	4,031,644	4,031,644	1,142,581	949,543	193,038	16.9%
One Stop Shop	250,758	250,758	70,435	62,745	7,689	10.9%
Total Program Requirements	**103,710,252**	**103,710,252**	**27,581,475**	**27,773,419**	**(191,945)**	**-0.7%**
OTHER REQUIREMENTS						
Utility Billing System Support	12,854,313	12,854,313	3,213,578	3,213,577	1	0.0%
Market Study Adjustment	987,309	987,309	246,827	0	246,827	100.0%
Accrued Payroll	182,510	182,510	0	0	0	0.0%
Interdepartmental Charges	84,595	84,595	21,119	21,145	(26)	-0.1%
Trf to PID Fund	37,500	37,500	9,375	9,375	0	0.0%
Total Other Requirements	**14,146,227**	**14,146,227**	**3,490,899**	**3,244,097**	**246,802**	**7.1%**
DEBT SERVICE REQUIREMENTS						
Trf to Util D/S Separate Lien	84,097,430	84,097,430	23,054,383	22,411,431	642,952	2.8%
Tfr to Utility D/S Prior Lien	18,082,574	18,082,574	4,520,919	4,521,022	(103)	0.0%
Tfr to Utility D/S Sub Lien	4,912,497	4,912,497	1,227,924	1,232,395	(4,470)	-0.4%
Trf to GO Debt Service	1,643,406	1,643,406	410,852	410,852	0	0.0%
Tfr to Util D/S Tax/Rev Bonds	238,871	238,871	0	0	0	0.0%
Commercial paper interest	138,030	138,030	34,508	17,709	16,799	48.7%
Total Debt Service Requirements	**109,112,808**	**109,112,808**	**29,248,586**	**28,593,408**	**655,177**	**2.2%**

City of Austin, Texas
Austin Water
FUND SUMMARY - WATER
As of December 2016

	2016-17 APPROVED	2016-17 AMENDED	BUDGET ALLOTMENT	YTD ACTUAL W/ ENCUMB	YTD VARIANCE	% VARIANCE
TRANSFERS OUT						
Trf to General Fund	22,587,681	22,587,681	5,646,981	5,646,981	0	0.0%
Trf to Water CIP Fund	22,000,000	22,000,000	5,242,000	5,242,000	0	0.0%
TRF CRF to Debt Defeasance	9,750,000	9,750,000	0	0	0	0.0%
Trf to Water Revenue Stab Rsv	9,295,119	9,295,119	2,323,779	1,793,747	530,032	22.8%
Administrative Support	7,264,361	7,264,361	1,816,076	1,816,076	0	0.0%
CTM Support	2,071,106	2,071,106	517,751	517,751	0	0.0%
Trf to Reclaimed Water Fund	1,700,000	1,700,000	424,970	424,970	0	0.0%
Trf to Economic Development	1,549,387	1,549,387	387,307	387,307	0	0.0%
Trf to CIP Mgm - CPM (5460)	1,173,937	1,173,937	293,467	293,467	0	0.0%
Workers' Compensation	606,619	606,619	151,669	151,669	0	0.0%
Regional Radio System	253,605	253,605	63,390	63,390	0	0.0%
CTECC Support	5,311	5,311	5,311	5,311	0	0.0%
Total Transfers Out	**78,257,126**	**78,257,126**	**16,872,701**	**16,342,669**	**530,032**	**3.1%**
TOTAL REQUIREMENTS	**305,226,413**	**305,226,413**	**77,193,661**	**75,953,594**	**1,240,067**	**1.6%**
EXCESS (DEFICIENCY) OF TOTAL AVAILABLE FUNDS OVER TOTAL REQUIREMENTS	11,824,881	11,824,881	(5,054,436)	2,339,680	7,394,116	-146.3%
ENDING BALANCE	**74,333,512**	**74,333,512**	**57,454,195**	**66,042,989**	**8,588,794**	**14.9%**

Note: Numbers may not add due to rounding.

DEBT SERVICE COVERAGE RATIO	1.61	1.61		1.57		

City of Austin, Texas
Austin Water
FUND SUMMARY - RECLAIMED
As of December 2016

	2016-17 APPROVED	2016-17 AMENDED	BUDGET ALLOTMENT	YTD ACTUAL W/ ENCUMB	YTD VARIANCE	% VARIANCE
BEGINNING BALANCE	692,546	692,546	692,546	386,954	(305,592)	-44.1%
REVENUE						
Reclaimed Services	2,505,414	2,505,414	613,686	248,770	(364,916)	-59.5%
Interest	5,071	5,071	1,269	3,806	2,537	199.9%
Total Revenue	**2,510,485**	**2,510,485**	**614,955**	**252,576**	**(362,379)**	**-58.9%**
TRANSFERS IN						
Austin Water Utility	3,400,000	3,400,000	850,002	849,985	(17)	0.0%
Total Transfers In	**3,400,000**	**3,400,000**	**850,002**	**849,985**	**(17)**	**0.0%**
TOTAL AVAILABLE FUNDS	**5,910,485**	**5,910,485**	**1,464,957**	**1,102,561**	**(362,396)**	**-24.7%**
PROGRAM REQUIREMENTS						
Reclaimed Water Services	416,789	416,789	109,633	85,433	24,200	22.1%
Other Utility Program Requirements	23,768	23,768	2,514	6,068	(3,554)	-141.4%
Total Program Requirements	**440,557**	**440,557**	**112,146**	**91,501**	**20,645**	**18.4%**
OTHER REQUIREMENTS						
Accrued Payroll	946	946	0	0	0	0.0%
Total Other Requirements	**946**	**946**	**0**	**0**	**0**	**0.0%**
DEBT SERVICE REQUIREMENTS						
Trf to Util D/S Separate Lien	2,177,736	2,177,736	650,984	651,083	(99)	0.0%
Commercial paper interest	27,289	27,289	6,822	30,511	(23,688)	-347.2%
Total Debt Service Requirements	**2,205,025**	**2,205,025**	**657,806**	**681,594**	**(23,787)**	**-3.6%**
TRANSFERS OUT						
Trf to Reclaimed Water CIP Fnd	2,000,000	2,000,000	490,000	490,000	0	0.0%
Administrative Support	113,506	113,506	113,506	113,506	0	0.0%
Trf to General Fund	96,883	96,883	96,883	96,883	0	0.0%
Trf to CIP Mgm - CPM (5460)	37,076	37,076	37,076	37,076	0	0.0%
Trf to Economic Development	11,716	11,716	11,716	11,716	0	0.0%
CTM Support	2,789	2,789	2,789	2,789	0	0.0%
Total Transfers Out	**2,261,970**	**2,261,970**	**751,970**	**751,970**	**0**	**0.0%**
TOTAL REQUIREMENTS	**4,908,498**	**4,908,498**	**1,521,922**	**1,525,064**	**(3,142)**	**-0.2%**
EXCESS (DEFICIENCY) OF TOTAL AVAILABLE FUNDS OVER TOTAL REQUIREMENTS	1,001,987	1,001,987	(56,965)	(422,504)	(365,538)	641.7%
ENDING BALANCE	**1,694,533**	**1,694,533**	**635,581**	**(35,550)**	**(671,130)**	**-105.6%**

Note: Numbers may not add due to rounding.

DEBT SERVICE COVERAGE RATIO	0.88	0.88		0.01		

City of Austin, Texas
Austin Water
FUND SUMMARY - WASTEWATER
As of December 2016

	2016-17 APPROVED	2016-17 AMENDED	BUDGET ALLOTMENT	YTD ACTUAL W/ ENCUMB	YTD VARIANCE	% VARIANCE
BEGINNING BALANCE	71,459,834	71,459,834	71,459,834	74,517,356	3,057,522	4.3%
REVENUE						
Wastewater Revenue	271,521,805	271,521,805	66,563,432	66,071,084	(492,348)	-0.7%
Other Revenue	3,127,788	3,127,788	781,947	1,266,740	484,793	62.0%
Public Health Licenses, Permits, Inspections	529,500	529,500	132,375	188,577	56,202	42.5%
Interest	346,402	346,402	86,598	224,063	137,465	158.7%
Building Rental/Lease	64,300	64,300	16,070	15,084	(986)	-6.1%
Miscellaneous Franchise Fees	40,000	40,000	10,003	0	(10,003)	-100.0%
Scrap Sales	16,400	16,400	4,101	4,891	790	19.3%
Development Fees	0	0	0	1,075	1,075	0.0%
Total Revenue	**275,646,195**	**275,646,195**	**67,594,526**	**67,771,514**	**176,988**	**0.3%**
TRANSFERS IN						
CIP	5,250,000	5,250,000	0	0	0	0.0%
Support Services/Infrastructure Funds	150,291	150,291	150,291	150,291	0	0.0%
Austin Resource Recovery Fund	130,431	130,431	0	0	0	0.0%
Total Transfers In	**5,530,722**	**5,530,722**	**150,291**	**150,291**	**0**	**0.0%**
TOTAL AVAILABLE FUNDS	**281,176,917**	**281,176,917**	**67,744,817**	**67,921,805**	**176,988**	**0.3%**
PROGRAM REQUIREMENTS						
Treatment	39,653,089	39,653,089	10,434,141	10,846,835	(412,694)	-4.0%
Pipeline Operations	18,688,829	18,688,829	5,050,657	4,891,379	159,278	3.2%
Support Services	12,833,279	12,833,279	3,706,865	4,343,205	(636,340)	-17.2%
Engineering Services	6,952,209	6,952,209	2,838,416	1,943,891	894,526	31.5%
Other Utility Program Requirements	6,912,334	6,912,334	2,451,267	1,792,165	659,102	26.9%
Water Resources Management	4,559,967	4,559,967	1,237,207	1,084,534	152,674	12.3%
Environmental Affairs & Conservation	2,986,624	2,986,624	778,969	809,694	(30,725)	-3.9%
One Stop Shop	472,876	472,876	126,431	97,580	28,850	22.8%
Total Program Requirements	**93,059,207**	**93,059,207**	**26,623,952**	**25,809,282**	**814,670**	**3.1%**
OTHER REQUIREMENTS						
Utility Billing System Support	7,547,142	7,547,142	1,886,785	1,886,786	(0)	0.0%
Market Study Adjustment	508,330	508,330	127,083	0	127,083	100.0%
Accrued Payroll	135,091	135,091	0	0	0	0.0%
Interdepartmental Charges	84,595	84,595	21,119	21,145	(26)	-0.1%
Trf to PID Fund	37,500	37,500	9,375	9,375	0	0.0%
Total Other Requirements	**8,312,658**	**8,312,658**	**2,044,362**	**1,917,306**	**127,056**	**6.2%**
DEBT SERVICE REQUIREMENTS						
Trf to Util D/S Separate Lien	66,691,606	66,691,606	19,735,652	19,704,244	31,408	0.2%
Tfr to Utility D/S Prior Lien	20,719,981	20,719,981	5,184,847	5,180,848	3,999	0.1%
Tfr to Utility D/S Sub Lien	3,895,019	3,895,019	978,245	978,234	11	0.0%
Trf to GO Debt Service	1,976,736	1,976,736	494,184	494,184	0	0.0%
Tfr to Util D/S Tax/Rev Bonds	406,655	406,655	0	0	0	0.0%
Commercial paper interest	115,350	115,350	28,838	19,989	8,849	30.7%
Total Debt Service Requirements	**93,805,347**	**93,805,347**	**26,421,766**	**26,377,498**	**44,267**	**0.2%**

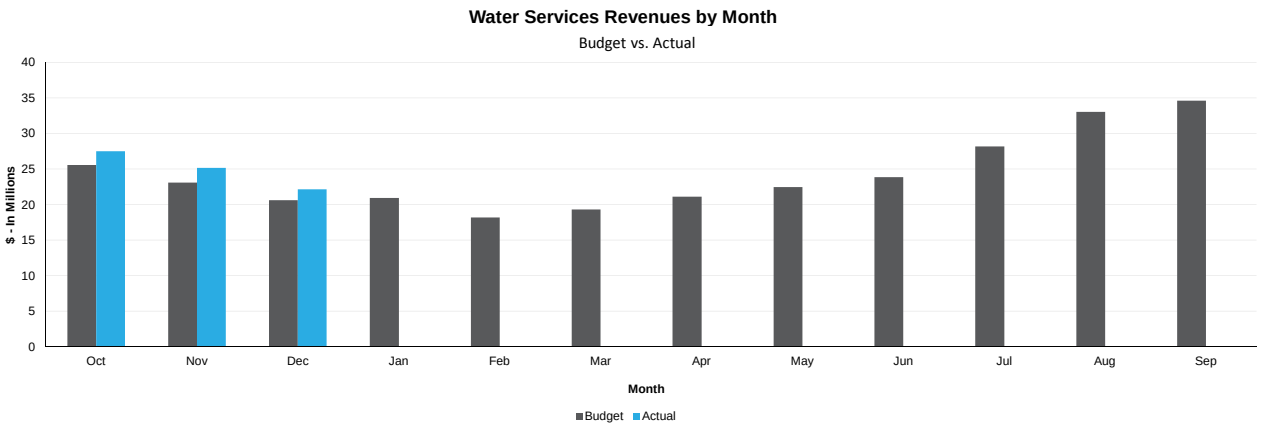
City of Austin, Texas
Austin Water
FUND SUMMARY - WASTEWATER
As of December 2016

	2016-17 APPROVED	2016-17 AMENDED	BUDGET ALLOTMENT	YTD ACTUAL W/ ENCUMB	YTD VARIANCE	% VARIANCE
TRANSFERS OUT						
Trf to Wastewater CIP Fund	29,200,000	29,200,000	7,159,000	7,159,000	0	0.0%
Trf to General Fund	20,192,004	20,192,004	5,047,704	5,047,704	0	0.0%
TRF CRF to Debt Defeasance	5,250,000	5,250,000	0	0	0	0.0%
Administrative Support	5,107,753	5,107,753	1,276,948	1,276,948	0	0.0%
CTM Support	2,053,685	2,053,685	513,425	513,425	0	0.0%
Trf to Reclaimed Water Fund	1,700,000	1,700,000	425,015	425,015	0	0.0%
Trf to Economic Development	1,367,796	1,367,796	341,931	341,931	0	0.0%
Workers' Compensation	606,618	606,618	151,650	151,650	0	0.0%
Trf to CIP Mgm - CPM (5460)	602,536	602,536	150,601	150,601	0	0.0%
CTECC Support	5,311	5,311	5,311	5,311	0	0.0%
Total Transfers Out	**66,085,703**	**66,085,703**	**15,071,585**	**15,071,585**	**0**	**0.0%**
TOTAL REQUIREMENTS	**261,262,915**	**261,262,915**	**70,161,665**	**69,175,671**	**985,994**	**1.4%**
EXCESS (DEFICIENCY) OF TOTAL AVAILABLE FUNDS OVER TOTAL REQUIREMENTS	19,914,002	19,914,002	(2,416,848)	(1,253,866)	1,162,982	-48.1%
ENDING BALANCE	**91,373,836**	**91,373,836**	**69,042,986**	**73,263,490**	**4,220,504**	**6.1%**

Note: Numbers may not add due to rounding.

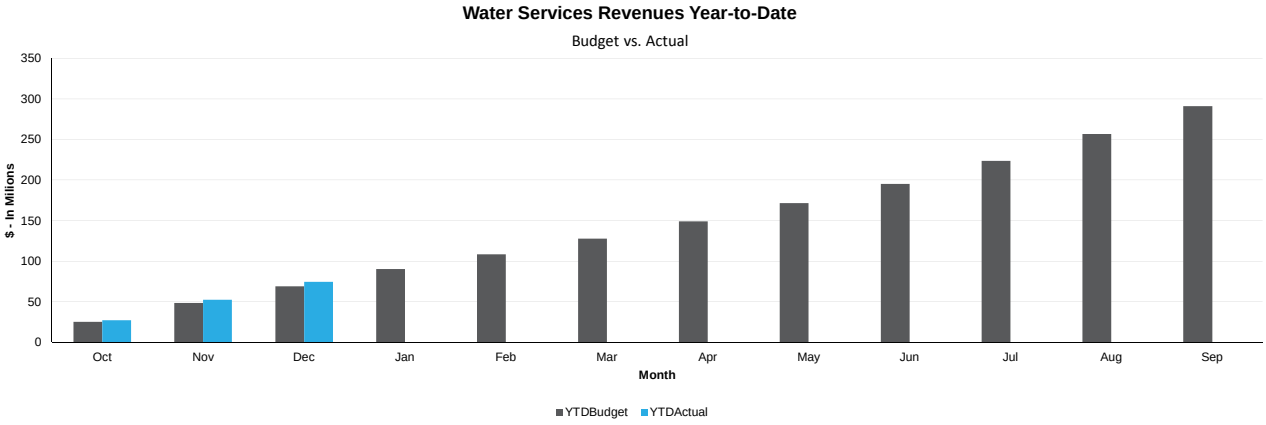
DEBT SERVICE COVERAGE RATIO	1.82	1.82		1.47		

REVENUES



FY 2016 - 2017 Water Service Revenues by Month With Variances (Millions)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Budget	25.62	23.14	20.62	20.96	18.23	19.36	21.12	22.48	23.89	28.21	33.10	34.65
Actual	$ 27.54	$ 25.19	$ 22.17									
Variance	$ 1.92	$ 2.05	$ 1.54									
Variance %	7.5%	8.9%	7.5%									

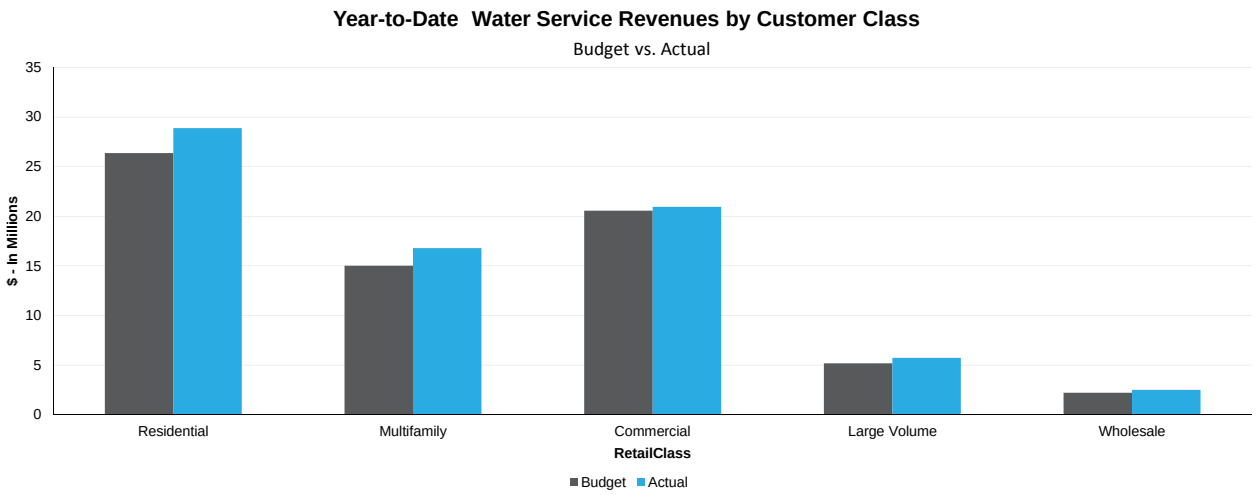


FY 2016 - 2017 Water Service Revenues by Year-to-Date With Variances (Millions)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
YTDBudget	$ 25.62	$ 48.76	$ 69.38	$ 90.34	$ 108.57	$ 127.93	$ 149.06	$ 171.53	$ 195.42	$ 223.63	$ 256.73	$ 291.38
YTDActual	$ 27.54	$ 52.73	$ 74.90									
Variance	$ 1.92	$ 3.97	$ 5.52									
Variance %	7.5%	8.1%	7.9%									

Water service revenues for December 2016 totaled $22.17 million. This is $1.54 million, or 7.5%, more than the budget allotment for the month. For the fiscal year, water service revenues totaled $74.90 million, which is $5.52 million, or 7.9%, more than the budget allotment.

Billed water consumption for December 2016 totaled 3.02 billion gallons (BG). This was 0.13 BG, or 4.5%, more than projected for the month. For the fiscal year, billed water consumption totaled 10.03 BG. This was 0.38 BG, or 3.9%, more than projected.



FY 2016 - 2017 Year-to-Date Water Service Revenues by Customer Class With Variances (Millions)

	Residential	Multifamily	Commercial	Large Volume	Wholesale	Total
Budget	$ 26.39	$ 15.03	$ 20.58	$ 5.18	$ 2.21	$ 69.38
Actual	$ 28.88	$ 16.79	$ 20.97	$ 5.73	$ 2.52	$ 74.90
Variance	$ 2.49	$ 1.76	$ 0.40	$ 0.55	$ 0.31	$ 5.52
Variance %	9.4%	11.7%	1.9%	10.6%	14.0%	7.9%

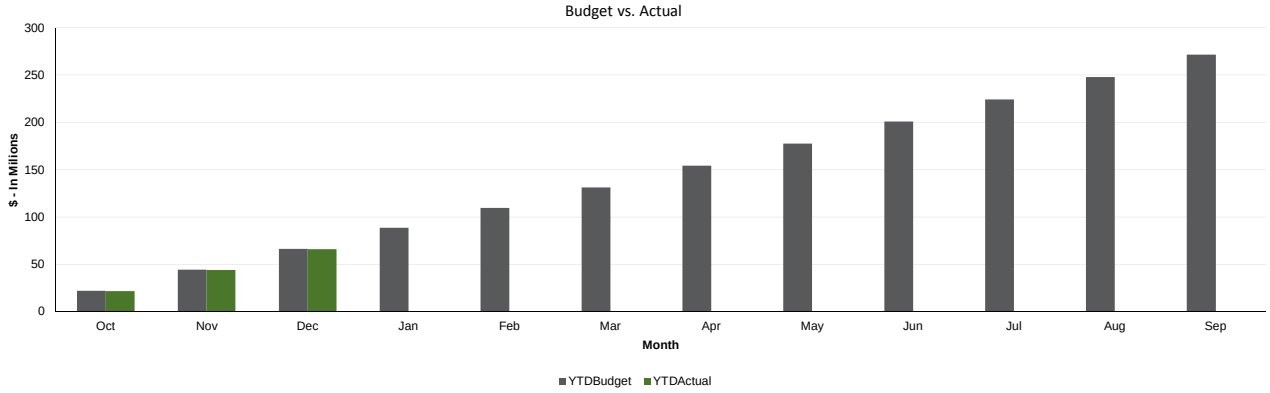
Water service revenues are collected from a variety of customer classes including Residential, Multifamily, Commercial, Large Volume and Wholesale. The graph above compares the budgeted and actual water service revenues by those classes through December, before any accounts receivable adjustments.

All customer classes are above projections, with Residential and Multifamily classes significantly above by 9.4% and 11.7%, respectively. Overall, water revenues are 7.9% higher than projected.



FY 2016 - 2017 Wastewater Service Revenues by Month With Variances (Millions)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Budget	$ 22.22	$ 22.09	$ 22.25	$ 22.27	$ 20.89	$ 21.43	$ 23.06	$ 23.24	$ 23.46	$ 23.48	$ 23.48	$ 23.64
Actual	$ 21.93	$ 22.16	$ 21.98									
Variance $	$ (0.29)	$ 0.07	$ (0.27)									
Variance %	-1.3%	0.3%	-1.2%									



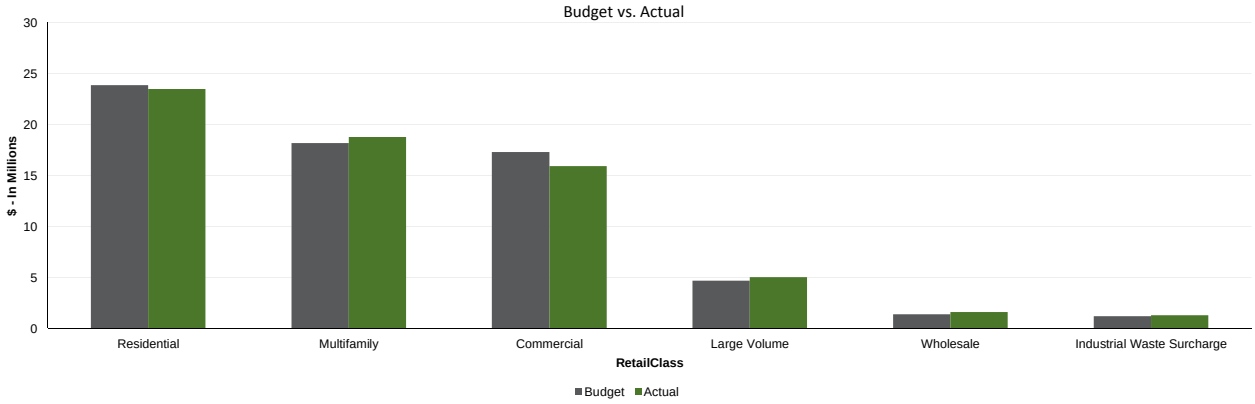
FY 2016 - 2017 Wastewater Service Revenues by Year-to-Date With Variances (Millions)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
YTDBudget	$ 22.22	$ 44.31	$ 66.56	$ 88.83	$ 109.73	$ 131.15	$ 154.21	$ 177.46	$ 200.92	$ 224.40	$ 247.88	$ 271.52
YTDActual	$ 21.93	$ 44.09	$ 66.07									
Variance	$ (0.29)	$ (0.22)	$ (0.49)									
Variance %	-1.3%	-0.5%	-0.7%									

Wastewater service revenues for December 2016 totaled $21.98 million. This is $0.27 million or 1.2% less than the budget allotment for the month. For the fiscal year, wastewater service revenues totaled $66.07 million. This is $0.49 million, or 0.7%, less than the budget allotment.

Wastewater bills are determined by each customer's actual water consumption for the month or wastewater winter average, whichever is lower, except for customers who have installed wastewater measuring devices.

Year-to-Date Wastewater Service Revenues by Customer Class



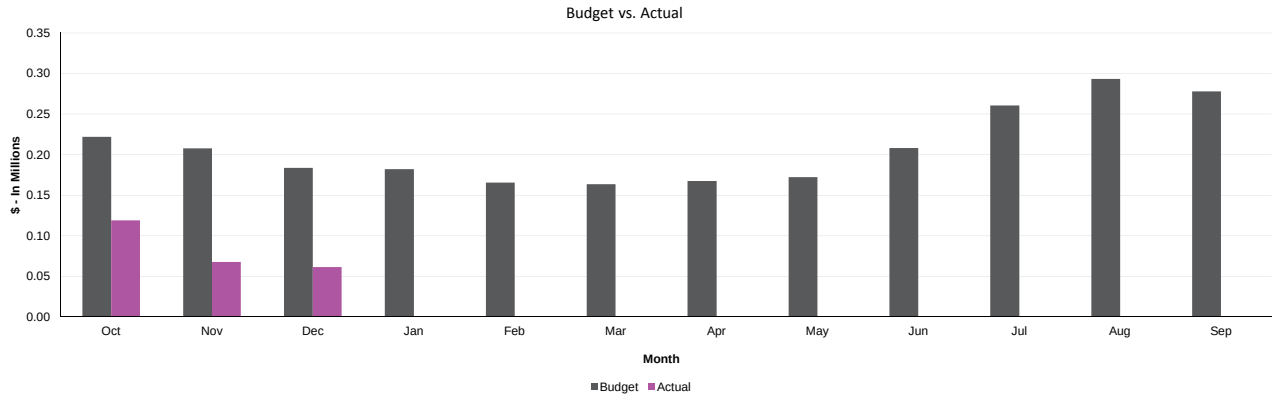
FY 2016 - 2017 Year-to-Date Wastewater Service Revenues by Customer Class With Variances (Millions)

	Residential	Multifamily	Commercial	Large Volume	Wholesale	Industrial Waste Surcharge	Total
Budget	$ 23.85	$ 18.17	$ 17.28	$ 4.68	$ 1.39	$ 1.19	$ 66.56
Actual	$ 23.48	$ 18.77	$ 15.90	$ 5.02	$ 1.60	$ 1.30	$ 66.07
Variance	$ (0.37)	$ 0.59	$ (1.38)	$ 0.34	$ 0.22	$ 0.11	$ (0.49)
Variance %	-1.5%	3.3%	-8.0%	7.2%	15.8%	9.2%	-0.7%

Wastewater service revenues are collected from a variety of customer classes including Residential, Multifamily, Commercial, Large Volume, Wholesale, and Industrial Waste Surcharge. The graph above compares the budgeted and actual wastewater service revenues by those classes through December, before any accounts receivable adjustments.

Four customer classes are above projections, with Multifamily showing the largest dollar increase of $0.59 million or 3.3% above budget. Residential and Commercial classes are below projections by 1.5% and 8.0%, respectively. Overall, wastewater revenues are 0.7% lower than projected.

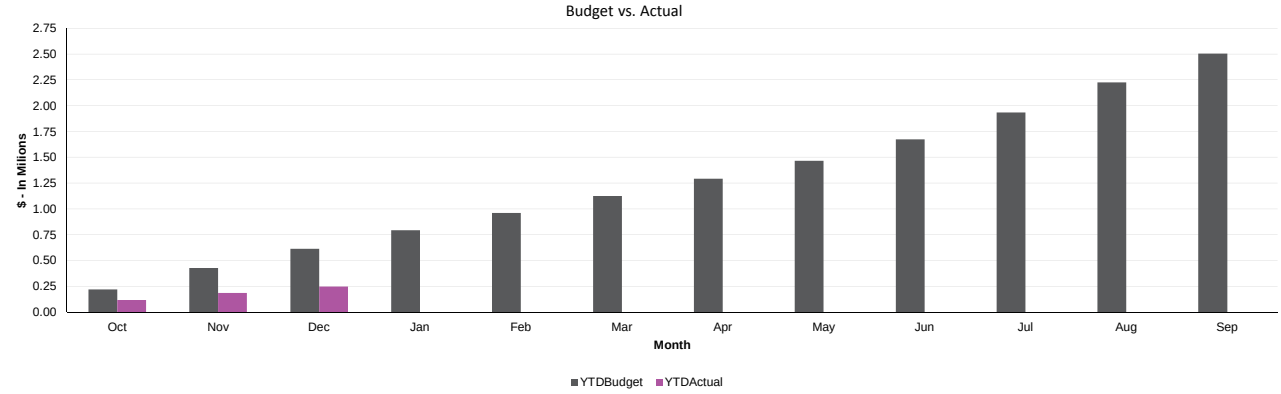
Reclaimed Services Revenues by Month



FY 2016 - 2017 Reclaimed Service Revenues by Month With Variances (Millions)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Budget	$ 0.22	$ 0.21	$ 0.18	$ 0.18	$ 0.17	$ 0.16	$ 0.17	$ 0.17	$ 0.21	$ 0.26	$ 0.29	$ 0.28
Actual	$ 0.12	$ 0.07	$ 0.06									
Variance	$ (0.10)	$ (0.14)	$ (0.12)									
Variance %	-46.3%	-67.4%	-66.4%									

Reclaimed Services Revenues Year-to-Date

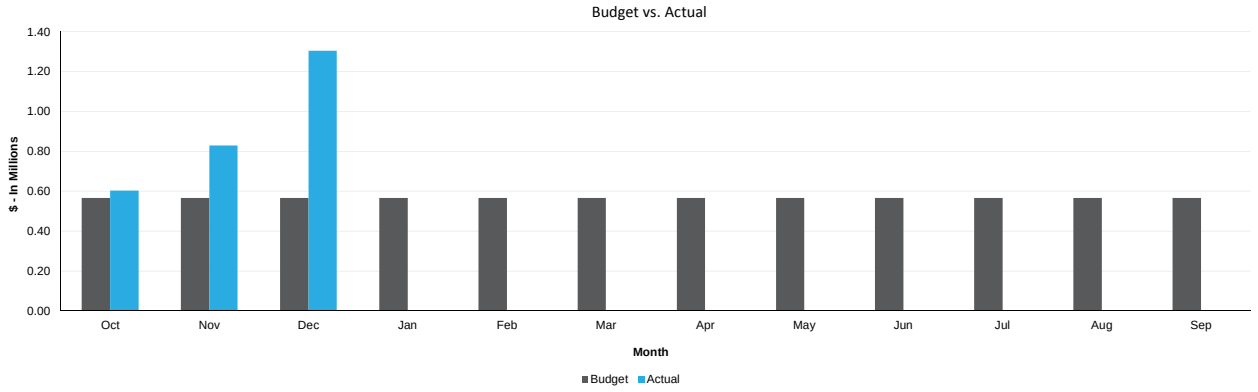


FY 2016 - 2017 Reclaimed Service Revenues by Year-to-Date With Variances (Millions)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
YTDBudget	$ 0.22	$ 0.43	$ 0.61	$ 0.80	$ 0.96	$ 1.13	$ 1.29	$ 1.47	$ 1.67	$ 1.93	$ 2.23	$ 2.51
YTDActual	$ 0.12	$ 0.19	$ 0.25									
Variance	$ (0.10)	$ (0.24)	$ (0.36)									
Variance %	-46.3%	-56.5%	-59.5%									

Reclaimed service revenues for December 2016 totaled $0.06 million. This is $0.12 million or 66.4% less than the budget allotment for the month. For the fiscal year, Reclaimed service revenues totaled $0.25 million. This is $0.36 million or 59.5% less than the budget allotment.

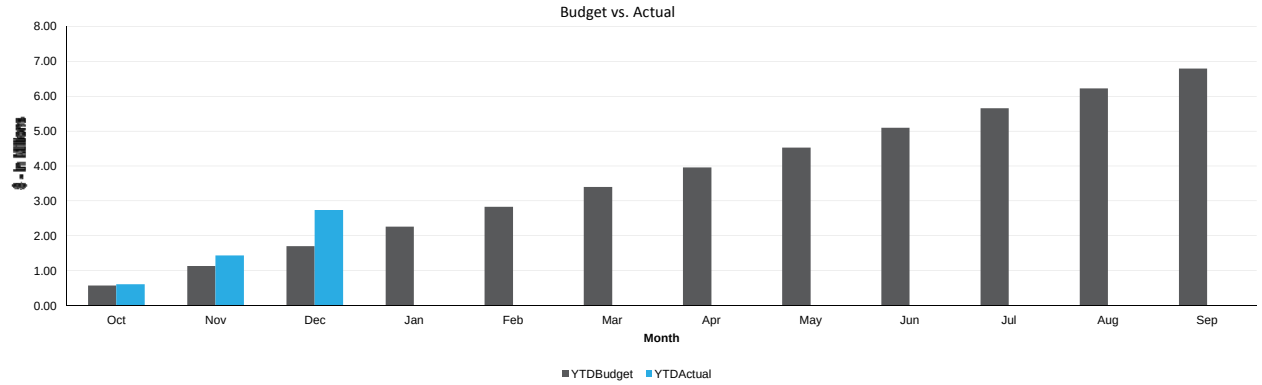
Miscellaneous Revenues by Month



FY 2016 - 2017 Miscellaneous Revenues by Month With Variances (Millions)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Budget	$ 0.57	$ 0.57	$ 0.57	$ 0.57	$ 0.57	$ 0.57	$ 0.57	$ 0.57	$ 0.57	$ 0.57	$ 0.57	$ 0.57
Actual	$ 0.60	$ 0.83	$ 1.30									
Variance	$ 0.04	$ 0.26	$ 0.74									
Variance %	6.5%	46.5%	130.7%									

Miscellaneous Revenues Year-to-Date

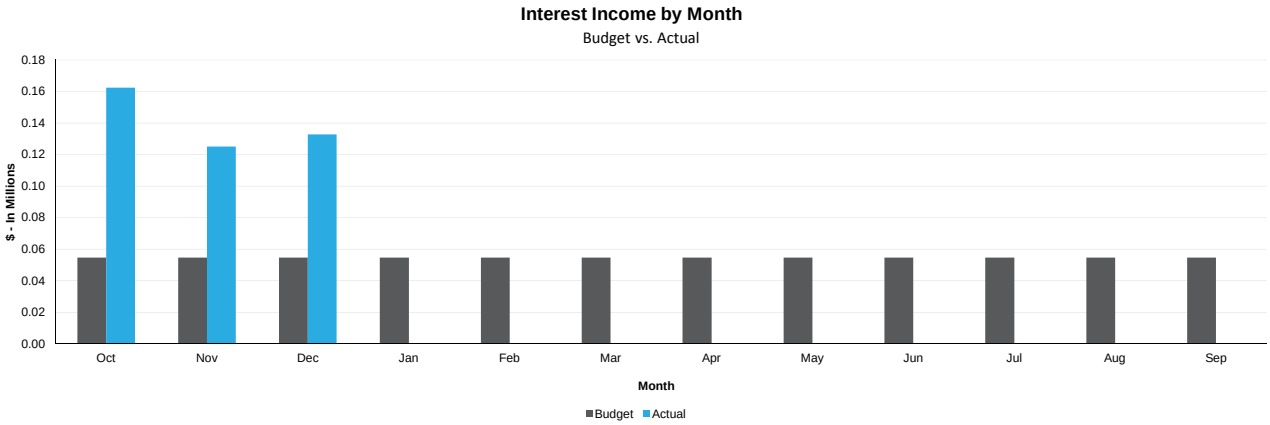


FY 2016 - 2017 Miscellaneous Revenues by Year-to-Date With Variances (Millions)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
YTDBudget	$ 0.57	$ 1.13	$ 1.70	$ 2.26	$ 2.83	$ 3.39	$ 3.96	$ 4.52	$ 5.09	$ 5.65	$ 6.22	$ 6.78
YTDActual	$ 0.60	$ 1.43	$ 2.73									
Variance	$ 0.04	$ 0.30	$ 1.04									
Variance %	6.5%	26.5%	61.3%									

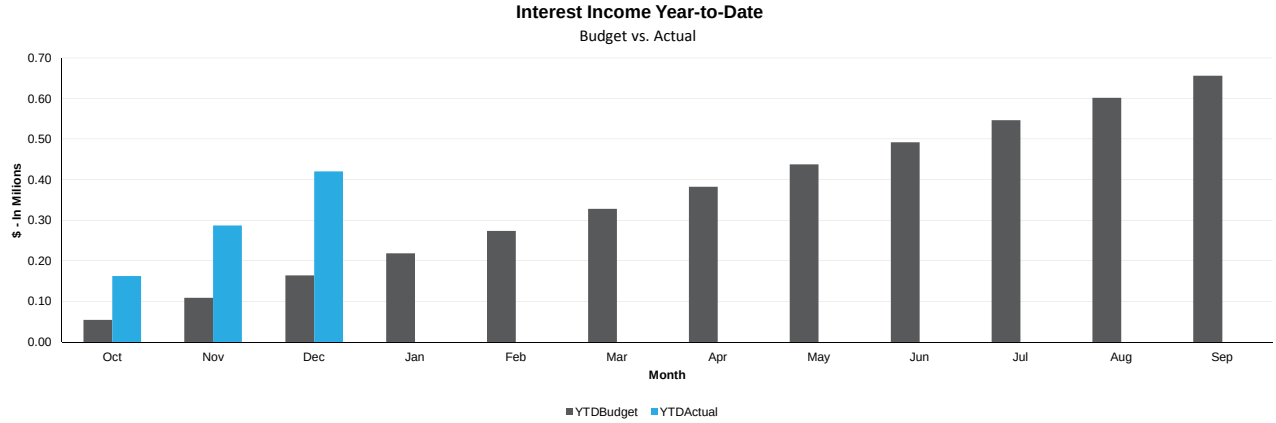
Miscellaneous revenues include revenue from sources other than water and wastewater services, such as late fees, fines and special billings. Miscellaneous revenues for December 2016 totaled $1.30 million. This is 130.7% more than the budget allotment for the month.

The combined miscellaneous revenues for the fiscal year totaled $2.73 million. This is $1.04 million, or 61.3%, more than the budget allotment to date.



FY 2016 - 2017 Interest Income by Month With Variances (Millions)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Budget	$ 0.05	$ 0.05	$ 0.05	$ 0.05	$ 0.05	$ 0.05	$ 0.05	$ 0.05	$ 0.05	$ 0.05	$ 0.05	$ 0.05
Actual	$ 0.16	$ 0.13	$ 0.13									
Variance	$ 0.11	$ 0.08	$ 0.09									
Variance %	196.9%	146.9%	160.9%									



FY 2016 - 2017 Interest Income by Year-to-Date With Variances (Millions)

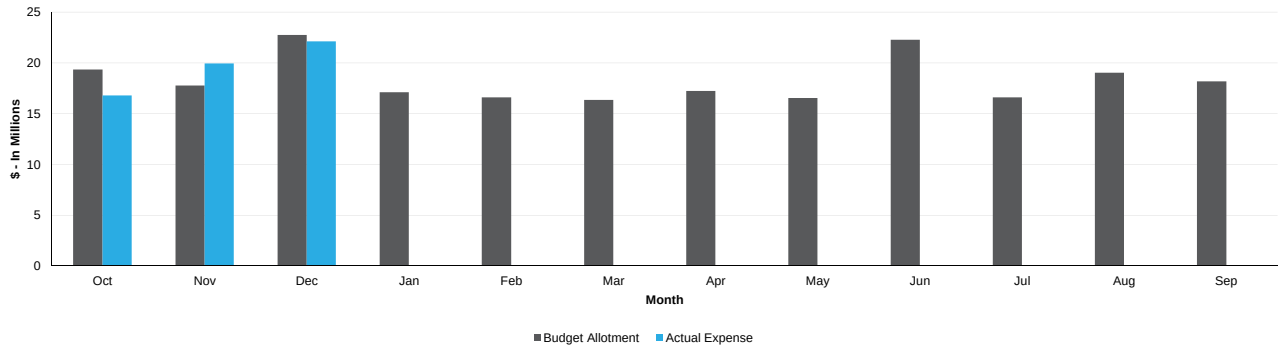
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
YTDBudget	$ 0.05	$ 0.11	$ 0.16	$ 0.22	$ 0.27	$ 0.33	$ 0.38	$ 0.44	$ 0.49	$ 0.55	$ 0.60	$ 0.66
YTDActual	$ 0.16	$ 0.29	$ 0.42									
Variance	$ 0.11	$ 0.18	$ 0.26									
Variance %	196.9%	162.8%	156.1%									

Interest income includes interest allocated from the City's Investment Pool, the Debt Service Fund, and the CIP funds. Combined interest income for December 2016 totaled $0.13 million. This is $0.09 million more than the budget allotment for the month.

Interest income for the fiscal year totaled $0.42 million. This total is significantly more than the budget allotment resulting from an increase in the balance of cash on hand.

OPERATING REQUIREMENTS

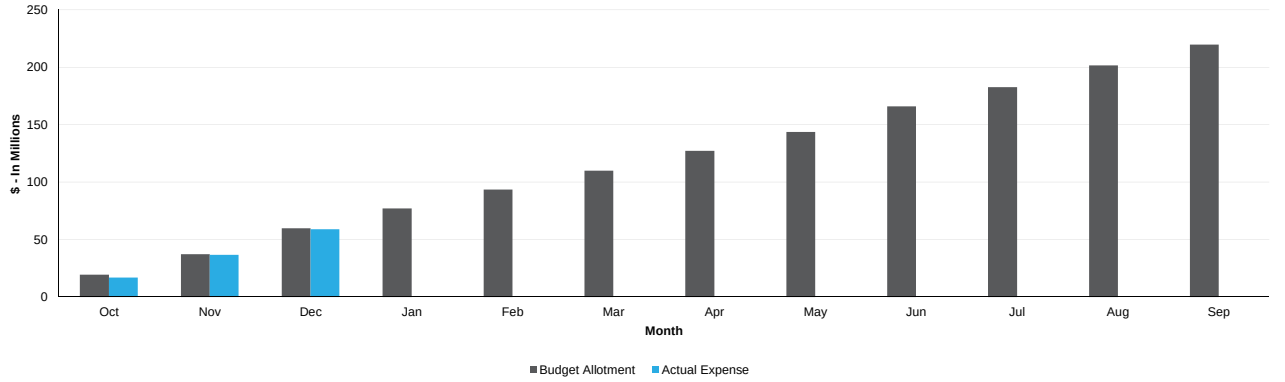
Program Operating and Other Requirements by Month
Budget vs Actual



FY 2016 - 2017 Program Operating and Other Requirements by Month With Variances (Millions)

Month	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Budget Allotment	$ 19.35	$ 17.76	$ 22.75	$ 17.09	$ 16.58	$ 16.34	$ 17.22	$ 16.54	$ 22.26	$ 16.58	$ 19.03	$ 18.16
Actual Expense	$ 16.78	$ 19.95	$ 22.10									
Variance	$ 2.57	$ (2.19)	$ 0.65									
Variance %	13.3%	-12.3%	2.8%									

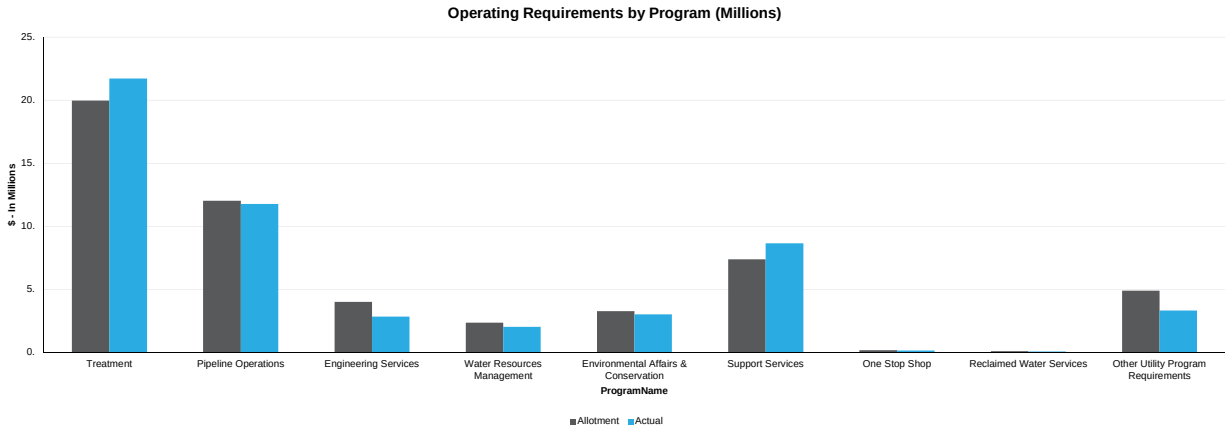
Program Operating and Other Requirements Year-to-Date
Budget vs Actual



FY 2016 - 2017 Program Operating and Other Requirements by Year-to-Date With Variances (Millions)

YTD	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Budget Allotment	$ 19.35	$ 37.10	$ 59.85	$ 76.95	$ 93.53	$ 109.87	$ 127.09	$ 143.63	$ 165.89	$ 182.48	$ 201.51	$ 219.67
Actual Expense	$ 16.78	$ 36.73	$ 58.83									
Variance $	$ 2.57	$ 0.37	$ 1.02									
Variance %	13.3%	1.0%	1.7%									

Total Program Operating and Other Requirements for the fiscal year through December 2016 were $31.02 million for water, $27.72 million for wastewater, and $0.09 million for reclaimed water. The combined Program Operating and Other Requirements of $58.83 million were $1.02 million, or 1.7%, below the budget allotment.



FY 2016 - 2017 Year-To-Date Program Operating Requirements by Program (Millions)

	Treatment	Pipeline Operations	Engineering Services	Water Resources Management	Environmental Affairs & Conservation	Support Services	One Stop Shop	Reclaimed Water Services	Other Utility Program Requirements	Total
Allotment	$ 19.99	$ 12.03	$ 4.01	$ 2.38	$ 3.30	$ 7.39	$ 0.20	$ 0.11	$ 4.91	$ 54.32
Actual	$ 21.72	$ 11.78	$ 2.87	$ 2.03	$ 3.03	$ 8.66	$ 0.16	$ 0.09	$ 3.33	$ 53.67
Variance $	$ (1.73)	$ 0.25	$ 1.15	$ 0.35	$ 0.27	$ (1.28)	$ 0.04	$ 0.02	$ 1.57	$ 0.64
Variance %	-8.7%	2.1%	28.6%	14.5%	8.2%	-17.3%	18.6%	22.1%	32.1%	1.2%

Total Operating Program Requirements as of December 31, 2016 were $27.77 million for Water, $25.81 million for Wastewater, and $0.09 million for Reclaimed Water. The combined Program Operating Requirements of $53.67 million were $0.64 million or 1.2% below the allotment.

Engineering Services was $1.15 million or 28.6% below allotment mainly due to lower than estimated spending on contractual services, pipeline maintenance, chemicals and rental equipment.

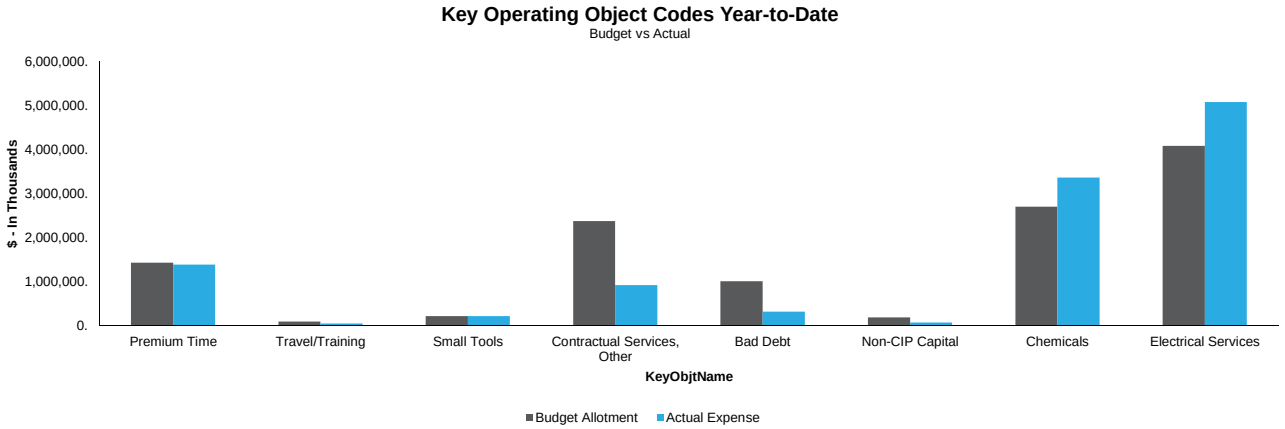
Water Resources Management was $0.35 million or 14.5% below allotment mainly due to lower than estimated spending on contractual services, interdepartmental charges, temporary employees, and computer software maintenance.

Support Services was $1.28 million or 17.3% above allotment due to higher than estimated spending on security services, cellular phones, and computer software maintenance.

One Stop Shop was $0.04 million or 18.6% below allotment due to vacant positions.

Reclaimed Water Services was $0.02 million or 22.1% below allotment also due to vacant positions.

Other Utility Program Requirements was $1.57 million or 32.1% below allotment due to lower than estimated spending for bad debt expense, compensation adjustment, insurance and software.



FY 2016 - 2017 Year-To-Date Operating Requirements Key Object Codes With Variance (Thousands)

	Premium Time	Travel/Training	Small Tools	Contractual Services, Other	Bad Debt	Non-CIP Capital	Chemicals	Electrical Services	Total
Budget Allotment	$ 1,416,297	$ 81,833	$ 201,730	$ 2,368,318	$ 994,884	$ 169,626	$ 2,695,119	$ 4,078,530	$ 12,006,338
Actual Expense	$ 1,376,114	$ 36,796	$ 202,568	$ 906,275	$ 301,838	$ 57,978	$ 3,358,228	$ 5,078,554	$ 11,318,351
Variance $	$ 40,184	$ 45,037	$ (838)	$ 1,462,043	$ 693,046	$ 111,648	$ (663,109)	$ (1,000,023)	$ 687,987
Variance %	2.8%	55.0%	-0.4%	61.7%	69.7%	65.8%	-24.6%	-24.5%	5.7%

Travel and Training was $45,037 or 55.0% below allotment due to lower than anticipated expenses.

Other Contractual Services were $1,462,043 or 61.7% below allotment due to lower than estimated spending in the Collection System Engineering, Utility Development Services, Water Conservation, Water Treatment, Lift Station and Remote Facilities, and Wildland Conservation, as well as lower spending for emergency service contracts for the Utility as a whole.

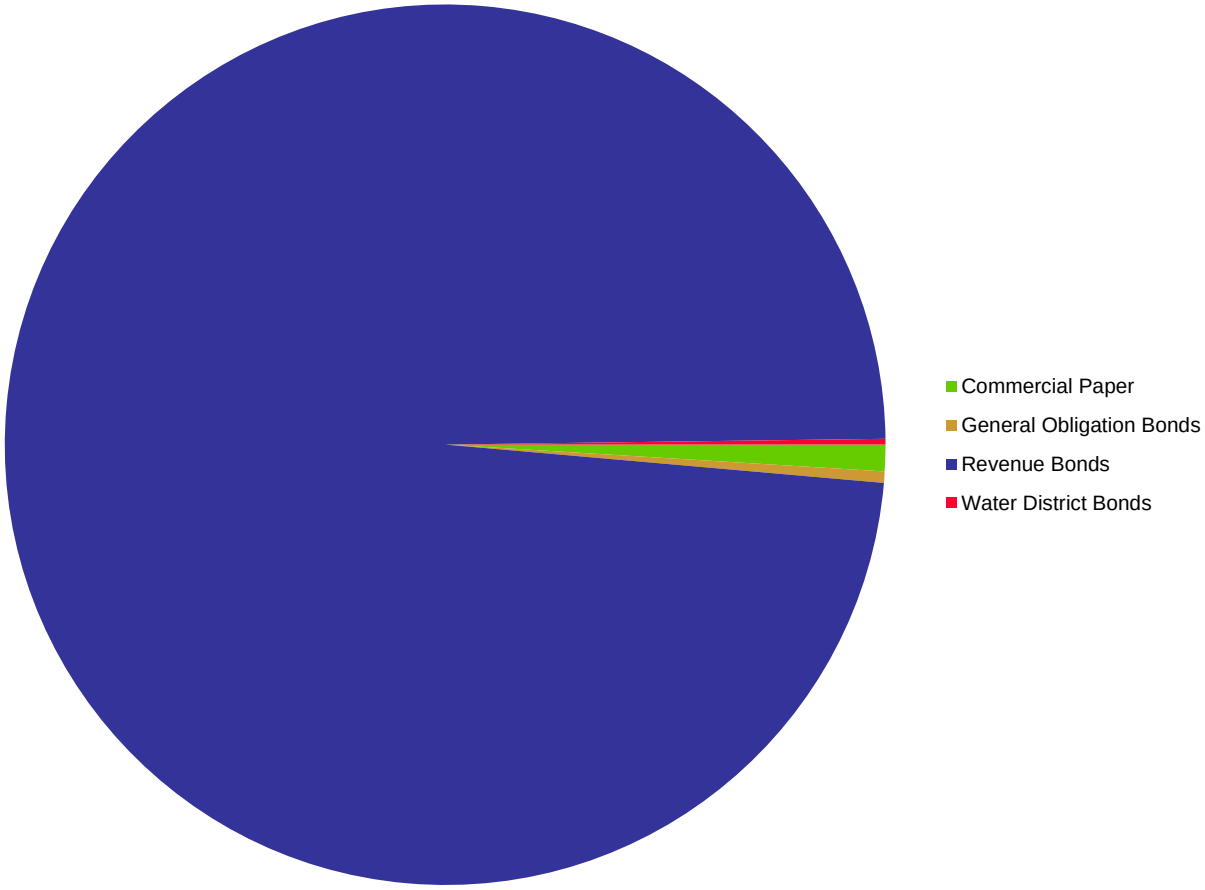
Non-CIP Capital was $111,648 or 65.8% below allotment due to lower than estimated spending in the Collection System Services, Water Meter Operations, Water Treatment, Distribution System Maintenance, and Laboratory Services.

Chemicals were $663,109 or 24.6% above allotment due to FY2016 expenses which were posted to FY2017. The Controller's Office will post the unvouchered payable journal to reverse these transactions in March 2017.

Electrical Services were $1,000,023 or 24.5% above allotment due to the Green Choice Batch 6 rates were billed to Austin Water during the first three months of FY2017. It is expected that the new rate will be reflected beginning with the February 2017 bill.

DEBT OUTSTANDING & DEBT SERVICE

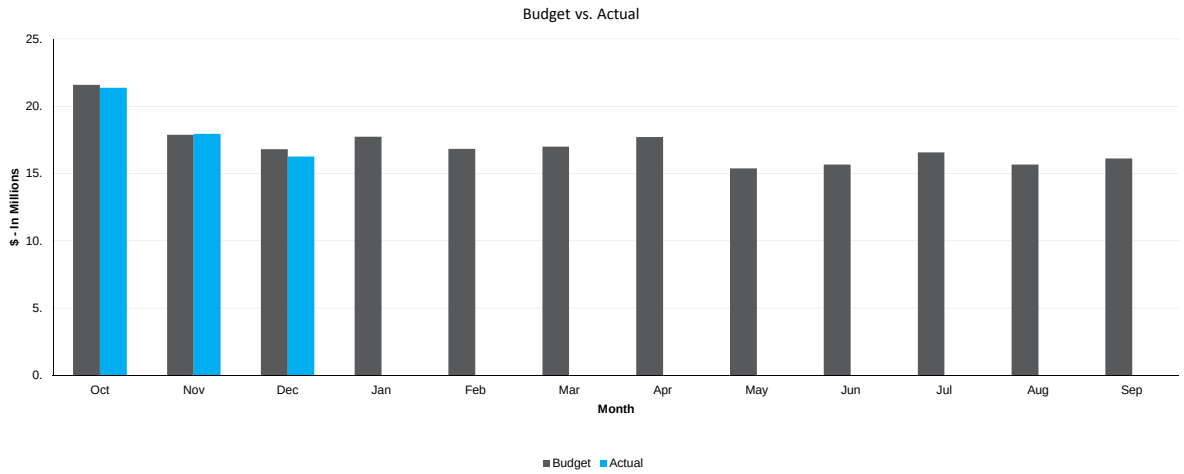
Total Debt outstanding By Type



	Debt Outstanding	% Outstanding
Commercial Paper	$ 51,520,000	2.2%
General Obligation Bonds	7,739,523	0.4%
Revenue Bonds	2,255,736,857	97.2%
Water District Bonds	4,900,727	0.2%
Total	**$ 2,319,897,107**	**100.0%**

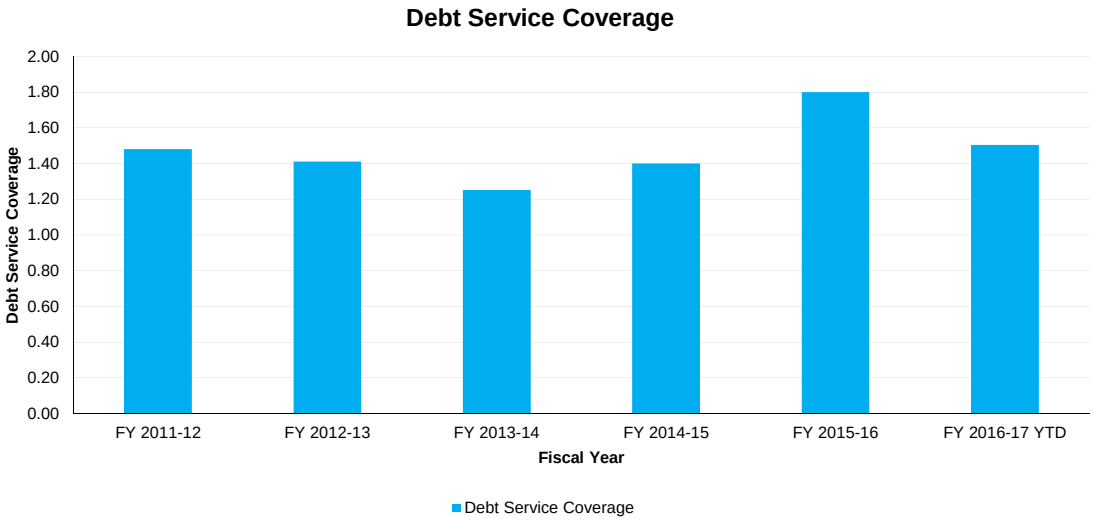
Fiscal Year	Utility Debt Per Customer
2012	10,832.55
2013	11,288.09
2014	11,443.78
2015	11,021.31
2016	10,465.12
2017	10,196.59

Combined Debt Service by Month (Millions)



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Budget	$ 21.61	$ 17.89	$ 16.83	$ 17.74	$ 16.84	$ 17.02	$ 17.74	$ 15.39	$ 15.68	$ 16.58	$ 15.68	$ 16.12	$ 205.12
Actual	$ 21.40	$ 17.97	$ 16.29										$ 55.65
Variance	$ 0.21	$ (0.08)	$ 0.55										
Variance %	1.0%	-0.4%	3.3%										

Combined debt service requirements include requirements for revenue bonds, commercial paper, general obligation bonds, and water district bonds. Actual combined debt service for the month of December 2016 was $16.29 million, $0.55 million less than projected for the month. Combined debt service for the fiscal year was $55.65 million or $0.68 million less than projected.



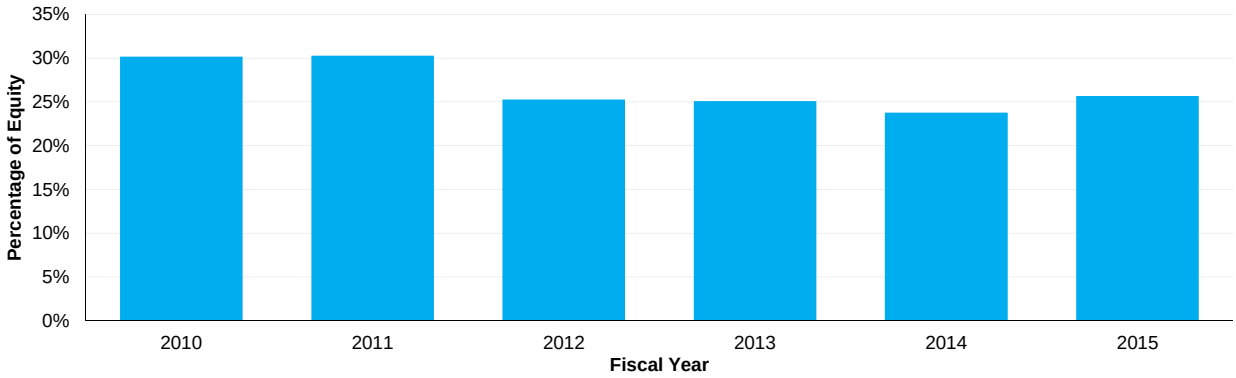
DebtServiceCoverage	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17 YTD
Debt Service Coverage	1.48	1.41	1.25	1.40	1.80	1.50

The Debt Service Coverage graph above indicates how much revenue, after deducting operating costs, could go towards paying long-term debt service. The utility's bond covenants require debt service coverage of 1.25 times long-term debt service requirements. City of Austin financial policies target minimum debt service coverage of 1.5 times.

The ratios reflected for FY11-12 through FY14-15 are audited, as reflected in the City's Comprehensive Annual Financial Report (CAFR). The FY15-16 ratio is unaudited; upon finalization of the CAFR in the spring of 2017, the ratio will be updated to reflect audited results.

Percent of Equity in Utility Systems

FY 2010 through FY 2015

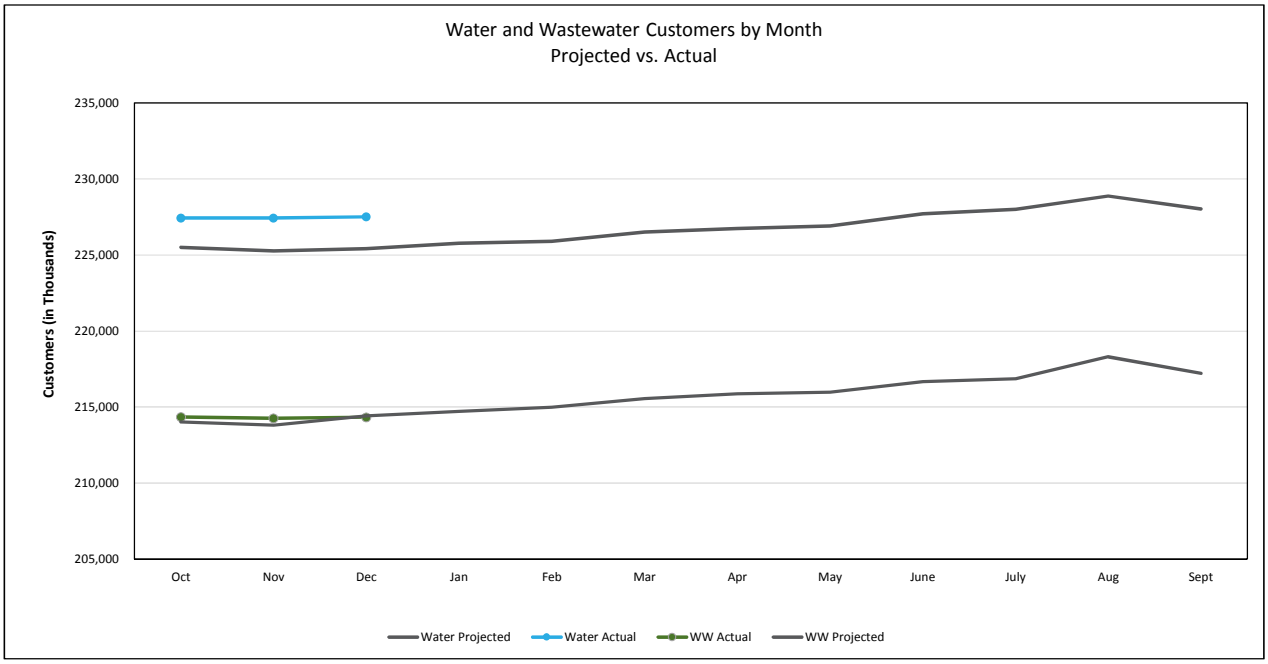


Percentage of Equity	2010	2011	2012	2013	2014	2015
Percent of Equity	30.2%	30.3%	25.3%	25.1%	23.8%	25.7%

The Percent of Equity in Utility Systems is computed by dividing the combined utility system equity by the combined utility system costs net of depreciation. The Percent of Equity is calculated once audited financials from the Controller's Office are available.

CUSTOMER DEMAND CHARACTERISTICS

Number of Customers



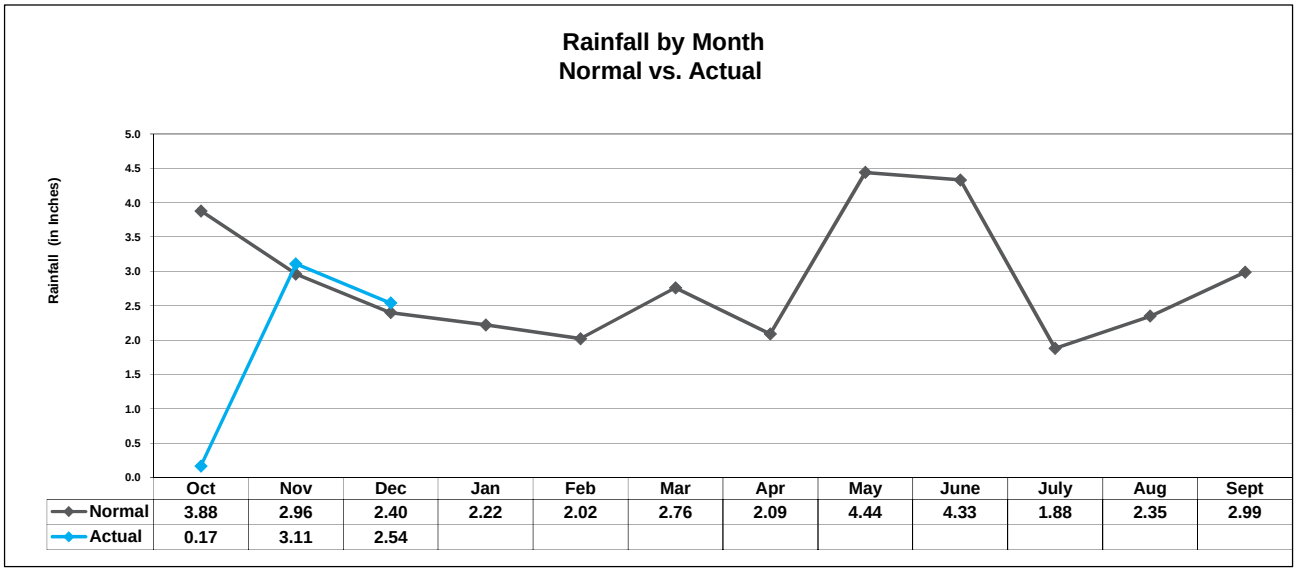
Customers	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Water Projected	225,510	225,273	225,416	225,776	225,914	226,514	226,748	226,926	227,718	228,011	228,879	228,040
Water Actual	227,441	227,449	227,517									
Variance	1,931	2,176	2,101									
Monthly Change	9	8	68									
WW Projected	214,013	213,805	214,420	214,713	214,976	215,541	215,860	215,980	216,659	216,859	218,305	217,220
WW Actual	214,347	214,265	214,320									
Variance	334	460	(100)									
Monthly Change	(26)	(82)	55									

The actual number of water customers as of December 31, 2016, was 227,517. This was 68 more customers than last month, and 2,101 more customers than projected for this date. There were 224,231 water customers as of December 31, 2015.

The actual number of wastewater customers as of December 31, 2016, was 214,320. This was 55 more customers than last month, and 100 fewer customers than projected for this date. There were 211,194 wastewater customers as of December 31, 2015.

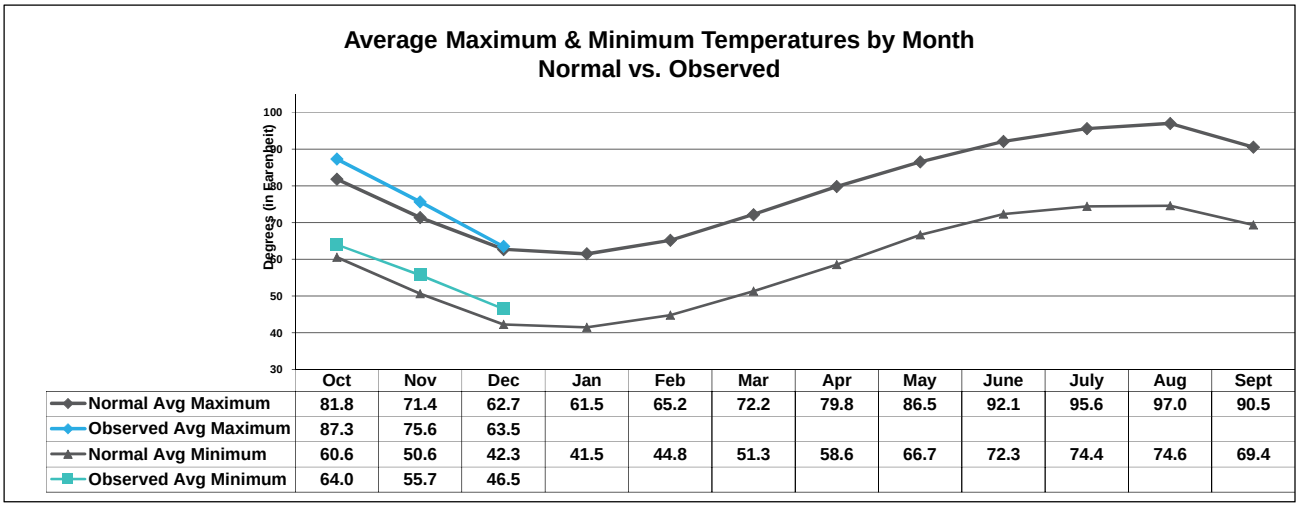
The projected number of customers for fiscal year 2016–17 was determined in April 2016 using a historical monthly growth rate in accounts. Monthly negative or positive trend fluctuations are due to factors such as housing starts, the rental home market, unanticipated utility system acquisitions, and other factors.

FY 2016-2017 Rainfall and Average Temperatures by Month



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Normal	3.88	2.96	2.40	2.22	2.02	2.76	2.09	4.44	4.33	1.88	2.35	2.99
Actual	0.17	3.11	2.54									

Monthly normal rainfall is based on a 30-year history as reported by the National Weather Service for Austin-Camp Mabry. Last fiscal year the total rainfall was 52.69 inches, 55.6% above the normal amount of 33.87 inches. In December, 2.54 inches of rain fell, 0.14 inches above normal for the month. For the fiscal year to date, rainfall has totaled 5.82 inches, 37.0% less than the normal amount of 9.24 inches. Generally, as rainfall increases significantly, water pumpage decreases and wastewater influent increases due to inflow and infiltration. Conversely, as rainfall decreases significantly, water pumpage increases and wastewater influent decreases.

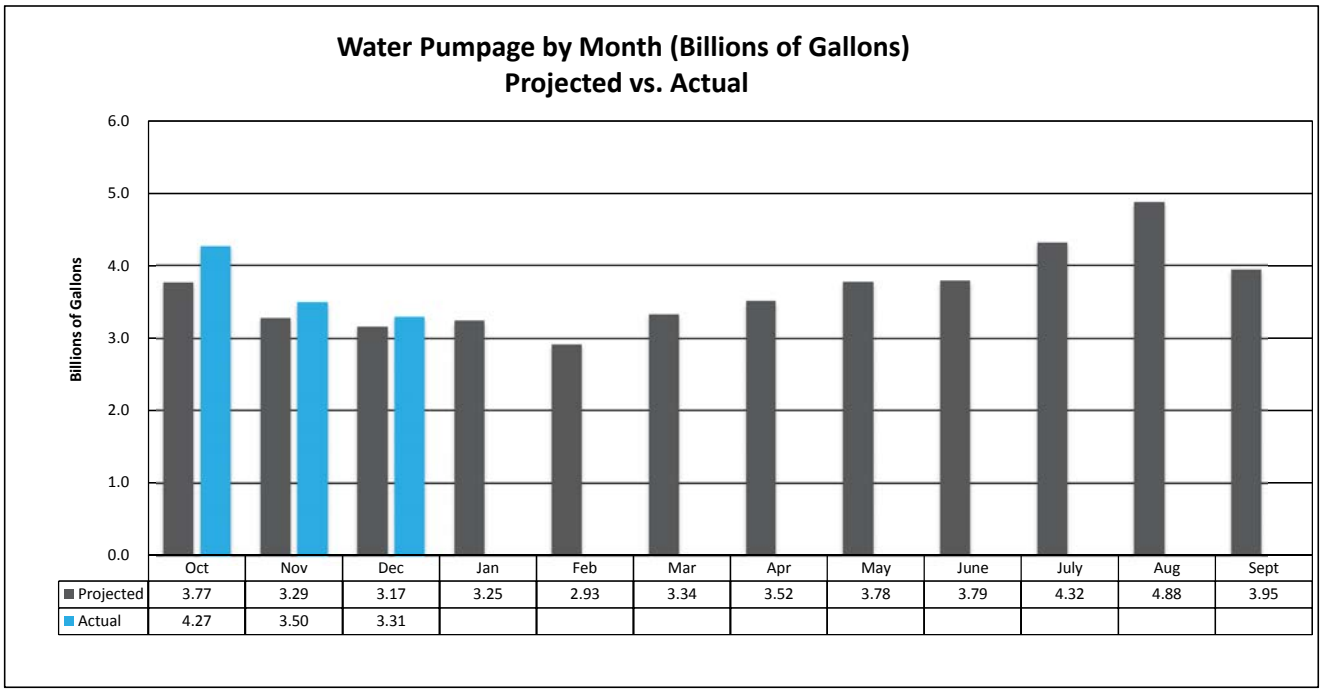


	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Normal Avg Maximum	81.8	71.4	62.7	61.5	65.2	72.2	79.8	86.5	92.1	95.6	97.0	90.5
Observed Avg Maximum	87.3	75.6	63.5									
Normal Avg Minimum	60.6	50.6	42.3	41.5	44.8	51.3	58.6	66.7	72.3	74.4	74.6	69.4
Observed Avg Minimum	64.0	55.7	46.5									

Monthly average maximum and minimum temperatures are reported by the National Weather Service for Austin-Camp Mabry. This fiscal year temperatures have been largely warmer than historic norms. In December, the average high temperature was 0.8 degrees higher than the historical normal value and the average low temperature was 4.2 degrees higher than the historical normal value.

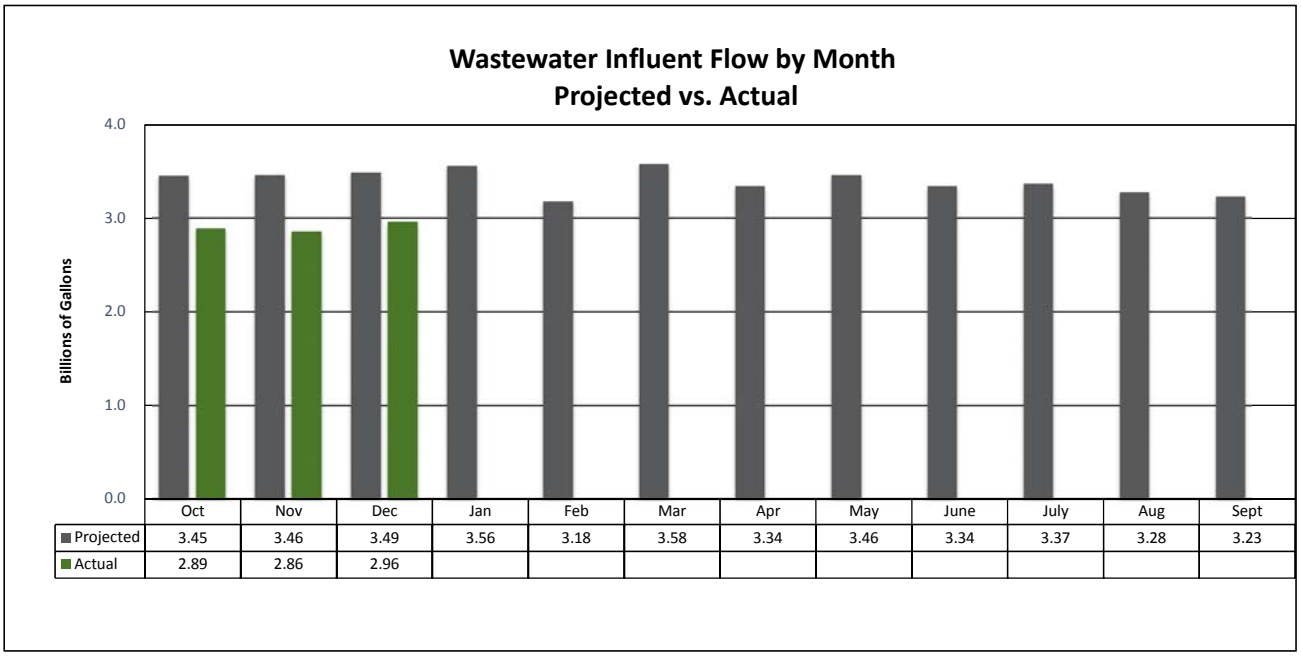
The combined storage capacity in the Highland Lakes' two water storage reservoirs, Travis and Buchanan, is at 99% as of December 2016.

FY 2016-2017 Water Pumpage and Wastewater Influent Flow by Month



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Projected	3.77	3.29	3.17	3.25	2.93	3.34	3.52	3.78	3.79	4.32	4.88	3.95
Actual	4.27	3.50	3.31									

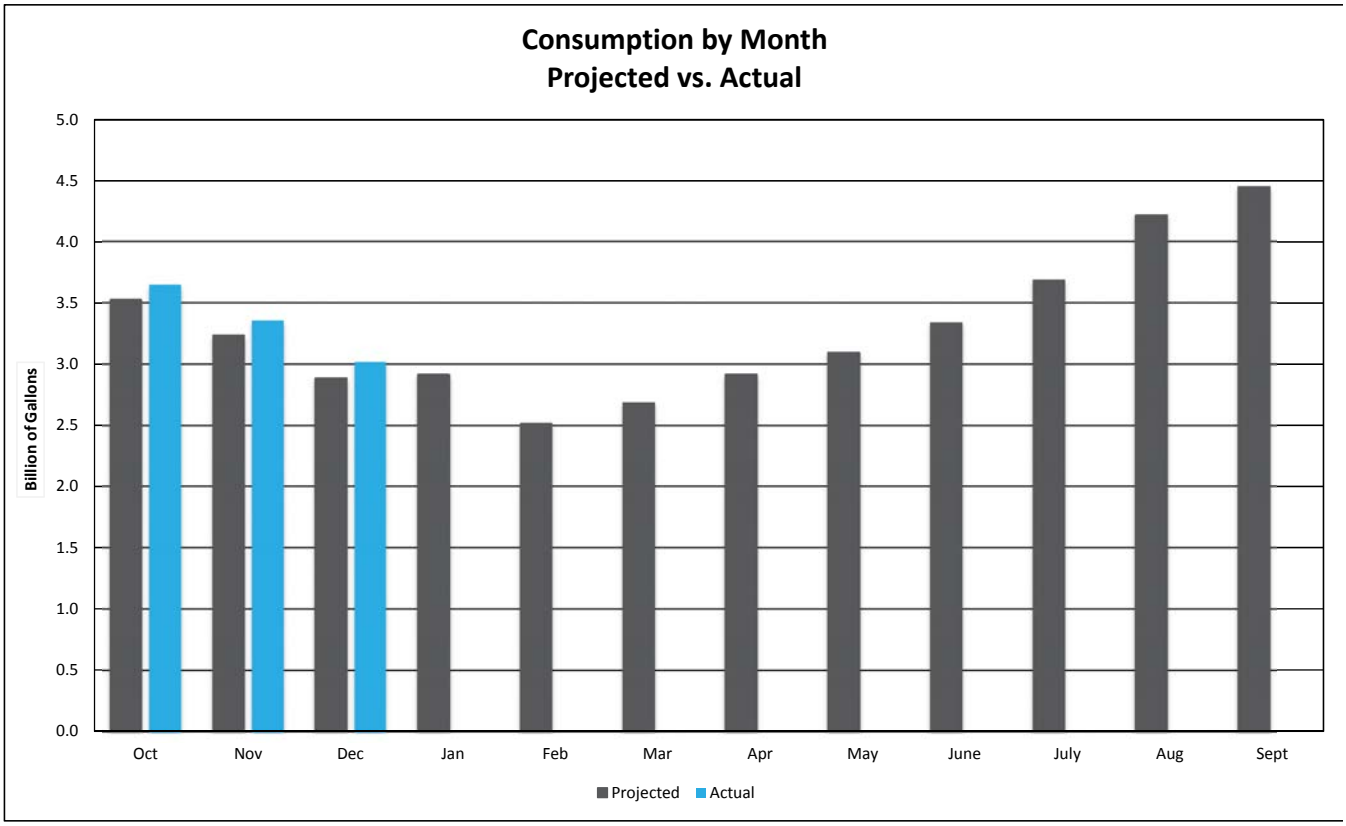
Pumpage during December 2016 averaged 106.64 MGD for a total of 3.31 BG for the month. This compares to a daily average of 120.42 MGD for this fiscal year, and a daily average of 117.61 MGD for fiscal year 2015–16.



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Projected	3.45	3.46	3.49	3.56	3.18	3.58	3.34	3.46	3.34	3.37	3.28	3.23
Actual	2.89	2.86	2.96									

Influent during December 2016 averaged 95.47 MGD for a total of 2.96 BG for the month. This compares to a daily average of 94.69 MGD for this fiscal year, and an average of 116.95 MGD for fiscal year 2015–16.

Billed Water Consumption

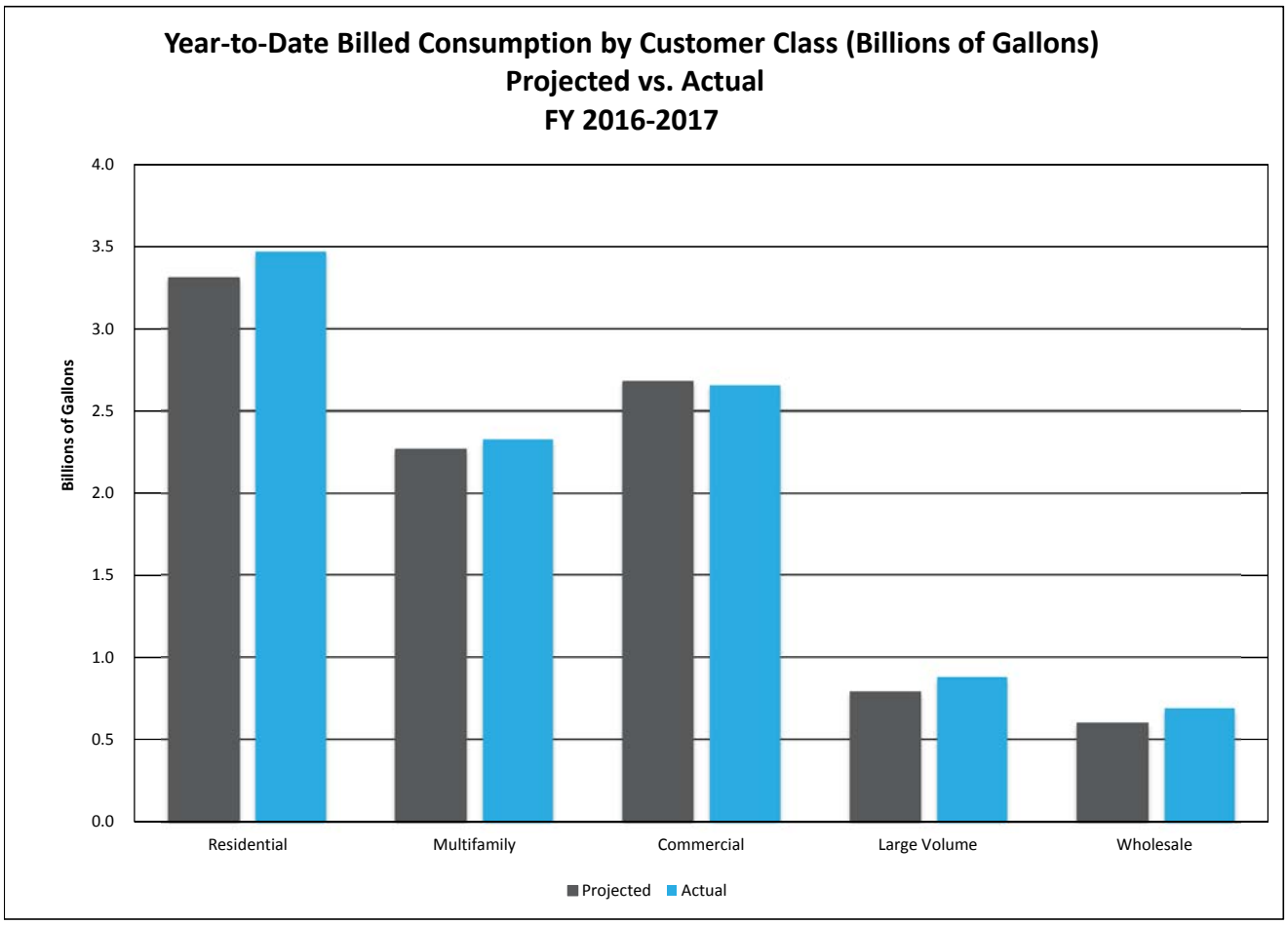


FY 2016-17 Billed Consumption by Month and Year-to-Date (Billion of Gallons)

Month	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Projected	3.53	3.24	2.89	2.92	2.52	2.69	2.92	3.1	3.34	3.69	4.22	4.45
Actual	3.65	3.36	3.02									
Variance	0.12	0.12	0.13									
Variance %	3.4%	3.7%	4.5%									
YTD												
Projected	3.53	6.76	9.65	12.57	15.09	17.78	20.70	23.80	27.14	30.83	35.05	39.50
Actual	3.65	7.01	10.03									
Variance	0.12	0.25	0.38									
Variance %	3.4%	3.7%	3.9%									

Actual billed water consumption for December 2016 was 3.02 BG. This was 0.13 BG, or 4.5%, more than projected for the month. For the fiscal year, actual billed water consumption was 10.03 BG. This was 0.38 BG, or 3.9%, more than projected for the period.

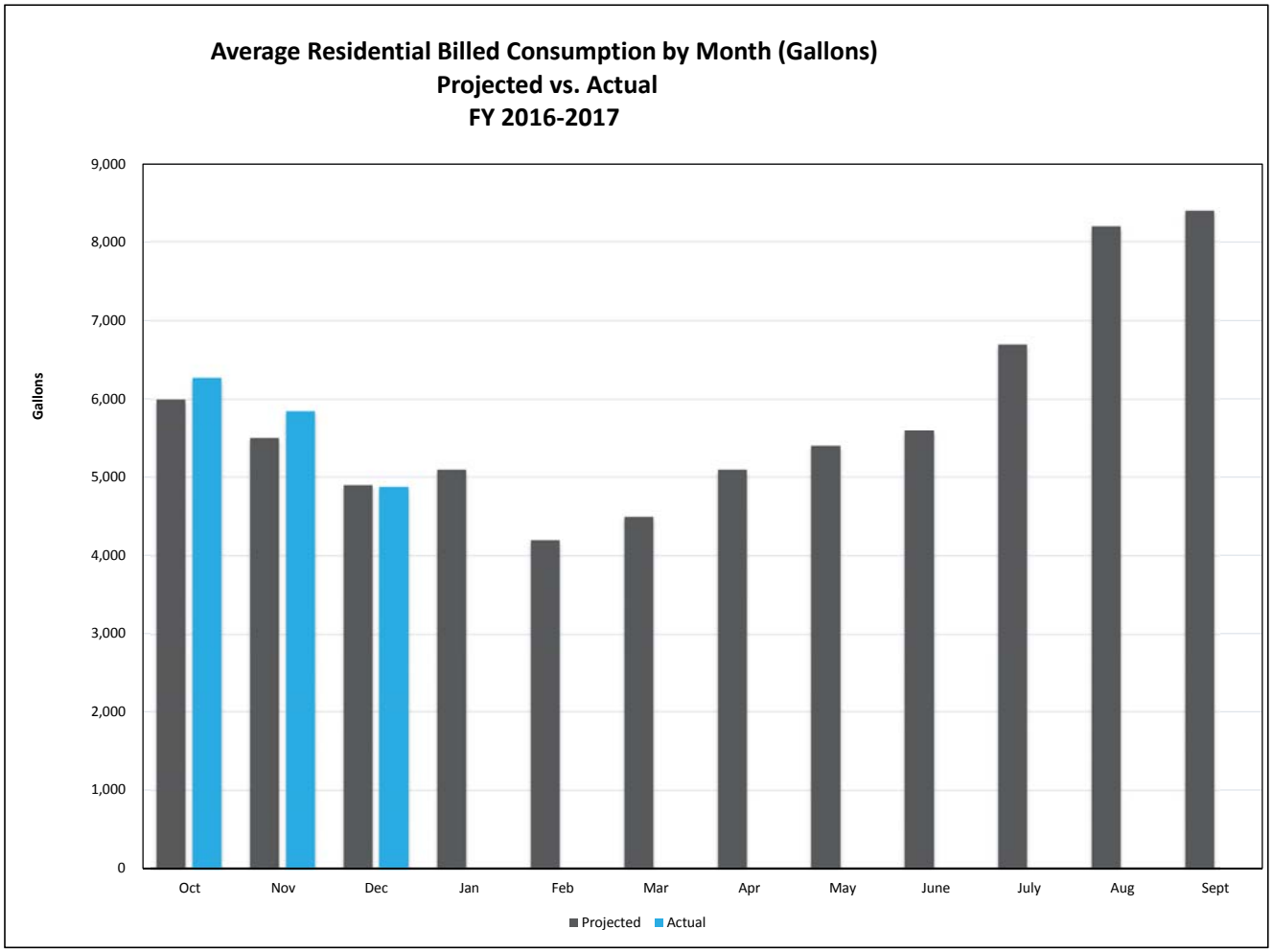
Billed Water Consumption (continued)



Class	Residential	Multifamily	Commercial	Large Volume	Wholesale
Projected	3.31	2.27	2.68	0.79	0.60
Actual	3.47	2.33	2.66	0.88	0.69
Variance	0.16	0.06	-0.02	0.09	0.09
Variance %	4.8%	2.6%	-0.7%	11.4%	15.0%

For the fiscal year through December 2016, billed water consumption was 10.03 BG. This was 0.38 BG, or 3.9%, more than projected for all customer classes combined. Residential, Multifamily, Large Volume, and Wholesale classes were each above projections for the year.

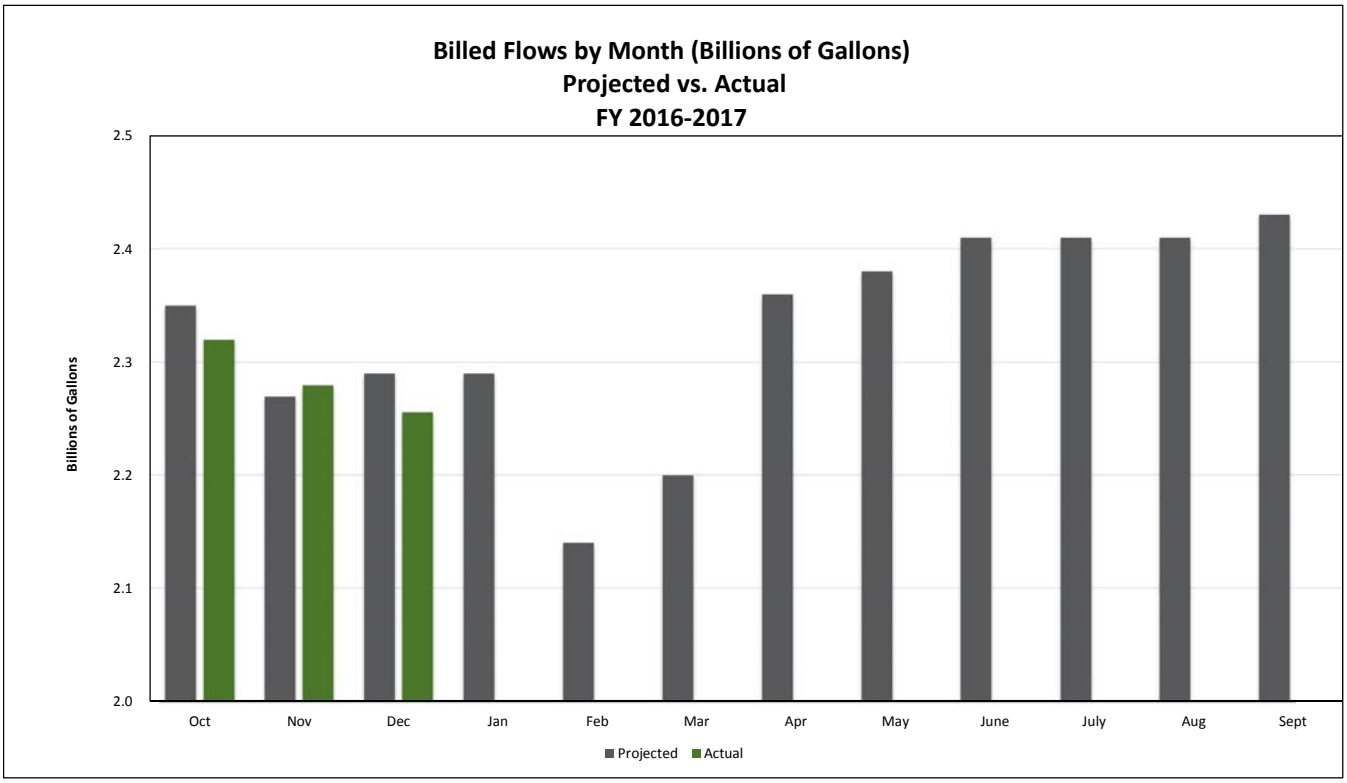
Billed Water Consumption (continued)



Average Residential Water Consumption	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Projected	6,000	5,500	4,900	5,100	4,200	4,500	5,100	5,400	5,600	6,700	8,200	8,400
Actual	6,277	5,851	4,880									
Variance	277	351	(20)									
Variance %	4.6%	6.4%	-0.4%									

Average Residential billed consumption for December 2016 was 4,880 gallons. This was 20 gallons, or 0.4%, less than projected for the month.

Billed Wastewater Flows

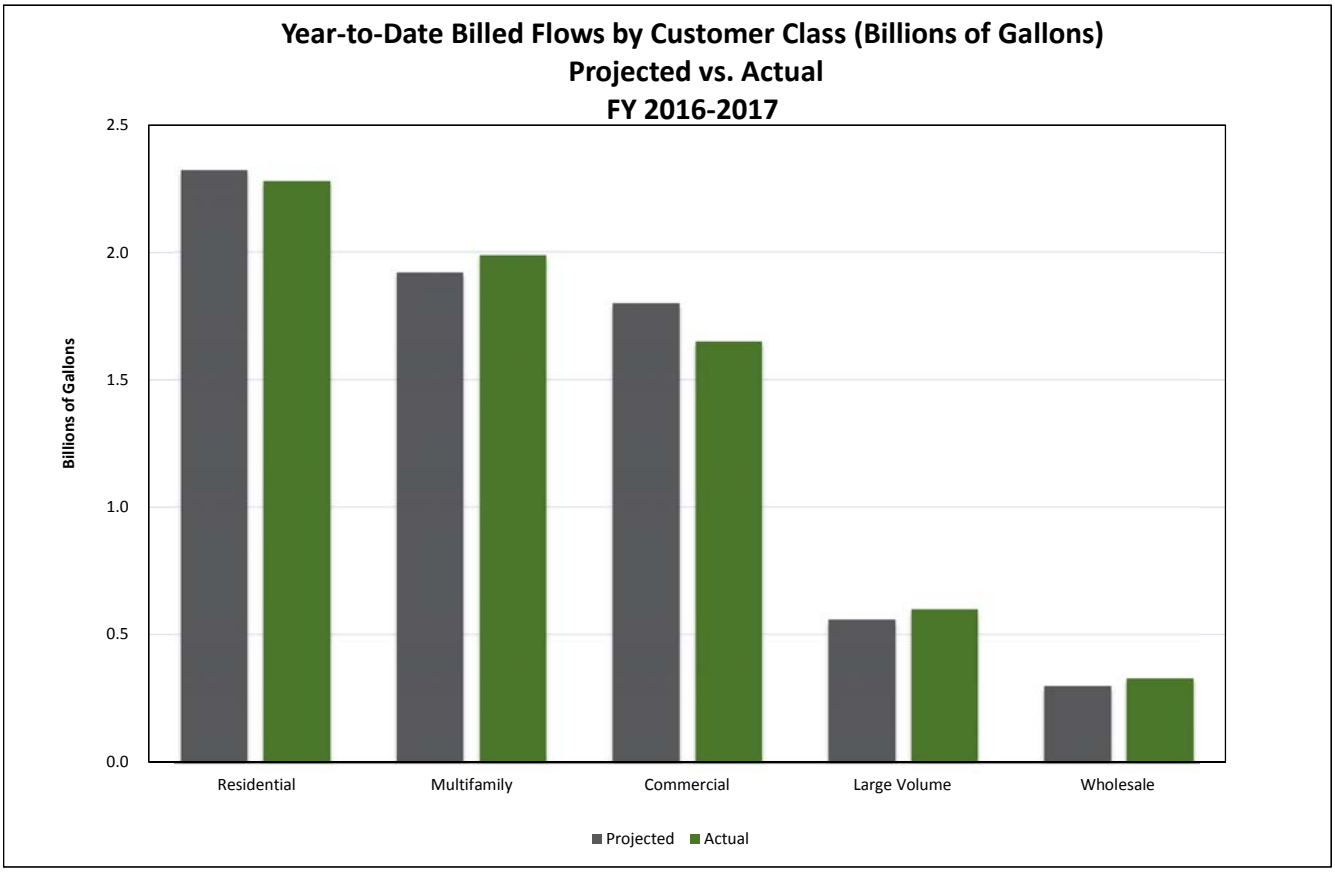


Month	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Projected	2.35	2.27	2.29	2.29	2.14	2.20	2.36	2.38	2.41	2.41	2.41	2.43
Actual	2.32	2.28	2.26									
Variance	-0.03	0.01	-0.03									
Variance %	-1.3%	0.4%	-1.5%									
YTD												
Projected	2.35	4.62	6.90	9.19	11.33	13.53	15.89	18.27	20.68	23.09	25.49	27.92
Actual	2.32	4.60	6.85									
Variance	-0.03	-0.02	-0.05									
Variance %	-1.3%	-0.4%	-0.8%									

Actual billed flows for December 2016 were 2.26 BG. This was 0.03 BG, or 1.5% below the projection for the month. For the fiscal year, actual billed flows were 6.85 BG. This was 0.05 BG, or 0.8%, less than projected for the fiscal year.

Wastewater bills are determined by each customer's actual water consumption for the month or wastewater winter average, whichever is lower, except for customers who have wastewater measuring devices installed.

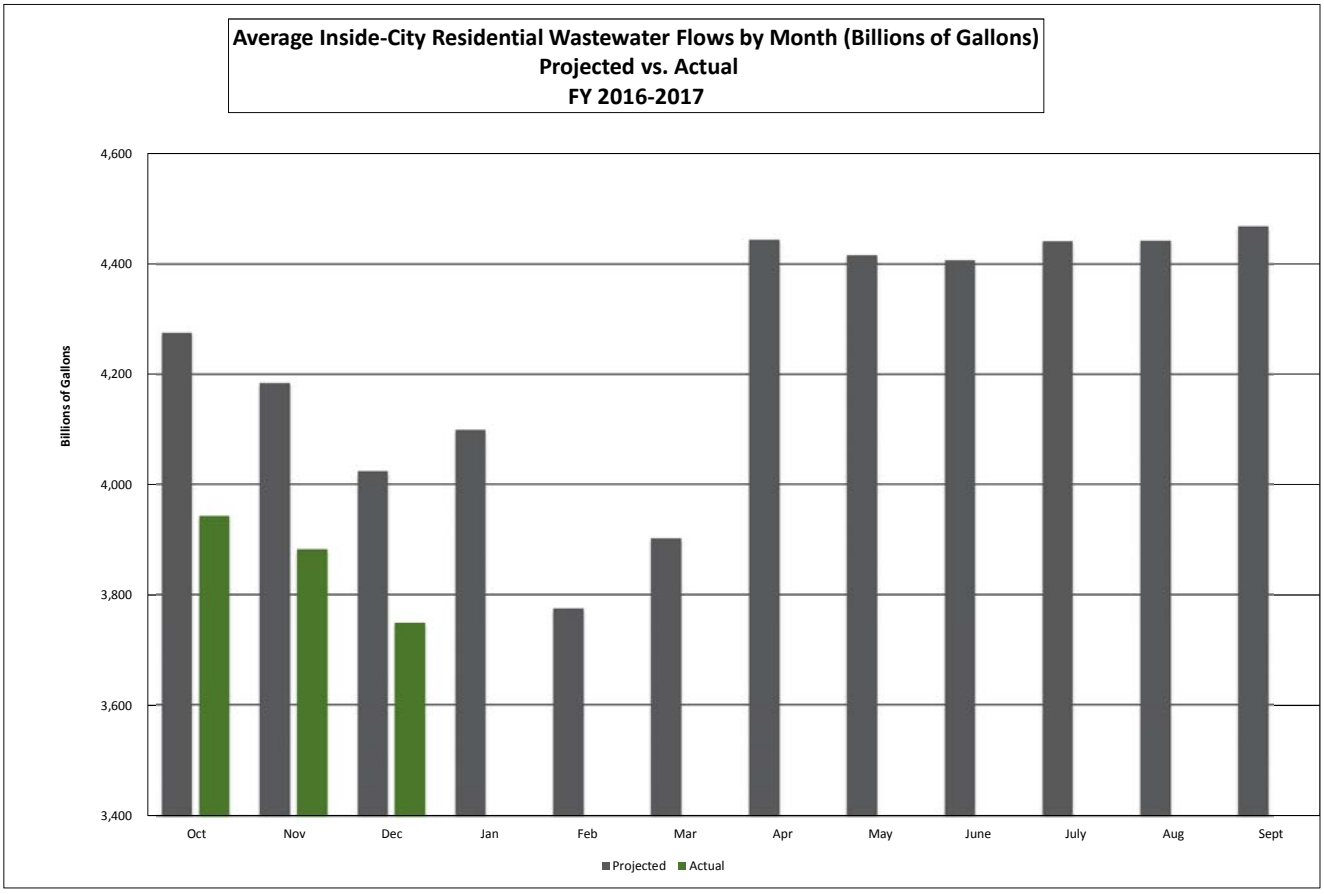
Billed Wastewater Flows (continued)



Class	Residential	Multifamily	Commercial	Large Volume	Wholesale
Projected	2.32	1.92	1.80	0.56	0.30
Actual	2.28	1.99	1.65	0.60	0.33
Variance	-0.04	0.07	-0.15	0.04	0.03
Variance %	-1.7%	3.6%	-8.3%	7.1%	10.0%

Overall, billed wastewater flows were 6.85 BG for the fiscal year through December 2016. This was 0.05 BG, or 0.8%, less than projected for all customer classes combined. As shown in the table above, billed wastewater flows were below projections in the Residential and Commercial classes, offsetting the higher billed flows in the other classes.

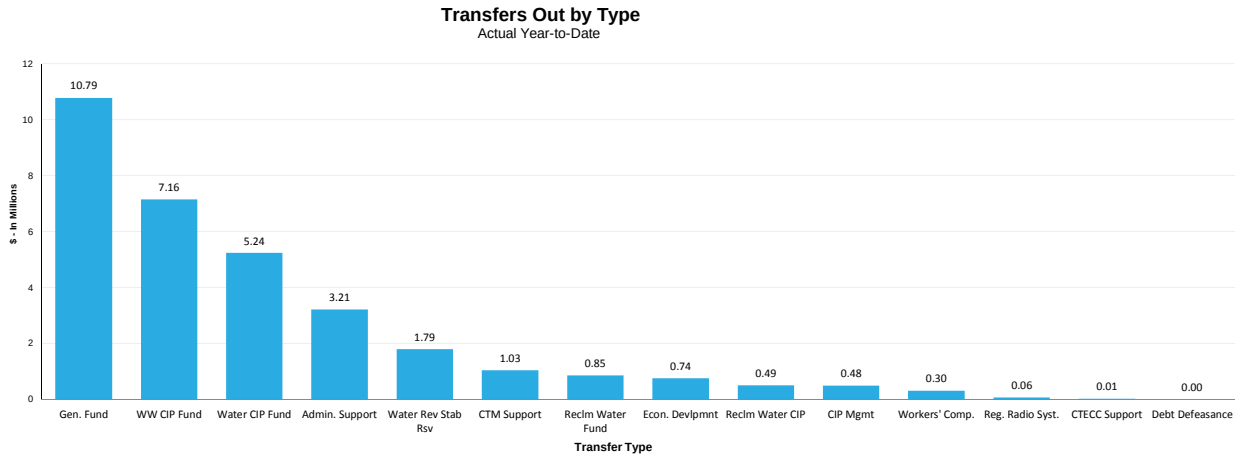
Billed Wastewater Flows (continued)

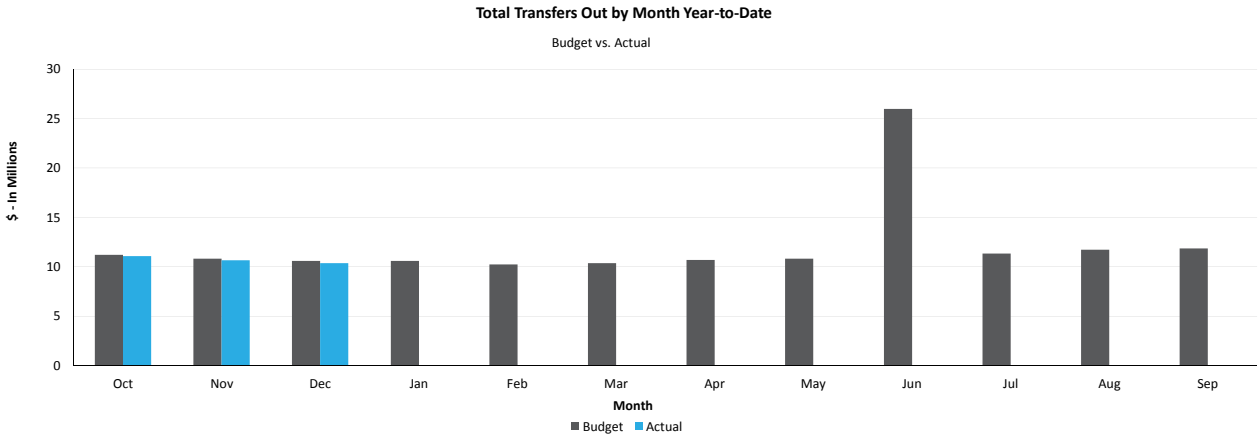


Average Inside City Residential Flows	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Projected	4,275	4,185	4,024	4,099	3,775	3,902	4,444	4,417	4,407	4,441	4,442	4,469
Actual	3,943	3,883	3,749									
Variance	(333)	(302)	(275)									
Variance %	-7.8%	-7.2%	-6.8%									

The average Residential billed flow for December 2016 was 3,749 gallons. This was 275 gallons, or 6.8%, less than projected for the month.

OTHER REPORTING



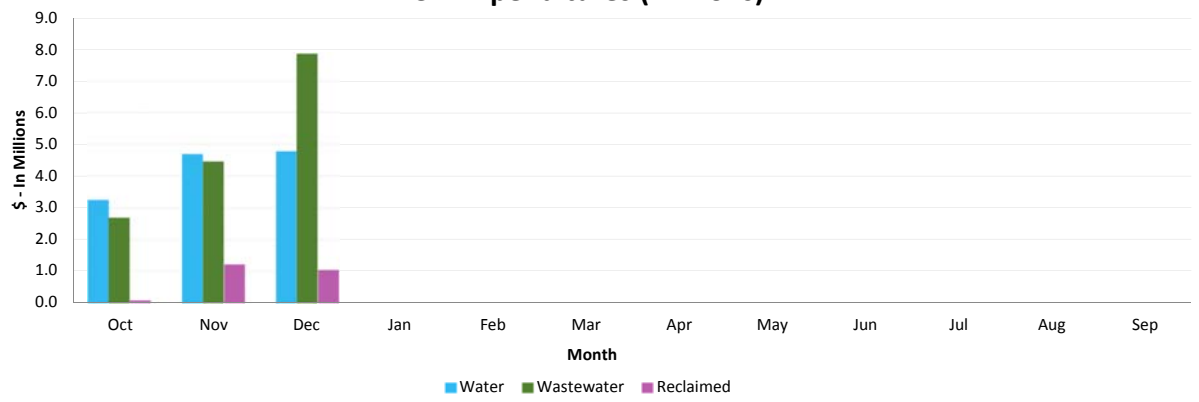


	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Budget	$ 11.23	$ 10.85	$ 10.61	$ 10.64	$ 10.27	$ 10.41	$ 10.72	$ 10.85	$ 26.01	$ 11.37	$ 11.77	$ 11.89	$ 146.60
Actual	$ 11.11	$ 10.67	$ 10.38										$ 32.17
Variance	$ 0.12	$ 0.18	$ 0.23										
Variance %	1.1%	1.7%	2.1%										

Transfers Out for the fiscal year through December 2016 totaled $32.17 million. This was $0.53 million less than the budget allotment for the year.

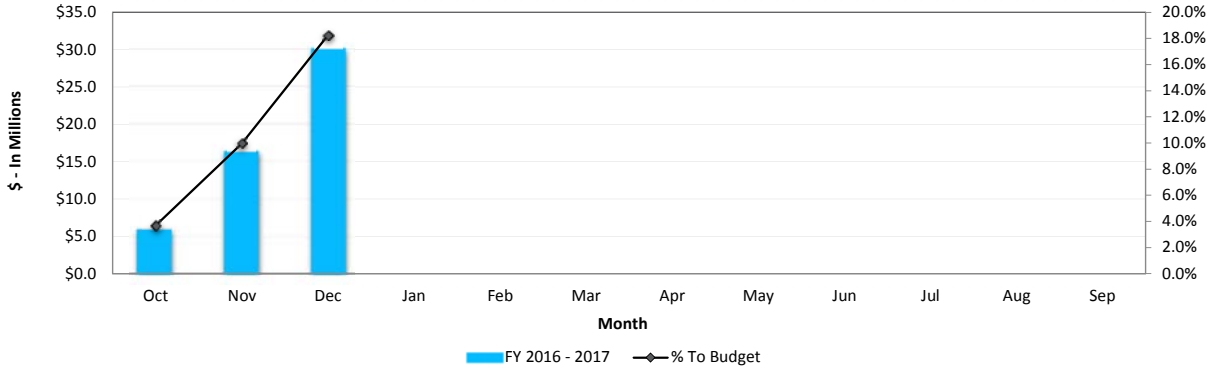
Transfers Out includes transfers for General Fund, Capital Improvement Program, Administrative Support, Water Revenue Stability Reserve Fund, Communication and Technology Management Fund (CTM), Reclaimed Water Fund, Economic Development Fund, Workers' Compensation Fund, Regional Radio System, and Emergency and Communications Center (CTECC).

CIP Expenditures (Millions)



Actual Expense	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	YTD
Water	$ 3.27	$ 4.69	$ 4.77										$ 12.73
Wastewater	2.70	4.46	7.86										15.02
Reclaimed	0.09	1.21	1.04										2.34
Total	$ 6.06	$ 10.36	$13.67										$ 30.09

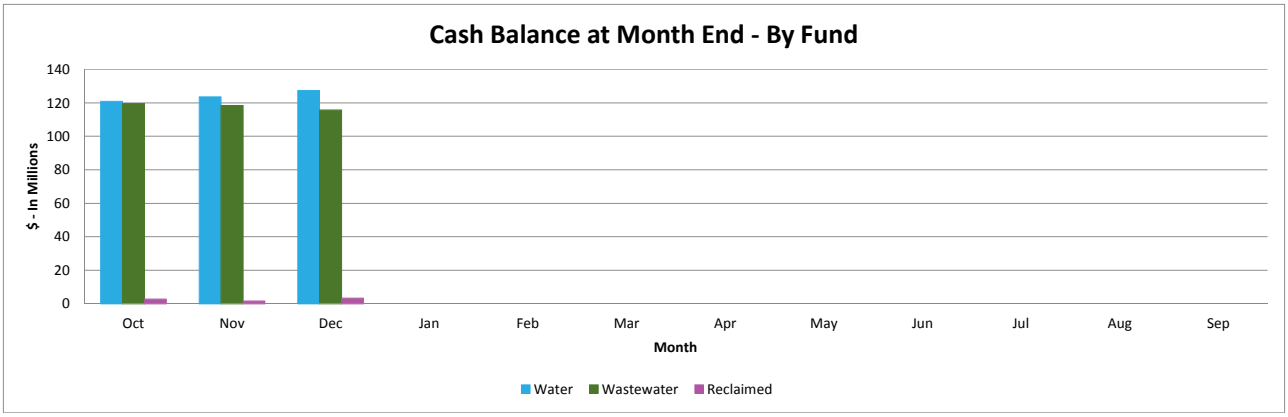
Year-to-Date Cumulative CIP Expenditures (Millions)



CIP	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 2016 - 2017	$ 6.06	$ 16.42	$30.09	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
% To Budget	3.67%	9.96%	18.25%									

CIP expenditures for the fiscal year through December 2016 totaled $12.73 million for water, $15.02 million for wastewater, and $2.34 million for reclaimed, for a combined total of $30.09 million, or 18.25% of the FY 2016-17 CIP spending plan.

The approved CIP spending plan for FY 2016-17 was $79.96 million for water, $69.07 million for wastewater, and $15.87 million for reclaimed for a combined total of $164.90 million.



FY 2016 - 2017 Cash Balances, Operating, CIP, Capital Recovery Fee - ($ In Millions)

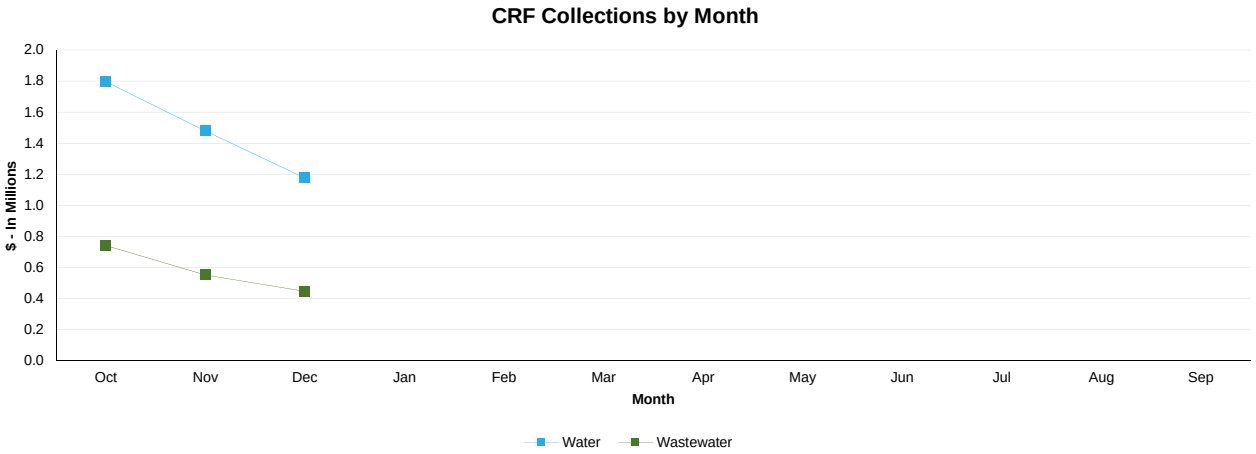
Ending Balance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Water	$ 120.85	$ 123.55	$ 127.36									
Wastewater	119.52	118.50	115.83									
Reclaimed	2.65	1.47	3.24									
Total Cash Balance	$ 243.02	$ 243.52	$ 246.42									

Ending_Balance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Operating	$ 120.71	$ 124.27	$ 124.83									
Capital Recovery Fee	26.53	28.56	30.18									
CIP	67.09	61.40	61.56									
Revenue Stability Reserve Fund	28.68	29.29	29.85									
Total Cash Balance	$ 243.02	$ 243.52	$ 246.42									

Combined cash balances for Water, Wastewater, and Reclaimed for the month of December 2016 totaled $246.42 million. The combined cash balance is made up of Operating, CIP, Capital Recovery Fee, and Revenue Stability Reserve Fund cash balances. The average daily cash balance for the fiscal year was $233.77 million at the end of December.

Combined Operating Cash Balances totaled $124.83 million. Combined CIP Cash Balances totaled $61.56 million. CIP cash balances may be kept negative to offset high operating balances as a cash management strategy to limit the amount of cash in all funds to a range determined by economic conditions. This delays the need to issue additional commercial paper to fund CIP projects. The Revenue Stability Reserve Fund totaled $29.85 million.

Capital Recovery Fee (CRF) Cash Balances totaled $30.18 million at the end of the month. Prior to FY 2001-02, CRFs were used solely for debt defeasance, providing only short-term debt service savings. Austin Water now transfers CRFs to the operating funds, from which transfers are made to debt service funds.



FY 2016 - 2017 CRF Collections by Month, Water, Wastewater, and Total (Millions)

ActualRevenue	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Water	$ 1.80	$ 1.48	$ 1.17										$ 4.45
Wastewater	0.74	0.55	0.45										1.74
Combined Total	$ 2.54	$ 2.03	$ 1.62										$ 6.19

Capital Recovery Fee (CRF) collections and interest for the month of December 2016 were $1.17 million for Water and $0.45 million for Wastewater for a total of $1.62 million. For the fiscal year, a total of $6.19 million in CRFs and interest has been collected.