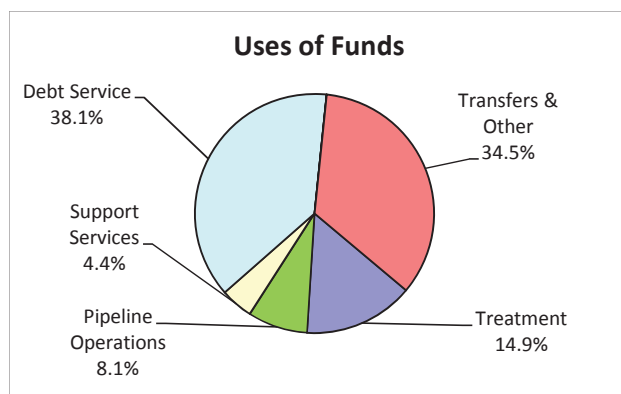
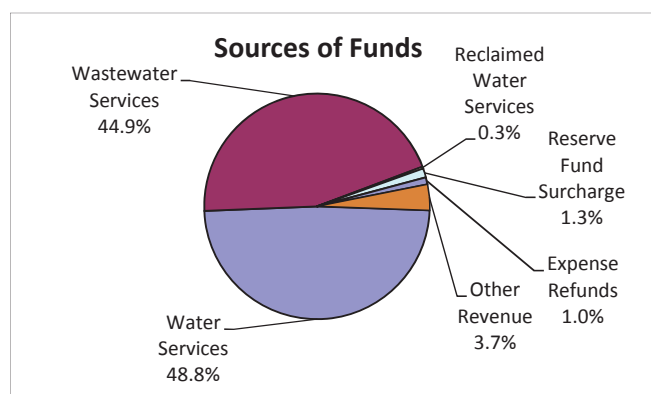


Austin Water



Budget Overview

	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Water Utility Fund					
Revenue	\$240,114,881	\$243,835,832	\$277,260,199	\$287,108,838	\$288,078,963
Transfers In	\$3,290,183	\$17,350,147	\$6,450,291	\$6,450,291	\$7,250,291
Requirements	\$278,198,052	\$264,299,084	\$267,211,440	\$270,164,421	\$275,153,744
Full-Time Equivalents (FTEs)	553.48	591.53	587.00	587.00	589.91
Wastewater Utility Fund					
Revenue	\$237,264,541	\$236,654,120	\$240,738,213	\$241,198,961	\$258,956,771
Transfers In	\$1,950,291	\$3,750,291	\$3,150,291	\$3,150,291	\$3,480,722
Requirements	\$221,740,752	\$244,392,435	\$233,974,444	\$234,422,063	\$238,256,790
Full-Time Equivalents (FTEs)	538.62	562.82	557.35	557.35	555.59
Reclaimed Utility Fund					
Revenue	\$863,915	\$847,478	\$974,068	\$1,181,028	\$1,771,481
Transfers In	\$1,920,000	\$3,760,000	\$2,060,000	\$2,060,000	\$3,400,000
Requirements	\$753,440	\$5,158,498	\$4,303,423	\$4,343,051	\$5,260,890
Full-Time Equivalents (FTEs)	2.00	3.00	3.00	3.00	3.00
Expense Refunds	\$584,885	\$851,687	\$6,995,353	\$5,784,048	\$5,879,586
Total Budget	\$501,277,129	\$514,701,704	\$512,484,660	\$514,713,583	\$524,551,010

Austin Water

Organization by Program and Activity for 2016

Engineering Services

Collection System Engineering
 Distribution System Engineering
 Facility Engineering

Environmental Affairs & Conservation

Environmental and Regulatory Services
 Public Affairs
 Special Services
 Water Conservation
 Wildland Conservation

One Stop Shop

Inspection, Review, and Support

Other Utility Program Requirements

Other Utility Program Requirements

Pipeline Operations

Pipeline O&M Support
 Pipeline Wastewater Operations
 Pipeline Water Operations

Reclaimed Water Services

Reclaimed Water Services Support

Support Services

Departmental Support Services

Transfers and Other Requirements

Debt Transfers
 Interfund Transfers
 Other Requirements

Treatment

Process Engineering
 Treatment O&M Support
 Wastewater Operations
 Water Operations

Water Resources Management

Engineering Design and Construction
 Standards
 Infrastructure Management
 Systems Planning
 Utility Development Services

Austin Water

Mission and Goals for 2016

Mission

The mission of Austin Water is to provide safe, reliable, high quality, sustainable, and affordable water services to our customers so that all community needs for water are met.

Goals

Strengthen customer value and stakeholder relationships:

- Minimize loss of water. Respond to 90% priority 1 leaks within 3 hours.
- Reduce customer service complaints. Keep customer service complaint rate to no greater than 0.08%.

Protect the water supply and environment through sustainable practices:

- Contribute to the conservation of the region's water supply by reducing growth of potable water demand. Work to reduce total water pumpage per capita per day to 123 gallons.
- Reduce greenhouse gas emissions through the City's Climate Protection Plan. Meet or exceed Climate Protection Plan goal of 5% per year reduction in administrative and fleet carbon footprint through 2020.
- Protect water quality and conserve habitat for endangered species. Conduct planned conservation practices or compliance monitoring on at least 16,000 acres of Austin Water's wildlands.

Protect the public health and safety by providing high quality water services:

- Maintain quality of drinking water to a higher standard than regulatory requirements. Ensure drinking water quality turbidity of 0.10 Nephelometric Turbidity Units.
- Maintain quality of wastewater effluent being discharged to the environment by maintaining higher quality than permitted standard. Ensure carbonaceous biological oxygen demand of 3.0 in treated wastewater.
- Reduce the number and volume of Sanitary Sewer Overflows. Keep number of reportable wastewater overflows per 100 miles of sewer lines below 3.
- Inspect 100% of fire hydrants during the calendar year.

Maintain strong financial position to ensure improved cost structure and competitive rates:

- Maximize utility revenue from all available sources. Keep dollar amount of revenue recovery from accounts with meter problems, incorrect customer class designations, wastewater averaging issues, or other revenue adjustments above \$2.5 million.
- Control total operating costs. Keep total operating costs at or below 98% of budget.
- Minimize utility debt. Keep percentage of cash funding of capital improvement spending above 20%.

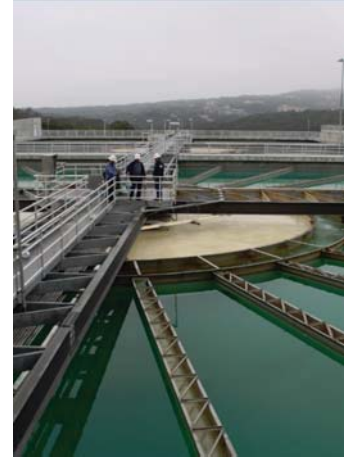
Optimize life cycle cost of existing and future assets:

- Improve effectiveness and efficiency of Capital Improvement Program project delivery. Achieve 90% of planned Capital Improvement Program spending each fiscal year.
 - Enhance infrastructure management prioritization and coordination by providing a Geographical Information Systems inventory of more than 95% of active capital improvement projects.
-

Austin Water

Message from the Director

Austin Water (AW) provides water, wastewater, reclaimed water, conservation and environmental protection services to nearly 890,000 retail and wholesale customers spanning over more than 500 square miles. AW draws water from the Colorado River into three regional water treatment plants that have a combined maximum capacity of 335 million gallons per day. Drinking water is pumped from the plants into Austin's water distribution system, which has a total reservoir storage capacity of approximately 170 million gallons. AW also operates a collection system where wastewater is converted into effluent and safely released into the Colorado River to augment environmental flows or recycled into reclaimed water for uses such as irrigation or industrial cooling. Hornsby Bend biosolids facility has gained national recognition for its management of the waterways and lands, leading to its recognition as a national birding sanctuary. In addition, AW manages over 40,000 acres of wildlands to protect water quality and endangered species habitat. AW also promotes water conservation through educational and incentive programs.



Clarifier

Austin Water accomplishments and awards in 2015 include:

- Texas Water Development Board Blue Legacy Award for large utilities (second year in a row)
- Texas Chapter of the American Water Works Association Water Conservation & Reuse Award for commercial audit rebate program (second year in a row)
- South Austin Regional Wastewater Treatment Plant has received the National Association of Clean Water Agencies Platinum Award and Walnut Creek Wastewater Treatment Plant received the Gold Award
- Ullrich (15 Year Mark) and Davis (14 Year Mark) Water Treatment Plants received the Partnership for Safe Water Director's Award
- Formal adoption by Home Builders Association of Greater Austin of waterwise landscaping guidelines developed in partnership with Austin Water and LCRA
- Advancement and approval of City Code amendments that facilitate the use of auxiliary waters such as reclaimed water, rain water and gray water

Austin Water continues to deliver high-quality water and wastewater services to its customers. Reliable water and wastewater services are essential to the health and welfare of the community. While AW has been recognized for the excellence of utility services and management practices, the Utility continues to face challenges including on-going drought response and water supply sustainability and diversification, revenue shortfalls and need for rate increases, aging infrastructure risk management and sustainability, maintaining service levels for a growing service area, and managing regulatory requirements.

Austin Water is confident that we will meet all of the challenges we face. We continue to be a leader in our industry and will adapt to changing conditions. Our vision is to be recognized as the best water utility in the nation, in a city that is the best managed city in the nation. Our team is committed to achieving these lofty goals, while providing safe, reliable, high quality, sustainable and affordable water to our customers and protecting the environment through sustainable practices.

Greg Meszaros, Director
Austin Water

Budget Highlights

The FY 2015-16 Budget for Austin Water addresses major operating and capital improvement issues while allowing the utility to continue to provide high quality water and wastewater services. A reliable water supply, quality customer services, appropriate investment in infrastructure and affordable rates are still the Utility's priorities. However, the upcoming fiscal year continues to present challenges for the Utility to address revenue volatility due to water conservation efforts and stage 2 water restrictions from the drought in central Texas.

The FY 2015-16 Budget projects total available funds of \$562.9 million and total requirements of \$518.7 million. A system-wide rate increase of 4.9% is necessary in FY 2015-16 to ensure that AW meets its cost burden while maintaining the level and quality of service it provides to its customers.



Colorado River

Revenue

According to the Lone Star Sierra Club, the City of Austin has one of the most aggressive water conservation programs in Texas. AW aspires to lead the state and the nation in innovative ways to sustain our natural resources. Water conservation initiatives could prolong the "trigger" to purchase additional water under the existing Lower Colorado River Authority (LCRA) supply agreement and defer the need to expand capital infrastructure in the long term, a goal the Utility genuinely supports. However, more than 80% of the Utility's costs are fixed and conservation activities create revenue volatility that is unsustainable in the short term.

In 2015, the combined storage water supply of Lakes Travis and Buchanan has exceeded 1.3 million acre-feet, however, the City will remain cautious in lifting any Stage 2 restrictions until it is certain that the risk to our water supply has passed and our storage lakes have fully recovered. If drought conditions return and worsen, the City is prepared to implement Stage 3 restrictions, which is considered if Lakes Travis and Buchanan reach a combined storage volume of 600,000 acre-feet. In Stage 3, one-day-per-week watering is allowed, but watering hours are further restricted compared to Stage 2 and other restrictions apply. For Stage 3 water restrictions, the City Council has already approved a drought surcharge of \$1.00 per thousand gallons of water usage that would be charged to all customers.

For FY 2015-16, AW is projecting an increase in revenue of \$29.8 million or 5.7%, from \$518.9 million in the current year estimate to \$548.8 million. The increase is the result of the projected growth in customers and the projected system-wide rate increase.

Rates

In FY 2015-16, the projected revenue increase needed to cover operating requirements, debt service, and transfers out is higher than the projected increase in base revenue from system growth, necessitating increases in water, wastewater, and reclaimed water rates. A 4.8% rate increase for water service, a 4.8% rate increase for wastewater service, and a 15.0% rate increase for reclaimed water for a combined rate increase of 4.9% are included in the Budget. In addition, the Water Reserve Fund volumetric surcharge is projected to remain at \$0.19 per 1,000 gallons in FY 2015-16. As a result, AW projects collection of \$7.2 million in Surcharge Revenue.



Current conditions on Lake Travis

Water consumption in the residential customer class has continued to drop since FY 2011-12 and Austin Water adjusted its projections to more closely align with the “new” average residential customer usage pattern, post Stage 2 water use restrictions and drought weather conditions. The FY 2015-16 Budget assumes a reduction in the average residential customer water consumption from 7,000 gallons to 5,700 gallons, while the wastewater average assumes a reduction from 4,700 gallons to 4,000 gallons of wastewater discharge. The table below reflects the proposed average residential customer annualized bill impacts for FY 2015-16. The average residential water and wastewater bill is based on 5,700 gallons of water usage and 4,000 gallons of wastewater per month with a 5/8” meter.

Average FY 2015-16 Residential Customer Bill Impact				
	<u>Current 2015 Rates¹</u>	<u>Proposed 2016 Rates¹</u>	<u>\$ Variance</u>	<u>% Variance</u>
Water Service ²	\$36.20	\$38.74	\$2.54	7.0%
Wastewater Service	\$37.58	\$39.98	\$2.40	6.4%
Total Revenue	<u>\$73.78</u>	<u>\$78.72</u>	<u>\$4.94</u>	6.7%

Notes:

1. Bills based on 5,700 gallons of water and 4,000 gallons of wastewater discharge
2. Bill includes the Reserve Fund Surcharge

Additional information on rates can be found in the fee schedule in Volume II of the Budget Document.

Requirements

Total requirements in the FY 2014-15 Budget reflected a \$29.9 million or 5.5% reduction from FY 2013-14 Budget, which was rolled forward into the FY 2015-16 base budget. Increases in base cost drivers such as wage adjustments, insurance costs, bad debt expenses, and Austin Energy billing and customer care caused Austin Water’s total operating requirements to rise compared to prior year. Austin Water is also projecting an increase to the operating fund cash transfers for water, wastewater, and reclaimed water CIP spending. Austin Water has been very prudent in its spending and strives to be a lean organization while continuing to provide high level and quality services for an expanding customer base. Debt service requirements are projected to decrease \$14.0 million due to savings produced by a 2015 bond refinancing. Total requirements in the Proposed FY 2015-16 Budget are \$518.7 million, an increase of \$9.7 million or 1.9%.

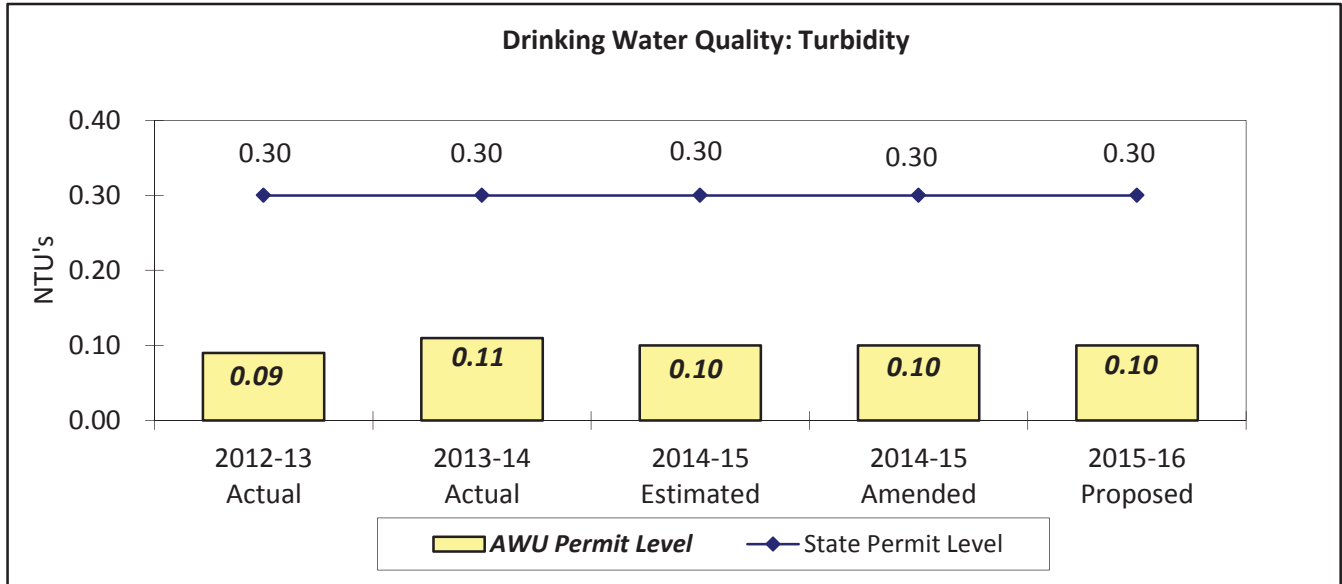
For FY 2015-16, Austin Water is adding one FTE for the Balcones Canyonlands Preserve. Fifty percent of the cost for this position will be reimbursed by Travis County. Due to cost containment efforts, Austin Water will further delay the 5-year staffing plan developed in FY 2012-13 and began during FY 2013-14.

The current 5-year Capital Improvements Program (CIP) spending plan for FY 2016-20 emphasizes replacement and rehabilitation of critical assets throughout the water and wastewater systems, which consist of horizontal assets (pipes, valves, etc.) and vertical assets (treatment plants, pump stations, reservoirs, lift stations, etc.). The focus on rehabilitation

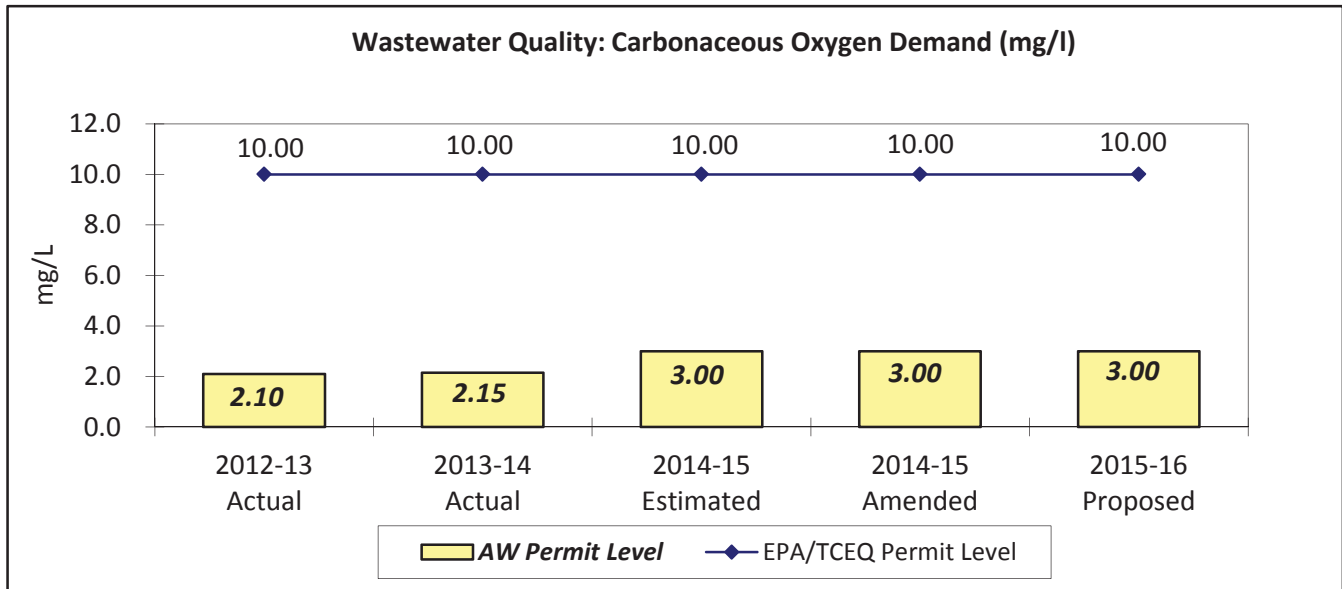
and replacement of older assets can reduce operating costs by increasing the efficiency of the system. The CIP remains flat with the exception of additional spending of \$23.3 million for water supply initiatives related to the Austin Water Resource Planning Task Force recommendations.

Key Performance Indicators

The following graphs indicate that both water and wastewater qualities exceed state standards.



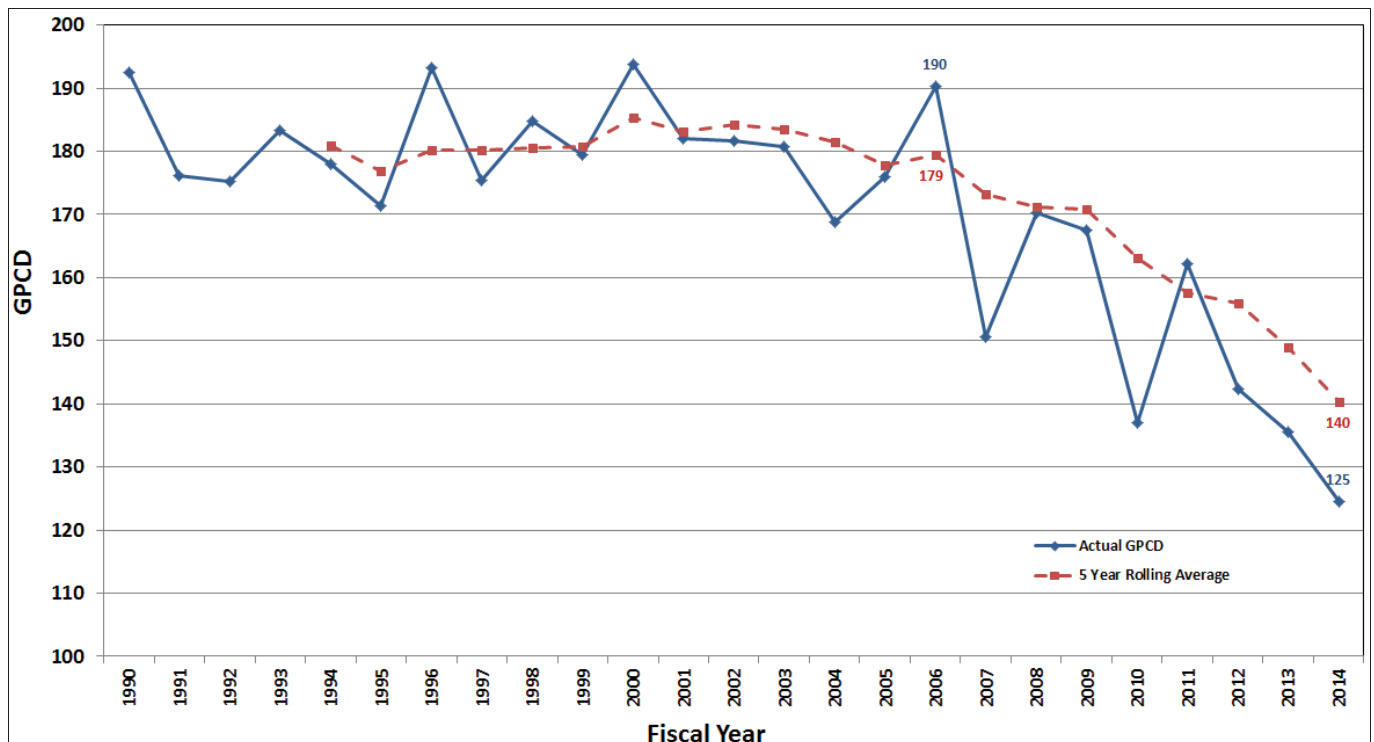
One way of assessing drinking water quality is to examine its turbidity, or the relative clarity of a liquid. Turbidity is measured in Nephelometric Turbidity Units (NTU) and it is an excellent measure of plant optimization to ensure maximum public health protection. NTUs of 1.0 or less generally are not detected by the naked eye. Per the Safe Water Drinking Act, the permit level for drinking water Turbidity is less than 0.30 NTUs 95% of the time. Austin Water projects turbidity for FY 2015-16 at 0.10 NTU's.



One way of assessing the quality level of treated wastewater effluent is to compare the actual level of Biochemical Oxygen Demand (BOD), in milligrams per liter (mg/L), to the permitted level mandated by the Environmental Protection Agency (EPA) and the Texas Commission on Environmental Quality (TCEQ). Austin's wastewater treatment measures have historically been well below the permitted level of 10.00 mg/L.

Water Conservation

Continuing initiatives in the Water Conservation program for FY 2015-16 include partnerships with Austin Energy to assist with water-saving repairs in low-income homes and multifamily properties, as well as incentives for outdoor water use reduction and commercial equipment upgrades. New programs include a rebate for passive rainwater collection (“rainscaping”) on residential properties as a complement to existing rainwater harvesting and water-wise landscape rebates. Austin Water’s long-range conservation efforts preserve environmental flows in the Colorado River and delay additional water supply costs, while reducing average water use per day. In FY 2013-14, gallons of water pumpage per capita per day (GPCD) reached 125 and AW anticipates continuing to reduce pumpage. Despite increased spring rainfall in 2015, the FY 2015-16 budget anticipates continued drought conditions in Central Texas, with continuing water use restrictions until storage reservoirs have adequately recovered. Austin Water is well-positioned for any potential mandatory curtailment, having used less water in FY 2013-14 than would have been allotted by LCRA under pro-rata conditions and continuing to reduce usage, as shown in the following graph.



Austin Water

Significant Changes

Austin Water Utility Fund

Revenue Changes	Dollars
Increase in Water Service revenue from the combined impact of revised water consumption projections, which includes Stage 2 water restrictions, and an increase in revenue resulting from the proposed 4.8% water rate increase.	\$903,321
Increase in Wastewater Service revenue from the combined impact of an increase in base revenue from revised projections that include annexations that occurred in FY 2014-15, which increased wastewater averages, and an increase in revenue resulting from the proposed 4.8% wastewater rate increase.	\$17,843,322
Increase in Reclaimed Water Service revenue from a proposed 15.0% system-wide base reclaimed water rate increase.	\$589,879
Decrease in Reserve Fund Surcharge revenue from maintaining the volumetric rate at \$0.19 per 1,000 gallons for all customer classes and the ongoing impact of Stage 2 Water restrictions. Revenue from this surcharge is placed into a separate reserve fund to be used for future water revenue shortfalls and remain in compliance with an Austin Water financial policy.	(\$100,332)
Increase in Miscellaneous & Interest Income revenue from the increase in revenue for Miscellaneous Telecom and Industrial Waste Permits, and an increase in interest rate assumption for FY 2015-16.	\$82,198
Increase in Transfers-in from Capital Recovery Fees from transferring a larger portion of impact fee collections. Transfers-in from the water and wastewater utility funds, used to cover reclaimed utility costs that are not recovered through reclaimed service revenue, increased due to a projected increase in growth-related expenses. FY 2015-16 also includes an increase of \$130,430 for the initial payment from Austin Resource Recovery for the extension of a wastewater line extension.	\$2,470,431
Expenditure Changes	FTEs Dollars
Citywide Cost Drivers	
Additional funding to cover the cost of a 3% wage increase for FY 2015-16, to implement a Citywide market study, and to increase City contributions for health insurance by 12%.	\$4,774,709
An increase to Accrued Payroll.	\$429,342
A decrease in Workers' Compensation.	(\$332,042)
A decrease in fleet fuel charges and fleet preventative maintenance costs.	(\$1,050,607)

Expenditure Changes	FTEs	Dollars
Department Cost Drivers		
A new position was added to serve as the Balconies Canyonland Reserve Fund Coordinating Committee Secretary; which will be jointly funded by the City of Austin and Travis County.	1.00	\$0
A partial position was added to make an existing position half-time.	0.15	\$0
An increase in temporary employees due to additional staff needed for plan review and inspection of fiberoptic projects.		\$213,810
Vacancy savings has been adjusted down to reflect current vacancy trends.		\$707,652
An increase in Public Works Department – Capital Projects Management fund charges related to additional engineering services including assistance with engineering plan reviews, plumbing plans submitted at the Development Assistance Center and horizontal asset management reporting.		\$319,730
An increase in the Communication Technology Management support allocation.		\$415,929
An increase in the Utility Billing System support.		\$2,607,454
An increase in bad debt expense based on revenue collection trends.		\$2,063,995
An increase in additional fees paid to LCRA due to the additional amount of raw water pumped from Lake Travis.		\$330,000
Decreases in SWAP cost and Commercial Paper Administrative expense due to a new Letter of Credit Reimbursement Agreement resulting in significant cost savings.		(\$2,429,204)
An increase in non-CIP capital equipment purchases.		\$589,633
A decrease in the Debt Service requirements primarily due to savings produced by a 2015 bond refinancing.		(\$14,042,981)
An increase in the operating fund cash transfers for capital spending to Water, Wastewater, and Reclaimed Water CIP funds.		\$8,350,000
An increase to the General Fund Transfer to maintain Council policy of 8.2% of gross revenue.		\$2,037,845
A decrease to the City Administrative Support Transfer.		(\$947,470)
An increase to the Water Revenue Stability Reserve Fund Transfer.		\$1,899,668
An increase to the Economic Development Fund Transfer.		\$799,427
An increase in the transfer to Reclaimed Water Fund from the Water and Wastewater Funds.		\$1,340,000

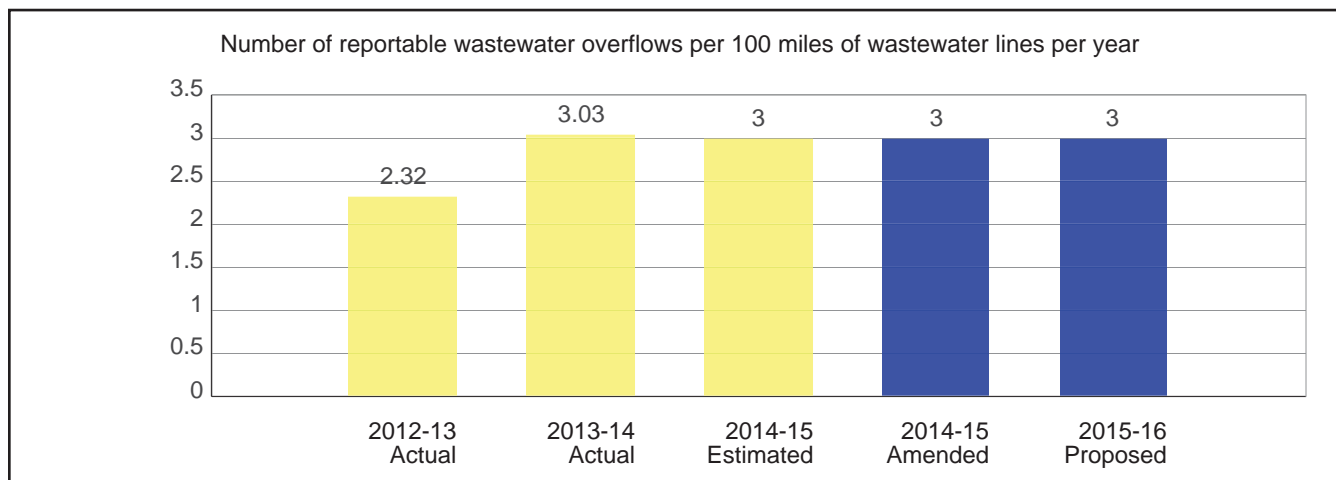
Austin Water

Budget Detail by Activity

Program: Engineering Services

Activity: Collection System Engineering

The purpose of Collection System Engineering is to provide effective engineering, program/project management, and technical support for the collection system infrastructure to reduce wastewater overflows and transport raw wastewater to the treatment plants and to rehabilitate and replace the aging water and wastewater lines.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Expense Refunds	46	0	813,566	813,566	956,667
Wastewater Utility Operating Fund	3,575,674	4,267,585	3,807,721	3,768,926	4,044,291
Water Utility Operating Fund	986,088	683,690	429,403	427,958	179,738
Total Requirements	\$4,561,807	\$4,951,275	\$5,050,690	\$5,010,450	\$5,180,696
Full-Time Equivalents					
Wastewater Utility Operating Fund					
Civilian	20.00	19.00	19.00	19.00	19.00
Water Utility Operating Fund					
Civilian	5.00	6.00	5.00	5.00	5.00
Total FTEs	25.00	25.00	24.00	24.00	24.00
Performance Measures					
Number of linear feet of wastewater main replaced or rehabilitated	52,618	28,321	30,000	45,000	35,000
Total linear feet of deteriorated water mains replaced or relocated	56,596	57,535	52,000	66,000	52,000
Number of reportable wastewater overflows per 100 miles of wastewater lines per year	2.32	3.03	3	3	3

Services

Engineering technical services for wastewater collection and water mains.

Contact

Kevin Koeller, Manager, 512-972-2055

Bold Measure = Key Indicator

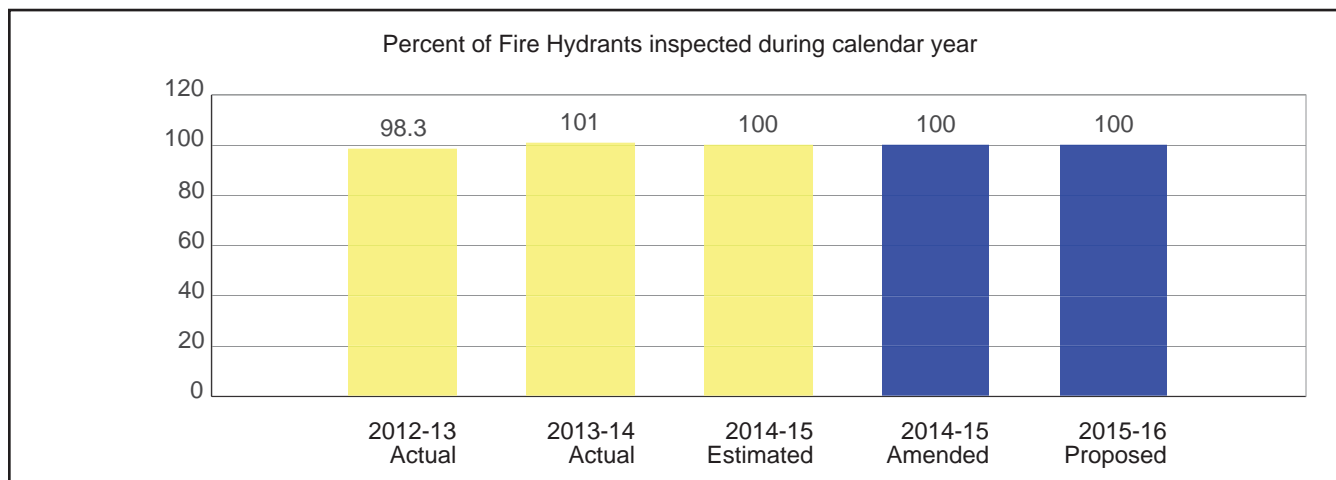
Austin Water

Budget Detail by Activity

Program: Engineering Services

Activity: Distribution System Engineering

The purpose of Distribution System Engineering is to provide effective engineering, project management and technical support to the water distribution infrastructure and control systems in order to reduce water leaks and continuously deliver reliable, safe and adequate supplies of drinking water from the treatment plants to the customers.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Expense Refunds	0	0	343,596	343,596	31,838
Water Utility Operating Fund	1,433,713	2,458,651	1,590,324	1,593,561	1,968,103
Total Requirements	\$1,433,713	\$2,458,651	\$1,933,920	\$1,937,157	\$1,999,941
Full-Time Equivalents					
Water Utility Operating Fund Civilian	9.00	9.00	10.00	10.00	10.00
Total FTEs	9.00	9.00	10.00	10.00	10.00
Performance Measures					
Linear feet of leak detection and condition assessment performed on large diameter water transmission lines	50,892	73,471	52,800	52,800	52,800
Miles of leak detection on small diameter water distribution system	698	720	500	500	500
Percent of Fire Hydrants inspected during calendar year	98.3	101	100	100	100

Services

Engineering technical services for the Distribution pipeline and reclaimed water systems, Design reviews and comments, Project management, Engineering consulting, Engineering services for the Distribution system and reclaimed water program.

Contact

Mark Dollins, Manager, 512-972-1028

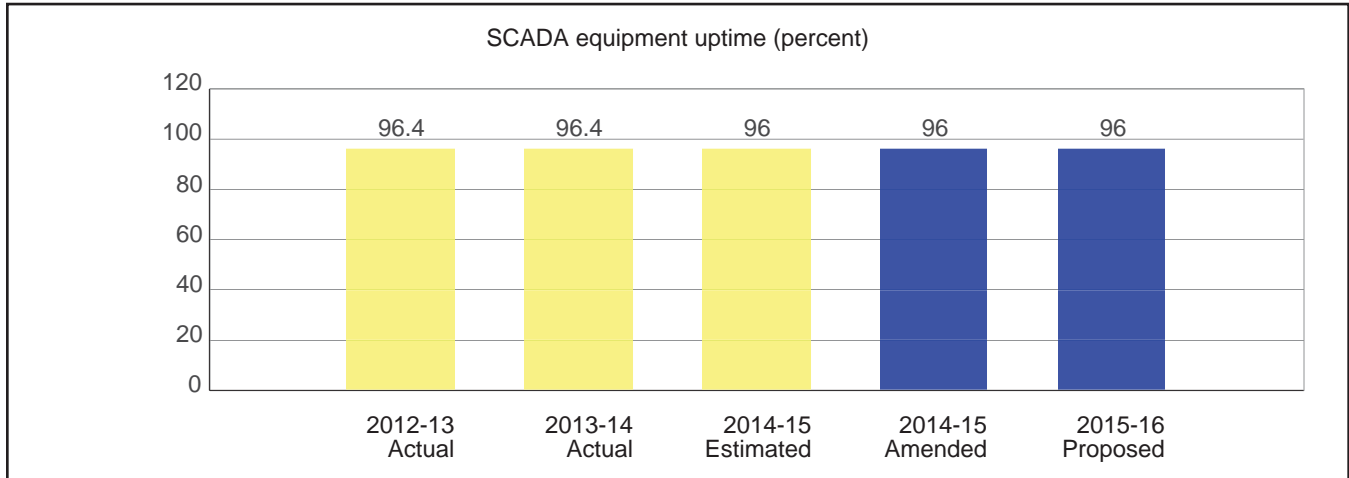
Austin Water

Budget Detail by Activity

Program: Engineering Services

Activity: Facility Engineering

The purpose of Facility Engineering is to provide effective engineering, project delivery and technical support for AWU treatment plants and related facilities, equipment and systems necessary to provide safe, reliable and high quality utility services to our customers.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Expense Refunds	0	0	1,119,399	1,119,399	1,605,364
Wastewater Utility Operating Fund	1,423,800	1,686,342	1,162,238	1,154,075	1,376,795
Water Utility Operating Fund	1,722,570	1,838,447	1,354,542	1,345,776	935,078
Total Requirements	\$3,146,370	\$3,524,789	\$3,636,179	\$3,619,250	\$3,917,237
Full-Time Equivalent					
Wastewater Utility Operating Fund					
Civilian	11.11	13.10	13.60	13.60	14.08
Water Utility Operating Fund					
Civilian	15.89	15.90	15.90	15.90	15.92
Total FTEs	27.00	29.00	29.50	29.50	30.00
Performance Measures					
Percent Facility Capital Plan spent	79	76.49	60	80	90
SCADA equipment uptime (percent)	96.4	96.4	96	96	96

Services

Project delivery, coordination, engineering and technical support for treatment plants and related facilities and systems.

Contact

Kevin Critendon, Manager, 512-972-0239

Bold Measure = Key Indicator

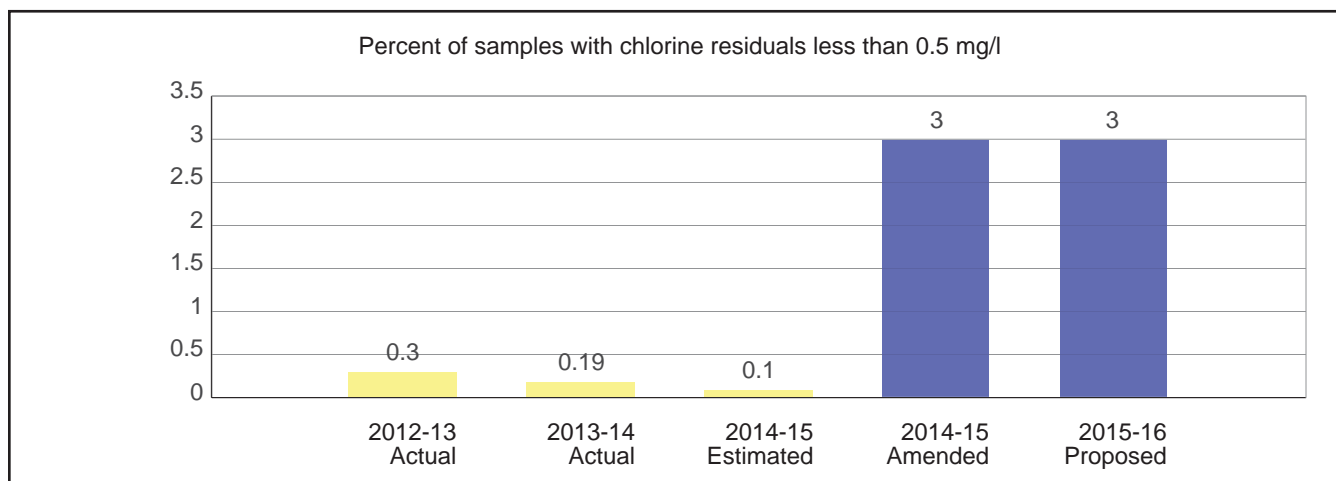
Austin Water

Budget Detail by Activity

Program: Environmental Affairs & Conservation

Activity: Environmental and Regulatory Services

The purpose of Environmental and Regulatory Services is to track proposed and enacted rules and regulations and provide information to Utility management in order to allow the Utility to be proactive in its regulatory compliance.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Wastewater Utility Operating Fund	670,951	673,252	652,566	666,776	675,343
Water Utility Operating Fund	584,774	549,776	539,191	551,507	556,019
Total Requirements	\$1,255,725	\$1,223,028	\$1,191,757	\$1,218,283	\$1,231,362
Full-Time Equivalents					
Wastewater Utility Operating Fund Civilian	6.00	6.00	5.50	5.50	5.50
Water Utility Operating Fund Civilian	5.00	5.00	4.50	4.50	4.50
Total FTEs	11.00	11.00	10.00	10.00	10.00
Performance Measures					
Percent of samples with chlorine residuals less than 0.5 mg/l	0.3	0.19	0.1	3	3
Utility-wide electricity use (kWh per million gallons)	2,326	2,301	2,232	2,400	2,352

Services

Liaison with State and Federal regulators; State legislation monitoring; Water and wastewater treatment alternatives and methods research; Compliance reporting.

Contact

Raj Bhattarai, Manager, 512-972-0075

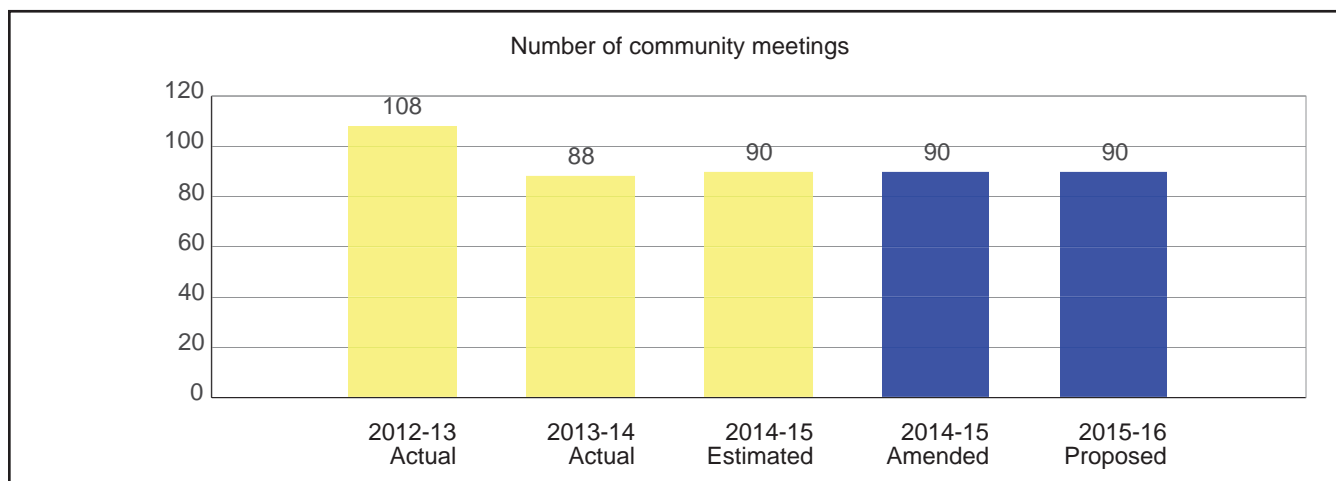
Austin Water

Budget Detail by Activity

Program: Environmental Affairs & Conservation

Activity: Public Affairs

The purpose of Public Affairs is to provide timely, accurate, and critical information regarding Austin Water to the residents of Austin.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Expense Refunds	933	0	0	0	0
Wastewater Utility Operating Fund	522,122	483,438	471,952	484,661	553,799
Water Utility Operating Fund	1,797,728	1,831,738	1,312,444	1,299,072	1,393,619
Total Requirements	\$2,320,783	\$2,315,177	\$1,784,396	\$1,783,733	\$1,947,418
Full-Time Equivalents					
Wastewater Utility Operating Fund					
Civilian	3.92	4.17	3.92	3.92	4.00
Water Utility Operating Fund					
Civilian	3.93	4.18	3.93	3.93	4.00
Total FTEs	7.85	8.35	7.85	7.85	8.00
Performance Measures					
Number of community meetings	108	88	90	90	90
Percentage of Press Coverage	100	100	100	100	100

Services

Provides information to the public regarding water conservation efforts, watering restrictions, wastewater overflows, water main breaks, boil water notices, and other marketing and advertising. Handles public engagement for CIP projects, provides education events through the Dowser Dan show to K-4 graders and to 6 and 7th graders through the Mobile Classroom in partnership with Colorado River Alliance and AISD and provide a presence at public events regarding water services.

Contact

Kevin Buchman, Manager, 512-972-0151

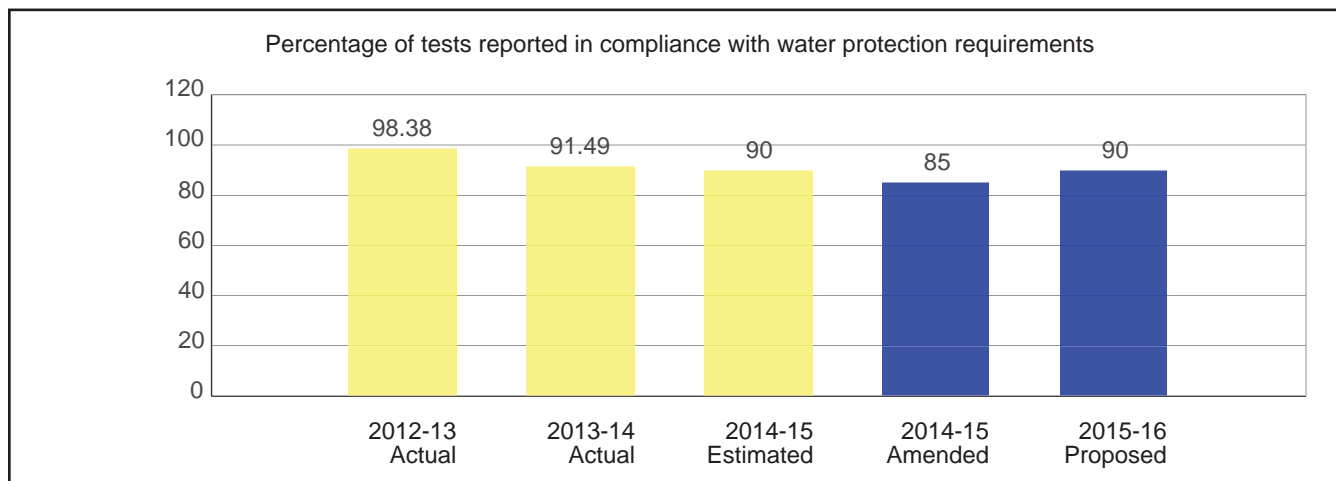
Austin Water

Budget Detail by Activity

Program: Environmental Affairs & Conservation

Activity: Special Services

The purpose of Special Services is to provide timely water quality surveys/investigations, backflow assembly testing, and private fire hydrant maintenance for customers in order to reduce the probability of a backflow incident and to control pollutant levels being discharged to the wastewater collection system so that pollutants do not affect worker health and safety, pass through or interfere with treatment plants, cause permit violations or keep biosolids from beneficial reuse.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Expense Refunds	396	86	0	0	0
Wastewater Utility Operating Fund	1,381,556	1,654,036	1,698,874	1,703,095	1,652,272
Water Utility Operating Fund	949,527	1,162,297	1,168,917	1,171,820	1,238,830
Total Requirements	\$2,331,479	\$2,816,419	\$2,867,791	\$2,874,915	\$2,891,102
Full-Time Equivalent					
Wastewater Utility Operating Fund					
Civilian	16.00	17.85	18.30	18.30	16.70
Water Utility Operating Fund					
Civilian	10.00	13.45	13.05	13.05	13.15
Total FTEs	26.00	31.30	31.35	31.35	29.85
Performance Measures					
Number of pass through and interference events caused by industrial users	0	0	0	0	0
Percentage of tests reported in compliance with water protection requirements	98.38	91.49	90	85	90

Services

Pretreatment and Water Protection: Administration and enforcement of the City's Pretreatment and Water Protection Programs through the regulation of industrial users, hauled waste, transporters, and other customers regulated under the water protection rules via the following: inspections, permitting, surveillance, sampling and monitoring; review of applications, self-monitoring and test reports, site plans and design plans and specifications; ensuring the timely testing and reporting of BPAs, PFHs and CCTs; and implementation of interlocal agreements with other political subdivisions.

Environmental Management: Assessments of utility environmental management practices; develop & support implementation of BMPs & SOPs; reporting and representing the utility to other regulatory agencies; provision of required training.

Contact

Antonio Canales, Manager, 512-972-1060

Bold Measure = Key Indicator

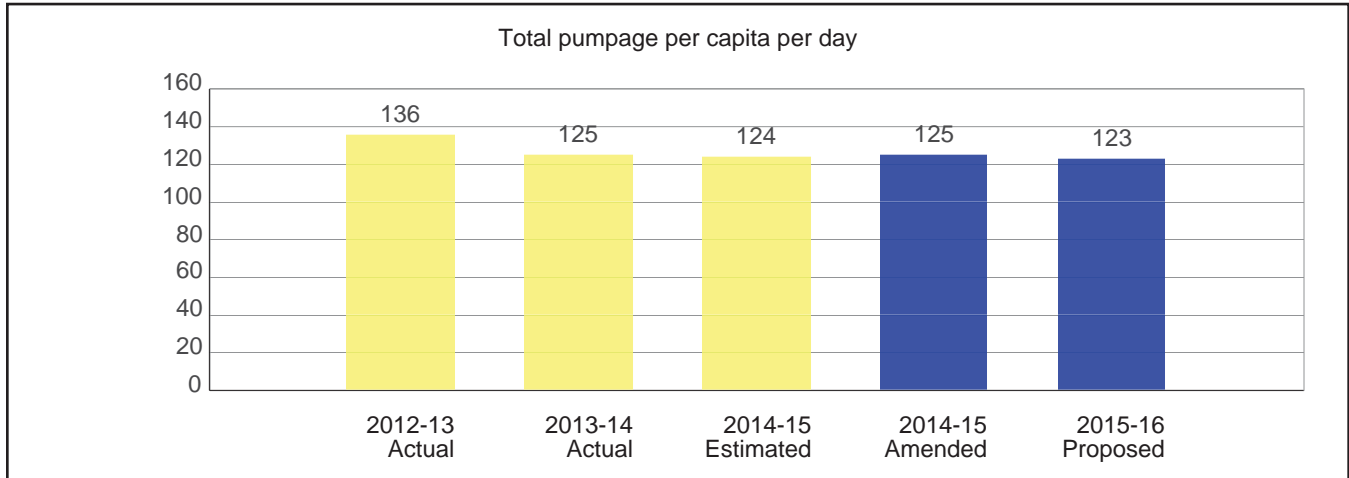
Austin Water

Budget Detail by Activity

Program: Environmental Affairs & Conservation

Activity: Water Conservation

The purpose of Water Conservation is to provide conservation services to Austin water customers to reduce water usage in order to slow the increase in peak day demand and defer the start date of water payments to the Lower Colorado River Authority. To maintain water use below 140 gallons per capita per day.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Water Utility Operating Fund	2,268,766	2,846,740	3,400,998	4,375,241	4,332,589
Total Requirements	\$2,268,766	\$2,846,740	\$3,400,998	\$4,375,241	\$4,332,589
Full-Time Equivalents					
Water Utility Operating Fund Civilian	19.00	20.00	20.00	20.00	20.00
Total FTEs	19.00	20.00	20.00	20.00	20.00
Performance Measures					
Peaking Factor (ratio of maximum daily demand to average daily demand)	1.45	1.55	1.55	1.56	1.55
Total pumpage per capita per day	136	125	124	125	123

Services

To administer and enforce water conservation ordinances, administer conservation incentive programs, promote water efficient behavior and manage Austin drought response.

Contact

Drema Gross, Manager, 512-974-2787

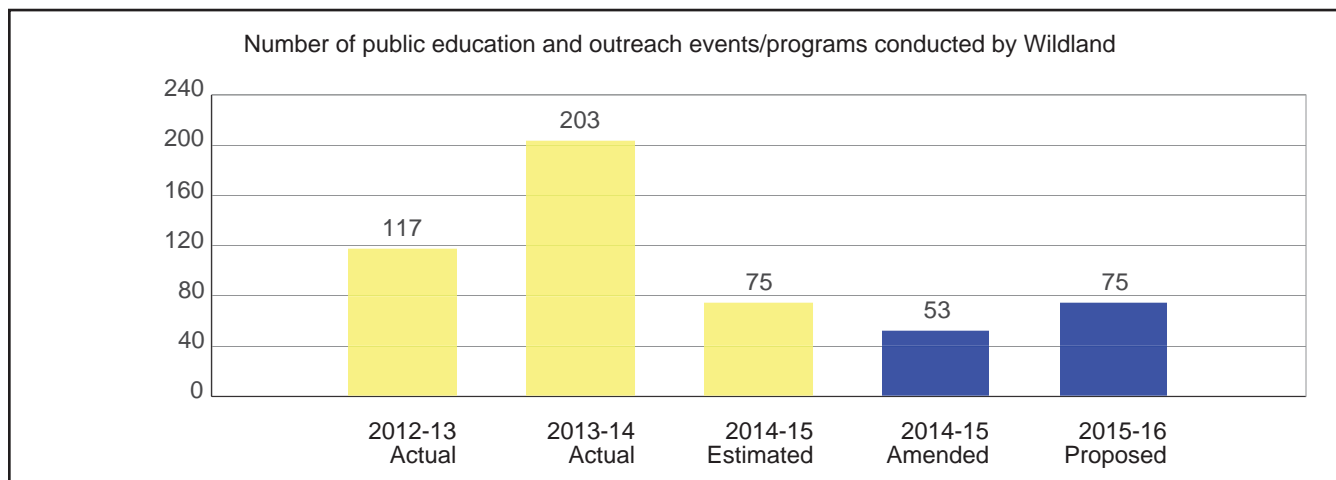
Austin Water

Budget Detail by Activity

Program: Environmental Affairs & Conservation

Activity: Wildland Conservation

The purpose of Wildland Conservation is to provide conservation and land management services to land purchased or protected through conservation easements in order to preserve endangered species and protect sensitive watersheds and drinking water supplies.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Expense Refunds	0	0	1,211,261	1,211,261	1,347,845
Water Utility Operating Fund	2,742,166	2,519,824	1,342,694	1,376,513	1,446,261
Total Requirements	\$2,742,166	\$2,519,824	\$2,553,955	\$2,587,774	\$2,794,106
Full-Time Equivalents					
Water Utility Operating Fund Civilian	21.00	21.00	21.00	21.00	22.00
Total FTEs	21.00	21.00	21.00	21.00	22.00
Performance Measures					
Number of acres receiving planned conservation practices or compliance monitoring	New Meas	New Meas	16,000	16,000	16,000
Number of public education and outreach events/programs conducted by Wildland	117	203	75	53	75
Percent of work orders closed within 30 days	New Meas	New Meas	75	75	75

Services

Land management; Natural Resources Conservation; Endangered Species Conservation; Source Water Protection.

Contact

William Conrad, Manager, 512-972-1661

Bold Measure = Key Indicator

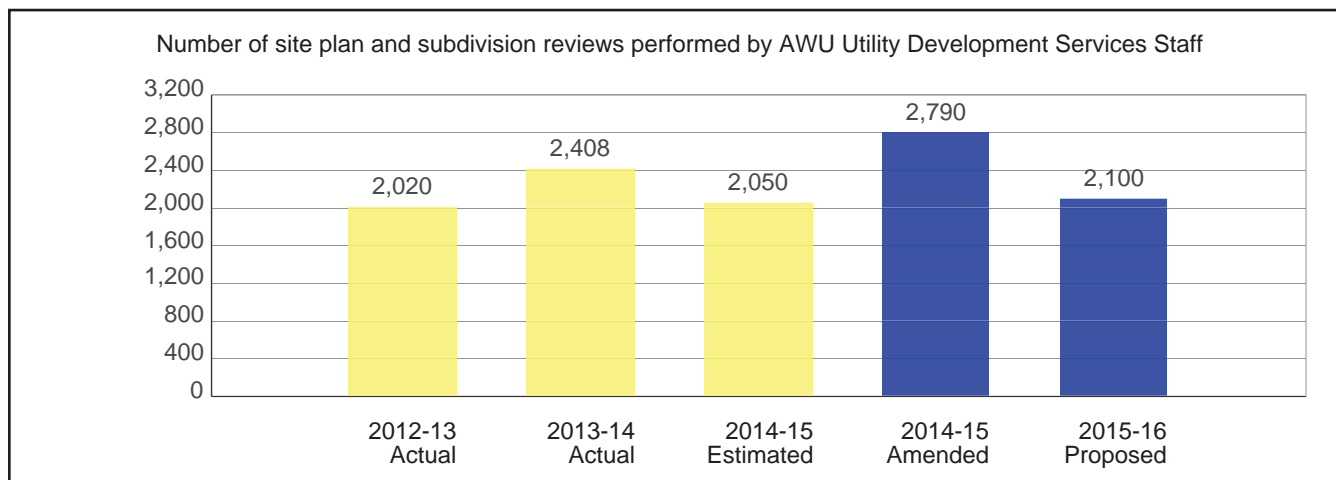
Austin Water

Budget Detail by Activity

Program: One Stop Shop

Activity: Inspection, Review, and Support

The purpose of the Inspection, Review, and Support Activity is to provide development assistance for the City-wide consolidated One Stop Shop with regard to water, wastewater, and reclaimed water utility services in order for the community to experience an efficient and effective development process.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Wastewater Utility Operating Fund	412,888	293,616	245,420	330,313	410,148
Water Utility Operating Fund	240,614	264,477	233,645	318,540	242,953
Total Requirements	\$653,503	\$558,093	\$479,065	\$648,853	\$653,101
Full-Time Equivalents					
Wastewater Utility Operating Fund					
Civilian	4.15	2.90	3.35	3.35	3.95
Water Utility Operating Fund					
Civilian	2.15	3.10	3.60	3.60	2.50
Total FTEs	6.30	6.00	6.95	6.95	6.45
Performance Measures					
Number of customers served by AW Utility Development Services staff at Development Assistance Center	885	947	1,000	1,000	1,000
Number of site plan and subdivision reviews performed by AWU Utility Development Services Staff	2,020	2,408	2,050	2,790	2,100

Services

Engineering and regulatory review and services pertaining to water, wastewater, and reclaimed water utility services of site and building plans, subdivisions, planned unit developments, zoning cases, development assessments, and easement releases, service verification, and tap permits.

Contact

Bart Jennings, Manager, 512-972-0118

Bold Measure = Key Indicator

Austin Water

Budget Detail by Activity

Program: Other Utility Program Requirements

Activity: Other Utility Program Requirements

The purpose of Other Utility Program Requirements is to account for Austin Water's department-wide expenditures such as debt interest and commission charges, general liability, and bad debt to ensure the appropriate level of financial reporting.

Graph Not Applicable

	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Expense Refunds	29,341	108,346	723,439	723,439	0
Reclaimed Water Utility Operating Fund	13,893	23,305	22,603	3,000	21,567
Wastewater Utility Operating Fund	11,069,304	5,448,233	4,962,945	4,497,312	4,587,444
Water Utility Operating Fund	16,283,000	8,828,522	6,329,300	7,040,693	6,885,199
Total Requirements	\$27,395,537	\$14,408,407	\$12,038,287	\$12,264,444	\$11,494,210

Measures Not Applicable

Services

General Interest Accruals; Administrative costs on Revenue Bonds, Water District Bonds, Commercial Paper and Arbitrage; Bad Debt; General Liability Insurance.

Contact

David Anders, Assistant Director, 512-972-0323

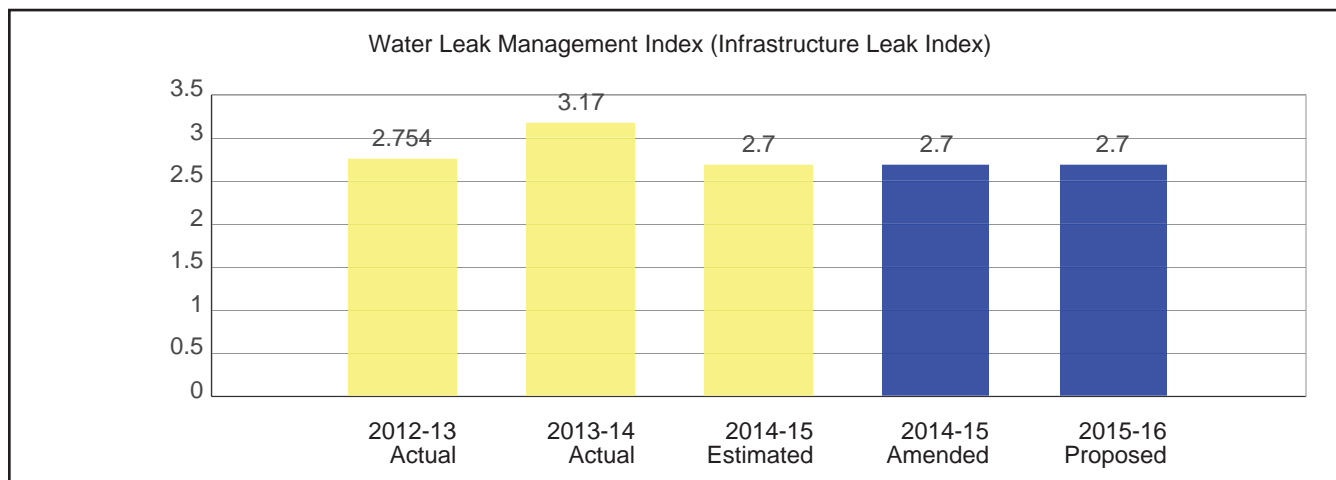
Austin Water

Budget Detail by Activity

Program: Pipeline Operations

Activity: Pipeline O&M Support

The purpose of Pipeline O&M Support is to provide management and administrative support to the Pipeline Operations program area's internal and external customers in order to allow program areas to operate, maintain and repair infrastructure in delivery and transport of potable, reuse, and wastewater.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Wastewater Utility Operating Fund	1,206,672	1,371,103	1,595,658	1,567,926	1,652,548
Water Utility Operating Fund	1,452,019	1,439,983	1,619,561	1,600,066	1,669,357
Total Requirements	\$2,658,691	\$2,811,086	\$3,215,219	\$3,167,992	\$3,321,905
Full-Time Equivalents					
Wastewater Utility Operating Fund					
Civilian	18.00	18.00	19.50	19.50	19.50
Water Utility Operating Fund					
Civilian	17.33	18.33	19.50	19.50	19.50
Total FTEs	35.33	36.33	39.00	39.00	39.00
Performance Measures					
Number of Service Requests initiated by AWU dispatchers from customers	12,577	14,773	14,500	14,500	14,500
Water Leak Management Index (Infrastructure Leak Index)	2.754	3.17	2.7	2.7	2.7

Services

Overall asset management, work order, leak management, safety, conservation, financial management and employee development policy for the program area; Schedules, Emergency One Calls, Right of Way Management Permits, Traffic Control, Licensing, Records Management, Organizational Charts, General Administrative Responsibilities; Customer service and dispatch of work to field crews.

Contact

Rosemary Ybarra, Manager, 512-972-1105

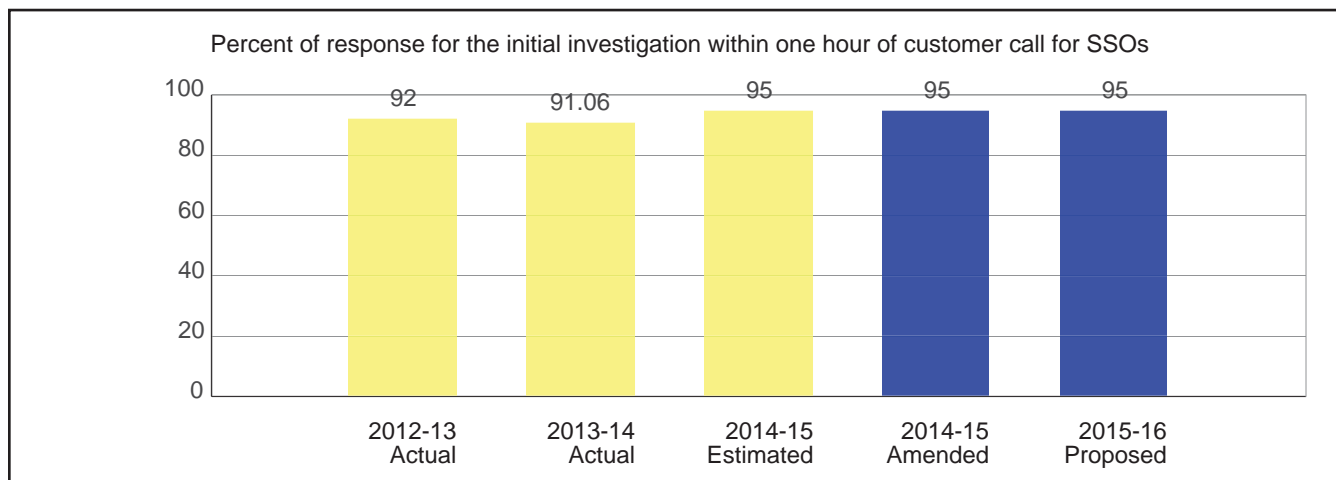
Austin Water

Budget Detail by Activity

Program: Pipeline Operations

Activity: Pipeline Wastewater Operations

The purpose of Pipeline Wastewater Operations is to provide comprehensive operation, maintenance, repair, construction and rehabilitation of the Collection System Pipeline Infrastructure in order to protect the public health, safety, and the environment.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Expense Refunds	0	16,515	500,000	500,000	149,775
Wastewater Utility Operating Fund	14,567,492	15,297,778	15,659,317	15,680,381	15,755,755
Total Requirements	\$14,567,492	\$15,314,293	\$16,159,317	\$16,180,381	\$15,905,530
Full-Time Equivalents					
Wastewater Utility Operating Fund					
Civilian	140.59	141.59	141.62	141.62	139.62
Total FTEs	140.59	141.59	141.62	141.62	139.62
Performance Measures					
Feet of pipe installed	14,147	19,932.4	15,000	15,000	15,000
Number of linear feet of wastewater main cleaned	2,059,906	2,527,985	2,020,508	2,143,200	2,020,500
Number of linear feet of wastewater main TV inspected	1,898,489	2,298,195	1,842,508	1,974,100	1,842,500
Percent of response for the initial investigation within one hour of customer call for SSOs	92	91.06	95	95	95

Services

TV inspection; overflow abatement; line cleaning; smoke testing and O & M of collection system flow meters; emergency response and repair to Sanitary Sewer Overflow (SSO); Special Billed SSO (caused by contractors) and AWU special bills to contractors for related costs; manhole inspection; study inflow and infiltration of collection systems, and construction and rehabilitation services.

Contact

Mercedes Garcia-Lopez, Operations Manager, 512-972-0892

Bold Measure = Key Indicator

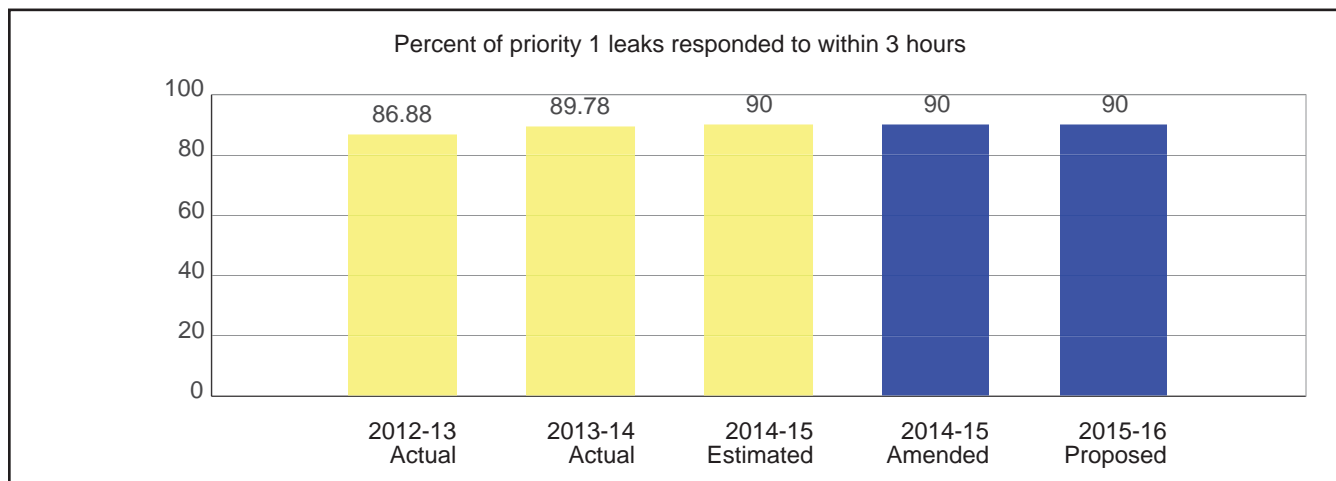
Austin Water

Budget Detail by Activity

Program: Pipeline Operations

Activity: Pipeline Water Operations

The purpose of Pipeline Water Operations is to provide maintenance and repair services to the water distribution pipeline infrastructure systems in order to continuously deliver water from the treatment facilities to the end user. To install, repair and replace valves and fire hydrants within the distribution system in order to supply water for fire hydrants and customers. To provide meter testing to metered customers in order to ensure accurate registration of water usage.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Expense Refunds	0	5,826	500,000	500,000	1,043,453
Water Utility Operating Fund	20,994,168	22,572,360	22,269,827	22,094,190	22,123,619
Total Requirements	\$20,994,168	\$22,578,187	\$22,769,827	\$22,594,190	\$23,167,072
Full-Time Equivalents					
Water Utility Operating Fund					
Civilian	167.08	173.08	168.38	168.38	170.38
Total FTEs	167.08	173.08	168.38	168.38	170.38
Performance Measures					
Number of water leaks repaired	5,502	7,003	6,000	6,000	6,000
Percent of Fire Hydrants back in service less or equal to 14 days	81.5	80	90	90	90
Percent of valves exercised within last five years	35	36	50	50	50
Percentage of meters 3" or larger that were tested and verified for accuracy within the last 12 months	55	66	95	60	90
Percent of priority 1 leaks responded to within 3 hours	86.88	89.78	90	90	90

Services

Operate, maintain and repair water distribution pipeline system; Install, operate, repair and replace water valves and fire hydrants; Repair, exchange and perform accuracy tests of meters; Perform leak detection surveys and related tasks and repairs.

Contact

Daniel Layton, Operations Manager, 512-972-1034

Bold Measure = Key Indicator

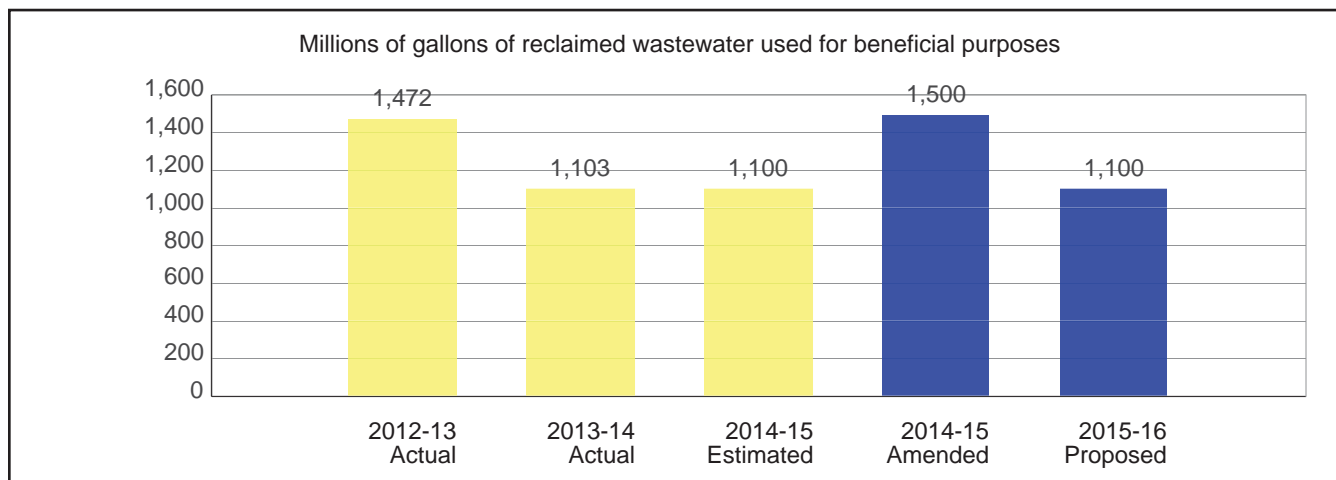
Austin Water

Budget Detail by Activity

Program: Reclaimed Water Services

Activity: Reclaimed Water Services Support

The purpose of Reclaimed Water Services Support is to provide engineering, management, administrative, regulatory and technical support in order to increase reclaimed water use so that the Utility can more effectively manage water resources for the community in order to protect public health and the environment.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Expense Refunds	0	0	0	0	2,004
Reclaimed Water Utility Operating Fund	299,280	314,442	364,307	372,997	388,355
Total Requirements	\$299,280	\$314,442	\$364,307	\$372,997	\$390,359
Full-Time Equivalents					
Reclaimed Water Utility Operating Fund Civilian	2.00	3.00	3.00	3.00	3.00
Total FTEs	2.00	3.00	3.00	3.00	3.00
Performance Measures					
Millions of gallons of reclaimed wastewater used for beneficial purposes	1,471.58	1,103	1,100	1,500	1,100
Reclaimed Water Revenue	863,859	819,965	1,180,228	1,180,228	1,392,356

Services

Respond to inquiries from existing and potential customers, City departments, and Boards and Commissions; Report spills; Oversee the implementation of the master plan; Hire design engineers and consultants using requests for qualifications and rotation lists; Supervise and interact with design engineers and consultants on the preparation of construction documents; Supervise and interact with design engineers, contractors, inspectors, and property owners on project construction; Develop and monitor project budgets and schedules; Provide engineering information and technical advice to support the water conservation division.

Contact

Dan Pedersen, Manager, 512-972-0074

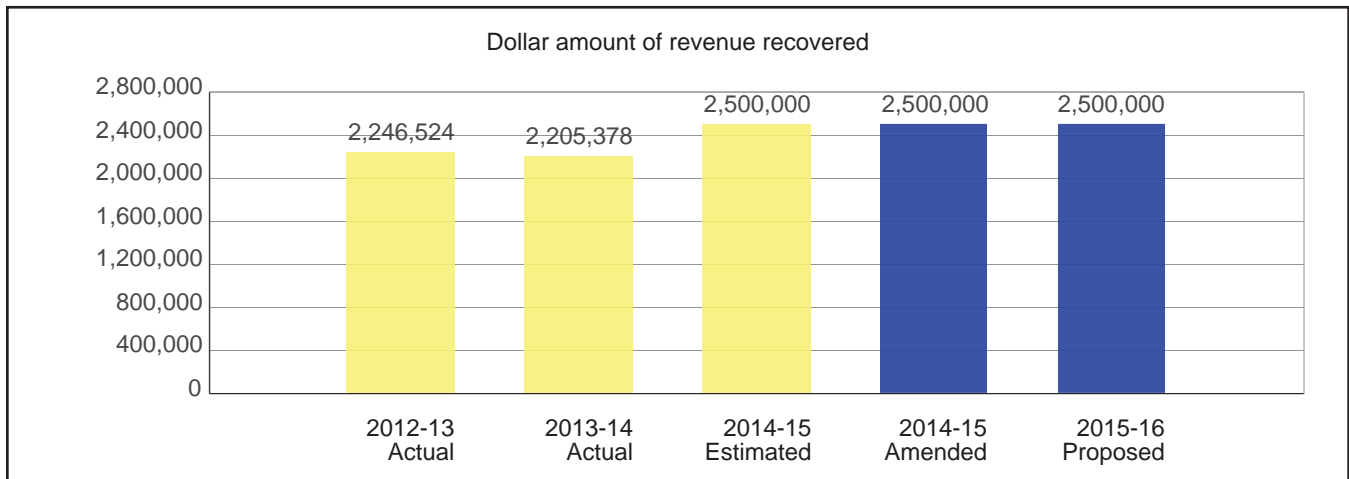
Austin Water

Budget Detail by Activity

Program: Support Services

Activity: Departmental Support Services

The purpose of Departmental Support Services is to provide administrative and managerial support to the department in order to produce more effective services.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Expense Refunds	320,361	354,215	341,251	341,251	298,511
Wastewater Utility Operating Fund	10,161,565	10,730,697	10,630,265	10,309,108	11,210,656
Water Utility Operating Fund	10,591,033	11,499,852	10,539,300	10,271,386	11,367,855
Total Requirements	\$21,072,959	\$22,584,764	\$21,510,816	\$20,921,745	\$22,877,022
Full-Time Equivalents					
Wastewater Utility Operating Fund					
Civilian	78.18	87.06	86.31	86.31	85.32
Water Utility Operating Fund					
Civilian	78.27	87.14	86.89	86.89	87.38
Total FTEs	156.45	174.20	173.20	173.20	172.70
Performance Measures					
Customer Service Complaint Rate	0.054	0.053	0.08	0.08	0.08
Employee Turnover Rate	9.73	9.52	9	8.5	9
Lost Time Injury Rate Per the Equivalent of 100 Employees	2.89	2.53	2.7	1.7	2.7
Percent of actual O&M spending to budget	95.82	94.8	98	98	98
Percent of premium time to total personnel costs	6.22	5.6	6	6.5	6
Sick leave hours used per 1,000 hours	33.11	31.27	33	35	32
Dollar amount of revenue recovered	2,246,524	2,205,378	2,500,000	2,500,000	2,500,000

Services

Support services encompasses all operational and maintenance units associated with administrative and managerial support to Austin Water, including human resources services, internal audit, office of the director, financial management, facility management, budget and accounting, information technology, security management, safety and technical training, and consumer services.

Contact

David Anders, Assistant Director, 972-0323

Bold Measure = Key Indicator

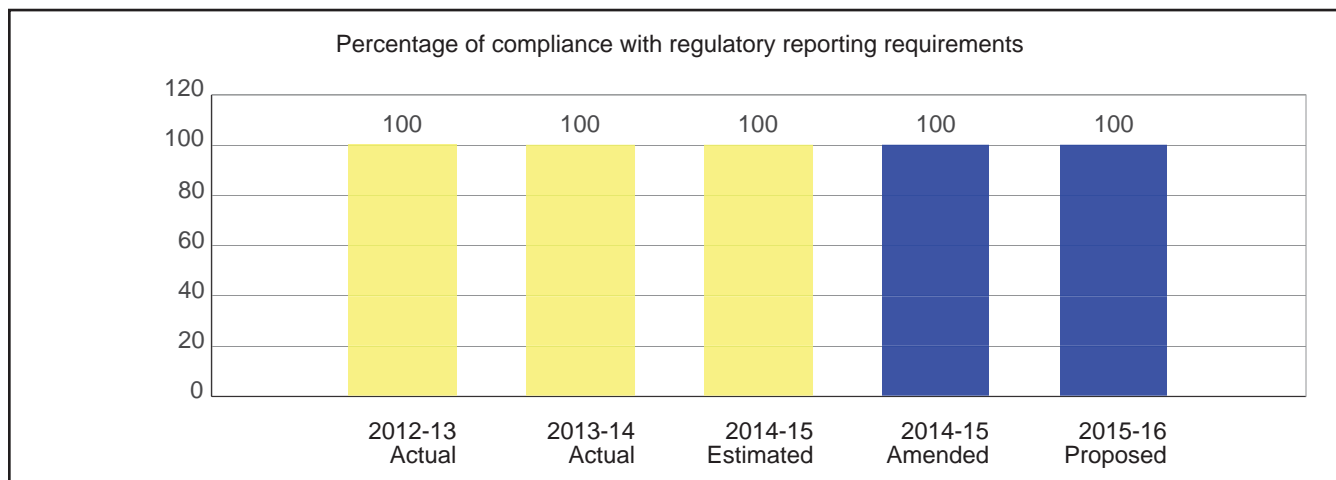
Austin Water

Budget Detail by Activity

Program: Treatment

Activity: Process Engineering

The purpose of Process Engineering is to provide process engineering support to the three water treatment plants, two wastewater treatment plants, the biosolids treatment facility and the satellite water and wastewater plants so that they are operated efficiently and within all regulatory parameters.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Expense Refunds	10,452	0	99,410	0	99,410
Wastewater Utility Operating Fund	608,235	633,718	477,711	460,612	479,178
Water Utility Operating Fund	421,735	452,313	370,830	470,635	343,223
Total Requirements	\$1,040,422	\$1,086,031	\$947,951	\$931,247	\$921,811
Full-Time Equivalents					
Wastewater Utility Operating Fund					
Civilian	3.26	3.84	3.50	3.50	3.50
Water Utility Operating Fund					
Civilian	3.74	3.16	3.50	3.50	3.50
Total FTEs	7.00	7.00	7.00	7.00	7.00
Performance Measures					
Percent digester effluent biosolids reused as compost, land applied or given as Class A biosolid	78	162	80	80	80
Percentage of compliance with regulatory reporting requirements	100	100	100	100	100

Services

Management of the beneficial reuse of the wastewater biosolids, assist in Utility efforts to identify and secure future water resources, treatment process consulting for the water and wastewater plants and compose and submit regulatory reports to the state and national governing agencies.

Contact

Judy Musgrove, Manager, 512-972-0157

Bold Measure = Key Indicator

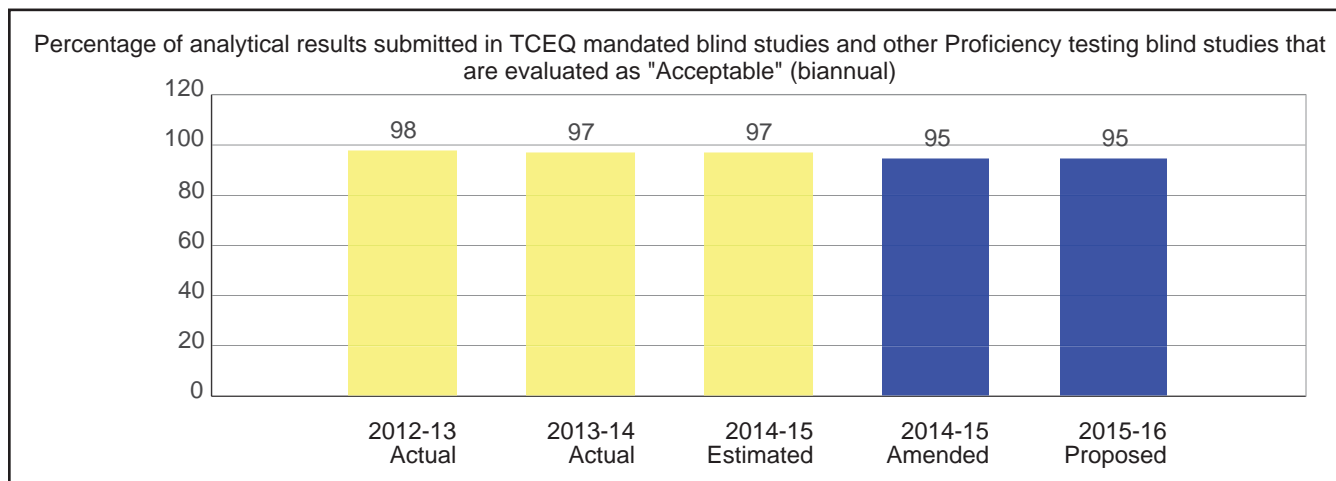
Austin Water

Budget Detail by Activity

Program: Treatment

Activity: Treatment O&M Support

The purpose of Treatment O&M Support is to provide the support services to assist the treatment plants in order to provide safe, reliable, high quality, sustainable, and affordable water services to our customers so that all community needs for water are met.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Expense Refunds	206,076	325,964	355,572	200,094	312,082
Wastewater Utility Operating Fund	5,937,513	5,953,097	6,705,645	6,748,078	7,220,801
Water Utility Operating Fund	4,654,177	4,765,480	5,111,199	5,491,021	6,197,509
Total Requirements	\$10,797,766	\$11,044,541	\$12,172,416	\$12,439,193	\$13,730,392
Full-Time Equivalent					
Wastewater Utility Operating Fund					
Civilian	58.86	62.26	63.20	63.20	63.02
Water Utility Operating Fund					
Civilian	40.14	43.74	44.80	44.80	44.98
Total FTEs	99.00	106.00	108.00	108.00	108.00
Performance Measures					
Number of I&C and electrical work orders that are in open, scheduled, waiting scheduling status at start of each month	679	493	430	430	430
Percent (%) Lab. Analyses Reported within Customer Requested Turnaround Time (TAT)	98.9	98.3	97	95	95
Percent of equipment calibration and preventive maintenance work orders completed to total scheduled	58	60	80	80	80
Percentage of analytical results submitted in TCEQ mandated blind studies and other Proficiency testing blind studies that are evaluated as "Acceptable" (biannual)	98	97	97	95	95

Services

Manage regulatory and internal reports to ensure regulations are met and support services for the Treatment Programs

Contact

Jane Burazer, Assistant Director, 512-972-0133

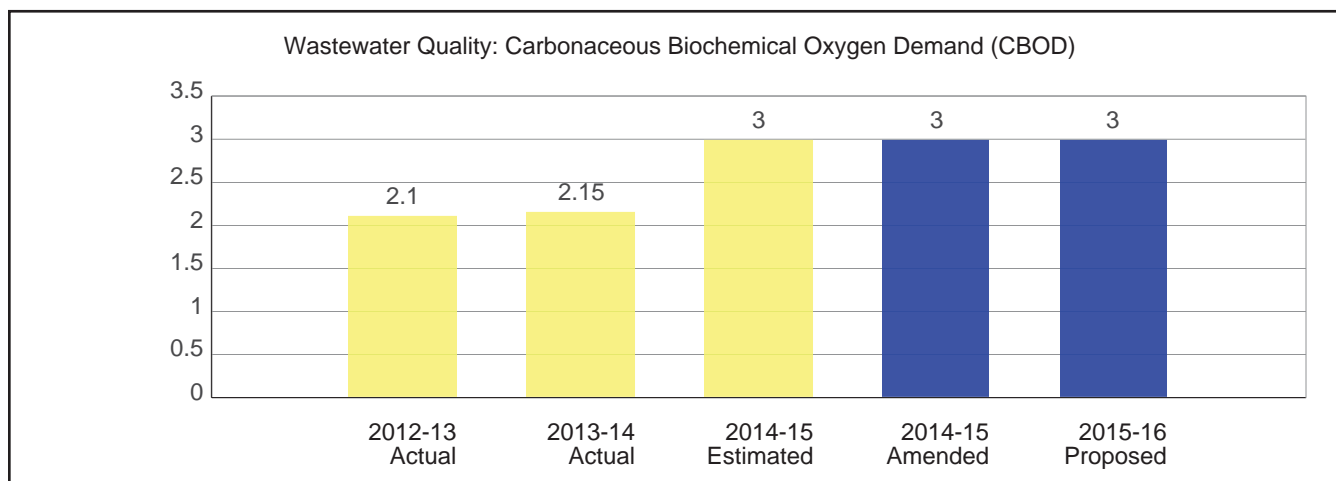
Bold Measure = Key Indicator

Austin Water Budget Detail by Activity

Program: Treatment

Activity: Wastewater Operations

The purpose of Wastewater Operations is to provide the treatment for wastewater to produce effluent in order to protect the public's health, safety and the environment.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Expense Refunds	0	405	956,417	0	0
Wastewater Utility Operating Fund	32,753,610	31,569,064	29,454,075	30,388,990	31,889,327
Total Requirements	\$32,753,610	\$31,569,469	\$30,410,492	\$30,388,990	\$31,889,327
Full-Time Equivalents					
Wastewater Utility Operating Fund					
Civilian	142.50	149.50	143.50	143.50	144.50
Total FTEs	142.50	149.50	143.50	143.50	144.50
Performance Measures					
kWh per million gallons of wastewater treated	1,757	1,719	1,750	1,750	1,750
Wastewater Quality: Ammonia	0.33	0.42	0.5	0.5	0.5
Wastewater Quality: Carbonaceous Biochemical Oxygen Demand (CBOD)	2.1	2.15	3	3	3

Services

Wastewater treatment, reuse, and discharge for the protection of water of the state in accordance with the Clean Water Act requirement.

Contact

Ayman Benyamin, Manager, AWU Operations 512-972-2040

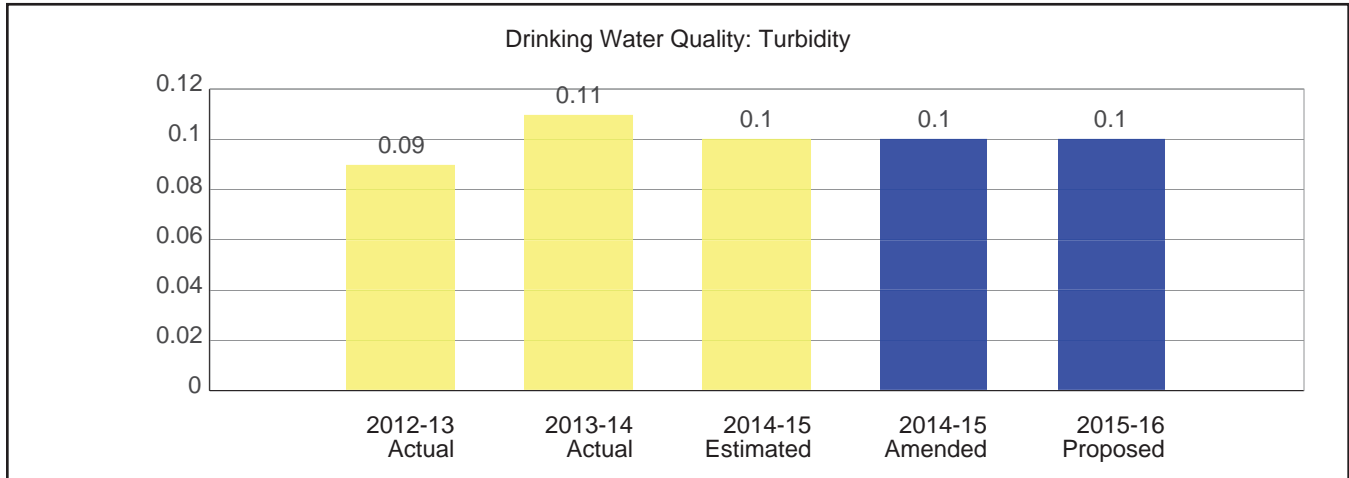
Bold Measure = Key Indicator

Austin Water Budget Detail by Activity

Program: Treatment

Activity: Water Operations

The purpose of Water Operations is to provide an adequate and safe supply of drinking water to Utility customers in order to meet demand, fire suppression, and other community needs.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Expense Refunds	17,281	40,330	31,442	31,442	32,637
Water Utility Operating Fund	31,096,676	31,073,023	31,140,557	31,486,156	31,710,696
Total Requirements	\$31,113,957	\$31,113,352	\$31,171,999	\$31,517,598	\$31,743,333
Full-Time Equivalent					
Water Utility Operating Fund Civilian	124.00	138.00	136.00	136.00	136.00
Total FTEs	124.00	138.00	136.00	136.00	136.00
Performance Measures					
kWh per million gallons of water treated and distributed	1,765	1,810	1,800	1,800	1,800
Drinking Water Quality: Turbidity	0.09	0.11	0.1	0.1	0.1

Services

Water treatment; Sludge disposal; Process control; Regulatory documentation

Contact

Mehrdad Morabbi, Manager, AWU Operations 512-972-0159

Bold Measure = Key Indicator

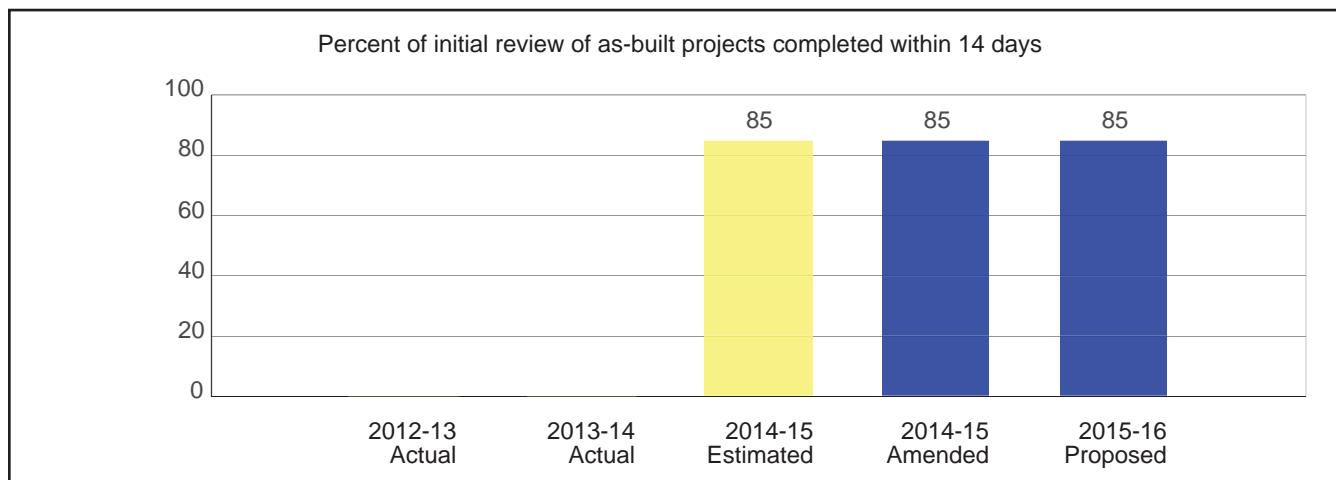
Austin Water

Budget Detail by Activity

Program: Water Resources Management

Activity: Engineering Design and Construction Standards

The purpose of the Engineering Design and Construction Standards activity is to develop and maintain the design and construction standards for AW's pipeline infrastructure so that new infrastructure is designed and constructed per the safety and quality standards required by AW and the Texas Commission on Environmental Quality.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Wastewater Utility Operating Fund	1,180,187	1,218,194	1,386,297	1,284,688	427,474
Water Utility Operating Fund	1,287,962	1,292,596	1,386,692	1,284,534	424,224
Total Requirements	\$2,468,149	\$2,510,790	\$2,772,989	\$2,569,222	\$851,698
Full-Time Equivalents					
Wastewater Utility Operating Fund Civilian	13.00	12.50	12.50	12.50	3.50
Water Utility Operating Fund Civilian	13.00	12.50	12.50	12.50	3.50
Total FTEs	26.00	25.00	25.00	25.00	7.00
Performance Measures					
Percent of Austin Water Standard Details reviewed	New Meas	New Meas	New Meas	New Meas	100
Percent of initial review of as-built projects completed within 14 days	New Meas	New Meas	85	85	85

Services

Development of Utility Design Criteria, Standards, Specifications, and Standard Products List; Surveying; Geotechnical consultation; provision of engineering support to internal and external stakeholders. Engineering Design and Construction Standards Division has the following areas that provide specialized services for the customer program areas: Utility Criteria, standards, and specifications; Standard Product Lists, In-house surveying, and Geotechnical Consultation.

Contact

Kathi L. Flowers, P.E., Managing Engineer 512-972-0213

Bold Measure = Key Indicator

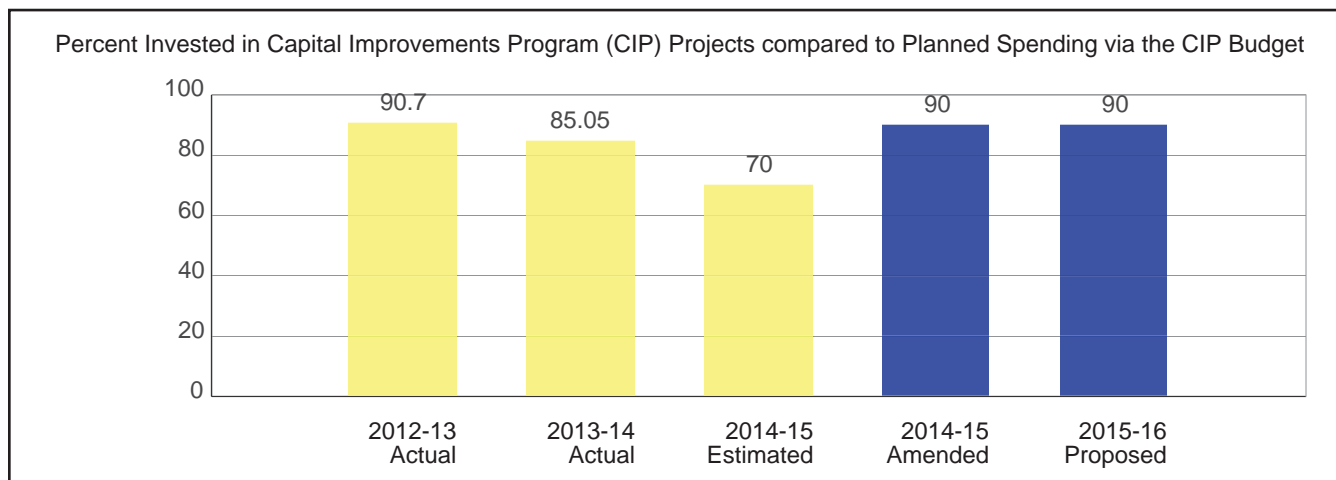
Austin Water

Budget Detail by Activity

Program: Water Resources Management

Activity: Infrastructure Management

The purpose of the Infrastructure Management activity is to provide management of Austin Water's Capital Improvement Program (CIP), assets, and infrastructure records so that the department can provide ongoing customer service and meet its mission and goals.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Wastewater Utility Operating Fund	0	556,337	522,893	503,521	1,158,545
Water Utility Operating Fund	0	503,384	523,120	503,721	1,161,509
Total Requirements	\$0	\$1,059,721	\$1,046,013	\$1,007,242	\$2,320,054
Full-Time Equivalents					
Wastewater Utility Operating Fund					
Civilian	0.00	4.50	4.00	4.00	9.00
Water Utility Operating Fund					
Civilian	0.00	4.50	4.00	4.00	9.00
Total FTEs	0.00	9.00	8.00	8.00	18.00
Performance Measures					
Percentage of CIP projects in the AWU GIS available for project coordination and spatial analysis	New Meas	98.81	95	95	95
Percent Invested in Capital Improvements Program (CIP) Projects compared to Planned Spending via the CIP Budget	90.7	85.05	70	90	90

Services

Asset management, CIP management and development; CIP coordination with other City of Austin departments and external entities; CIP Project Action Review (CIPPAR); infrastructure, property and easement records management; water and wastewater impact fee management.

Contact

Brian L. Long, P.E., Managing Engineer, 512-972-0177

Bold Measure = Key Indicator

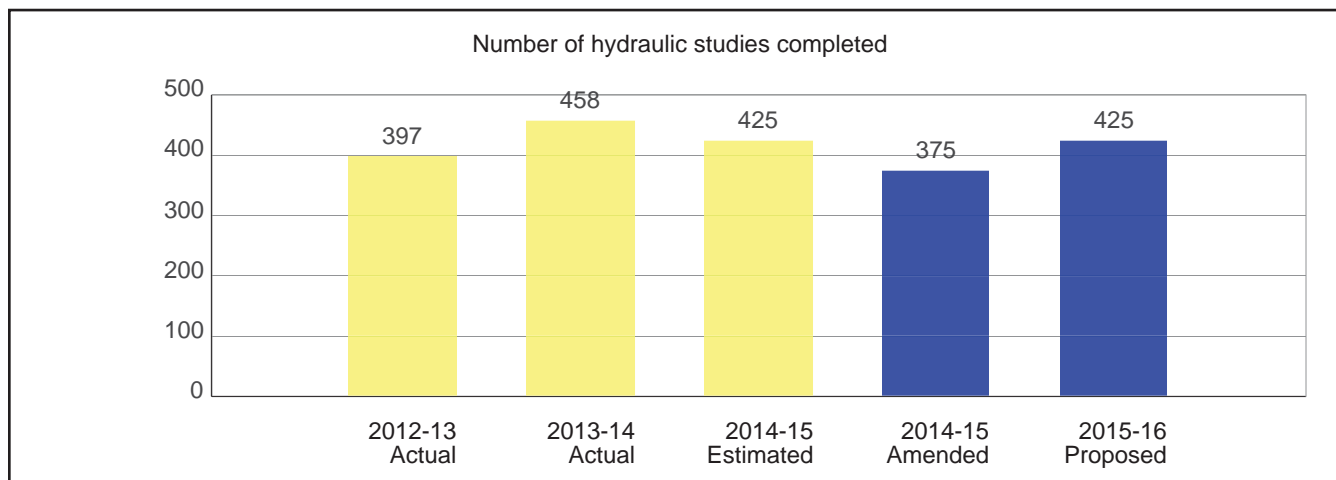
Austin Water

Budget Detail by Activity

Program: Water Resources Management

Activity: Systems Planning

The purpose of Systems Planning is to provide analysis of the wastewater collection and water distribution systems for Utility management in order to insure adequate infrastructure capacities are available and to identify areas for system improvement.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Wastewater Utility Operating Fund	1,241,173	783,919	864,290	849,291	857,219
Water Utility Operating Fund	1,649,022	1,216,842	1,199,305	1,208,711	1,221,302
Total Requirements	\$2,890,196	\$2,000,761	\$2,063,595	\$2,058,002	\$2,078,521
Full-Time Equivalents					
Wastewater Utility Operating Fund					
Civilian	11.65	8.05	8.55	8.55	7.65
Water Utility Operating Fund					
Civilian	13.35	9.95	10.45	10.45	9.35
Total FTEs	25.00	18.00	19.00	19.00	17.00
Performance Measures					
Number of hydraulic studies completed	397	458	425	375	425
Peak day water usage as a percentage of water treatment system capacity	61	61	80	80	80

Services

System and water supply planning; Hydraulic analysis and system modeling, identification of system deficiencies; system troubleshooting; proposals for new facilities; long range infrastructure and facility plans and area studies; system projects coordination for CIP and operations, strategies for water and wastewater system operation; land use assumptions for state impact fee requirements; forecasts of demand by small areas and system-wide; LCRA coordination and drought response planning.

Contact

Teresa Lutes, P.E., Managing Engineer, 512-972-0179

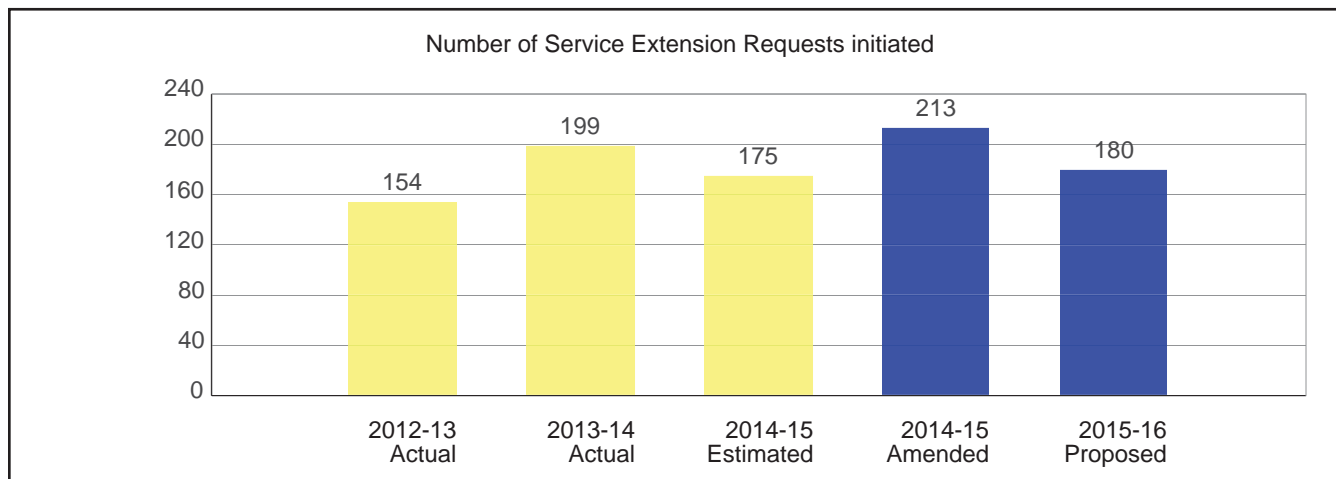
Austin Water

Budget Detail by Activity

Program: Water Resources Management

Activity: Utility Development Services

The purpose of the Utility Development Services Division is to: 1) review engineering plans, tap plans, and service extensions requested from developers and landowners in order to assist them in obtaining water, wastewater and reclaimed water utility services for existing and future development while meeting Austin City Code and Texas Commission on Environmental Quality rules and regulations; 2) regulate on-site sewage facilities and private wastewater laterals in order to protect the public's health and safety; and 3) perform contract negotiations and customer management services for Austin Water in order to assist developers, other municipalities, districts, corporations, and other entities with the provision of contracted City water and wastewater services.



	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Wastewater Utility Operating Fund	1,010,850	1,210,042	1,182,777	1,173,775	1,896,573
Water Utility Operating Fund	560,477	448,964	456,891	455,786	1,128,755
Total Requirements	\$1,571,327	\$1,659,005	\$1,639,668	\$1,629,561	\$3,025,328
Full-Time Equivalents					
Wastewater Utility Operating Fund					
Civilian	11.40	12.50	11.00	11.00	16.75
Water Utility Operating Fund					
Civilian	5.60	3.50	4.00	4.00	9.25
Total FTEs	17.00	16.00	15.00	15.00	26.00
Performance Measures					
Number of design plans reviewed for new or modified on-site sewage facilities	57	31	40	40	49
Number of new projects reviewed	618	617	600	600	600
Number of on-site sewage facility inspections and investigations conducted	230	275	250	150	280
Number of Service Extension Requests initiated	154	199	175	213	180

Services

Engineering review for site plans, subdivisions, planned unit developments, zoning cases, development assessments, construction plans, tap plans, and easement releases. Engineering review of applications for service extensions requests and on-site sewage facilities; Engineering review for alternative wastewater collection systems; Enforcement of the private wastewater lateral ordinance; Enforcement of the on-site sewage facilities ordinance; and Wholesale and large volume contract and customer relationship management.

Contact

Bart Jennings, Manager, 512-972-0118

Bold Measure = Key Indicator

Austin Water

Budget Detail by Activity

Program: Transfers and Other Requirements

Activity: All Activities

The purpose of the Transfers and Other Requirements program is to account for transfers and other departmental requirements at the fund or agency level.

Graph Not Applicable

	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Reclaimed Water Utility Operating Fund	440,266	4,820,751	3,916,513	3,967,054	4,850,968
Wastewater Utility Operating Fund	134,017,158	160,561,985	152,493,800	152,850,535	152,408,622
Water Utility Operating Fund	176,481,837	166,050,122	174,892,700	175,797,534	178,627,306
Total Requirements	\$310,939,261	\$331,432,858	\$331,303,013	\$332,615,123	\$335,886,896

Services

Accrued payroll; Utility billing system support; 311 Call Center support; Bad debt expenses; Depreciation;
Debt service requirements for revenue bonds, General Obligation debt and commercial paper;
General Fund transfer; Transfers to Capital Improvement Program and AW Reserves; Citywide administrative and information technology support; Workers' compensation; Liability reserve; Economic Development support.

Contact

David Anders, Assistant Director, 512-972-0323

Austin Water: 2015-16

<i>Wastewater Utility Operating Fund</i>	2012-13	2013-14	2014-15	2014-15	2015-16
	Actual	Actual	Estimated	Amended	Proposed
Requirements					
Engineering Services	\$4,999,473	\$5,953,927	\$4,969,959	\$4,923,001	\$5,421,086
Collection System Engineering	3,575,674	4,267,585	3,807,721	3,768,926	4,044,291
Facility Engineering	1,423,800	1,686,342	1,162,238	1,154,075	1,376,795
Environmental Affairs & Conservation	\$2,574,630	\$2,810,726	\$2,823,392	\$2,854,532	\$2,881,414
Environmental and Regulatory Services	670,951	673,252	652,566	666,776	675,343
Public Affairs	522,122	483,438	471,952	484,661	553,799
Special Services	1,381,556	1,654,036	1,698,874	1,703,095	1,652,272
One Stop Shop	\$412,888	\$293,616	\$245,420	\$330,313	\$410,148
Inspection, Review, and Support	412,888	293,616	245,420	330,313	410,148
Other Utility Program Requirements	\$11,069,304	\$5,448,233	\$4,962,945	\$4,497,312	\$4,587,444
Other Utility Program Requirements	11,069,304	5,448,233	4,962,945	4,497,312	4,587,444
Pipeline Operations	\$15,774,163	\$16,668,881	\$17,254,975	\$17,248,307	\$17,408,303
Pipeline O&M Support	1,206,672	1,371,103	1,595,658	1,567,926	1,652,548
Pipeline Wastewater Operations	14,567,492	15,297,778	15,659,317	15,680,381	15,755,755
Support Services	\$10,161,565	\$10,730,697	\$10,630,265	\$10,309,108	\$11,210,656
Departmental Support Services	10,161,565	10,730,697	10,630,265	10,309,108	11,210,656
Transfers and Other Requirements	\$134,017,158	\$160,561,985	\$152,493,800	\$152,850,535	\$152,408,622
Debt Transfers	97,097,952	100,199,534	98,429,295	98,815,606	93,650,448
Interfund Transfers	30,686,352	56,061,497	49,749,542	49,749,542	53,198,232
Other Requirements	6,232,854	4,300,954	4,314,963	4,285,387	5,559,942
Treatment	\$39,299,359	\$38,155,878	\$36,637,431	\$37,597,680	\$39,589,306
Process Engineering	608,235	633,718	477,711	460,612	479,178
Treatment O&M Support	5,937,513	5,953,097	6,705,645	6,748,078	7,220,801
Wastewater Operations	32,753,610	31,569,064	29,454,075	30,388,990	31,889,327
Water Resources Management	\$3,432,210	\$3,768,491	\$3,956,257	\$3,811,275	\$4,339,811
Engineering Design and Construction Standards	1,180,187	1,218,194	1,386,297	1,284,688	427,474
Infrastructure Management	0	556,337	522,893	503,521	1,158,545
Systems Planning	1,241,173	783,919	864,290	849,291	857,219
Utility Development Services	1,010,850	1,210,042	1,182,777	1,173,775	1,896,573
Total	\$221,740,752	\$244,392,435	\$233,974,444	\$234,422,063	\$238,256,790

Full-Time Equivalents (FTEs)

Engineering Services	31.11	32.10	32.60	32.60	33.08
Collection System Engineering	20.00	19.00	19.00	19.00	19.00
Facility Engineering	11.11	13.10	13.60	13.60	14.08
Environmental Affairs & Conservation	25.92	28.02	27.72	27.72	26.20
Environmental and Regulatory Services	6.00	6.00	5.50	5.50	5.50
Public Affairs	3.92	4.17	3.92	3.92	4.00
Special Services	16.00	17.85	18.30	18.30	16.70
One Stop Shop	4.15	2.90	3.35	3.35	3.95
Inspection, Review, and Support	4.15	2.90	3.35	3.35	3.95
Pipeline Operations	158.59	159.59	161.12	161.12	159.12
Pipeline O&M Support	18.00	18.00	19.50	19.50	19.50
Pipeline Wastewater Operations	140.59	141.59	141.62	141.62	139.62
Support Services	78.18	87.06	86.31	86.31	85.32
Departmental Support Services	78.18	87.06	86.31	86.31	85.32
Treatment	204.62	215.60	210.20	210.20	211.02
Process Engineering	3.26	3.84	3.50	3.50	3.50
Treatment O&M Support	58.86	62.26	63.20	63.20	63.02
Wastewater Operations	142.50	149.50	143.50	143.50	144.50
Water Resources Management	36.05	37.55	36.05	36.05	36.90
Engineering Design and Construction Standards	13.00	12.50	12.50	12.50	3.50
Infrastructure Management	0.00	4.50	4.00	4.00	9.00
Systems Planning	11.65	8.05	8.55	8.55	7.65
Utility Development Services	11.40	12.50	11.00	11.00	16.75
Total	538.62	562.82	557.35	557.35	555.59

Austin Water: 2015-16

<i>Reclaimed Water Utility Operating Fund</i>	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
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Requirements

Other Utility Program Requirements	\$13,893	\$23,305	\$22,603	\$3,000	\$21,567
Other Utility Program Requirements	13,893	23,305	22,603	3,000	21,567
Reclaimed Water Services	\$299,280	\$314,442	\$364,307	\$372,997	\$388,355
Reclaimed Water Services Support	299,280	314,442	364,307	372,997	388,355
Transfers and Other Requirements	\$440,266	\$4,820,751	\$3,916,513	\$3,967,054	\$4,850,968
Debt Transfers	365	3,875,041	2,546,750	2,596,454	2,762,095
Interfund Transfers	437,619	944,535	1,369,305	1,369,305	2,079,259
Other Requirements	2,282	1,175	458	1,295	9,614
Total	\$753,440	\$5,158,498	\$4,303,423	\$4,343,051	\$5,260,890

Full-Time Equivalents (FTEs)

Reclaimed Water Services	2.00	3.00	3.00	3.00	3.00
Reclaimed Water Services Support	2.00	3.00	3.00	3.00	3.00
Total	2.00	3.00	3.00	3.00	3.00

Austin Water: 2015-16

<i>Water Utility Operating Fund</i>	2012-13	2013-14	2014-15	2014-15	2015-16
	Actual	Actual	Estimated	Amended	Proposed
Requirements					
Engineering Services	\$4,142,370	\$4,980,788	\$3,374,269	\$3,367,295	\$3,082,919
Collection System Engineering	986,088	683,690	429,403	427,958	179,738
Distribution System Engineering	1,433,713	2,458,651	1,590,324	1,593,561	1,968,103
Facility Engineering	1,722,570	1,838,447	1,354,542	1,345,776	935,078
Environmental Affairs & Conservation	\$8,342,960	\$8,910,376	\$7,764,244	\$8,774,153	\$8,967,318
Environmental and Regulatory Services	584,774	549,776	539,191	551,507	556,019
Public Affairs	1,797,728	1,831,738	1,312,444	1,299,072	1,393,619
Special Services	949,527	1,162,297	1,168,917	1,171,820	1,238,830
Water Conservation	2,268,766	2,846,740	3,400,998	4,375,241	4,332,589
Wildland Conservation	2,742,166	2,519,824	1,342,694	1,376,513	1,446,261
One Stop Shop	\$240,614	\$264,477	\$233,645	\$318,540	\$242,953
Inspection, Review, and Support	240,614	264,477	233,645	318,540	242,953
Other Utility Program Requirements	\$16,283,000	\$8,828,522	\$6,329,300	\$7,040,693	\$6,885,199
Other Utility Program Requirements	16,283,000	8,828,522	6,329,300	7,040,693	6,885,199
Pipeline Operations	\$22,446,187	\$24,012,343	\$23,889,388	\$23,694,256	\$23,792,976
Pipeline O&M Support	1,452,019	1,439,983	1,619,561	1,600,066	1,669,357
Pipeline Water Operations	20,994,168	22,572,360	22,269,827	22,094,190	22,123,619
Support Services	\$10,591,033	\$11,499,852	\$10,539,300	\$10,271,386	\$11,367,855
Departmental Support Services	10,591,033	11,499,852	10,539,300	10,271,386	11,367,855
Transfers and Other Requirements	\$176,481,837	\$166,050,122	\$174,892,700	\$175,797,534	\$178,627,306
Debt Transfers	100,664,026	108,406,606	112,207,240	112,509,716	103,466,252
Interfund Transfers	63,276,408	44,483,301	51,062,264	51,473,222	60,847,525
Other Requirements	12,541,403	13,160,215	11,623,196	11,814,596	14,313,529
Treatment	\$36,172,589	\$36,290,816	\$36,622,586	\$37,447,812	\$38,251,428
Process Engineering	421,735	452,313	370,830	470,635	343,223
Treatment O&M Support	4,654,177	4,765,480	5,111,199	5,491,021	6,197,509
Water Operations	31,096,676	31,073,023	31,140,557	31,486,156	31,710,696
Water Resources Management	\$3,497,462	\$3,461,786	\$3,566,008	\$3,452,752	\$3,935,790
Engineering Design and Construction Standards	1,287,962	1,292,596	1,386,692	1,284,534	424,224
Infrastructure Management	0	503,384	523,120	503,721	1,161,509
Systems Planning	1,649,022	1,216,842	1,199,305	1,208,711	1,221,302
Utility Development Services	560,477	448,964	456,891	455,786	1,128,755
Total	\$278,198,052	\$264,299,084	\$267,211,440	\$270,164,421	\$275,153,744

Full-Time Equivalents (FTEs)

Engineering Services	29.89	30.90	30.90	30.90	30.92
Collection System Engineering	5.00	6.00	5.00	5.00	5.00
Distribution System Engineering	9.00	9.00	10.00	10.00	10.00
Facility Engineering	15.89	15.90	15.90	15.90	15.92
Environmental Affairs & Conservation	58.93	63.63	62.48	62.48	63.65
Environmental and Regulatory Services	5.00	5.00	4.50	4.50	4.50
Public Affairs	3.93	4.18	3.93	3.93	4.00
Special Services	10.00	13.45	13.05	13.05	13.15
Water Conservation	19.00	20.00	20.00	20.00	20.00
Wildland Conservation	21.00	21.00	21.00	21.00	22.00
One Stop Shop	2.15	3.10	3.60	3.60	2.50
Inspection, Review, and Support	2.15	3.10	3.60	3.60	2.50
Pipeline Operations	184.41	191.41	187.88	187.88	189.88
Pipeline O&M Support	17.33	18.33	19.50	19.50	19.50
Pipeline Water Operations	167.08	173.08	168.38	168.38	170.38
Support Services	78.27	87.14	86.89	86.89	87.38
Departmental Support Services	78.27	87.14	86.89	86.89	87.38
Treatment	167.88	184.90	184.30	184.30	184.48
Process Engineering	3.74	3.16	3.50	3.50	3.50
Treatment O&M Support	40.14	43.74	44.80	44.80	44.98
Water Operations	124.00	138.00	136.00	136.00	136.00
Water Resources Management	31.95	30.45	30.95	30.95	31.10
Engineering Design and Construction Standards	13.00	12.50	12.50	12.50	3.50
Infrastructure Management	0.00	4.50	4.00	4.00	9.00

Austin Water: 2015-16

<i>Water Utility Operating Fund</i>	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Systems Planning	13.35	9.95	10.45	10.45	9.35
Utility Development Services	5.60	3.50	4.00	4.00	9.25
Total	553.48	591.53	587.00	587.00	589.91

Austin Water: 2015-16

<i>Expense Refunds</i>	2012-13 Actual	2013-14 Actual	2014-15 Estimated	2014-15 Amended	2015-16 Proposed
Requirements					
Engineering Services	\$46	\$0	\$2,276,561	\$2,276,561	\$2,593,869
Collection System Engineering	46	0	813,566	813,566	956,667
Distribution System Engineering	0	0	343,596	343,596	31,838
Facility Engineering	0	0	1,119,399	1,119,399	1,605,364
Environmental Affairs & Conservation	\$1,329	\$86	\$1,211,261	\$1,211,261	\$1,347,845
Public Affairs	933	0	0	0	0
Special Services	396	86	0	0	0
Wildland Conservation	0	0	1,211,261	1,211,261	1,347,845
Other Utility Program Requirements	\$29,341	\$108,346	\$723,439	\$723,439	\$0
Other Utility Program Requirements	29,341	108,346	723,439	723,439	0
Pipeline Operations	\$0	\$22,341	\$1,000,000	\$1,000,000	\$1,193,228
Pipeline Wastewater Operations	0	16,515	500,000	500,000	149,775
Pipeline Water Operations	0	5,826	500,000	500,000	1,043,453
Reclaimed Water Services	\$0	\$0	\$0	\$0	\$2,004
Reclaimed Water Services Support	0	0	0	0	2,004
Support Services	\$320,361	\$354,215	\$341,251	\$341,251	\$298,511
Departmental Support Services	320,361	354,215	341,251	341,251	298,511
Treatment	\$233,809	\$366,698	\$1,442,841	\$231,536	\$444,129
Process Engineering	10,452	0	99,410	0	99,410
Treatment O&M Support	206,076	325,964	355,572	200,094	312,082
Wastewater Operations	0	405	956,417	0	0
Water Operations	17,281	40,330	31,442	31,442	32,637
Total	\$584,885	\$851,687	\$6,995,353	\$5,784,048	\$5,879,586