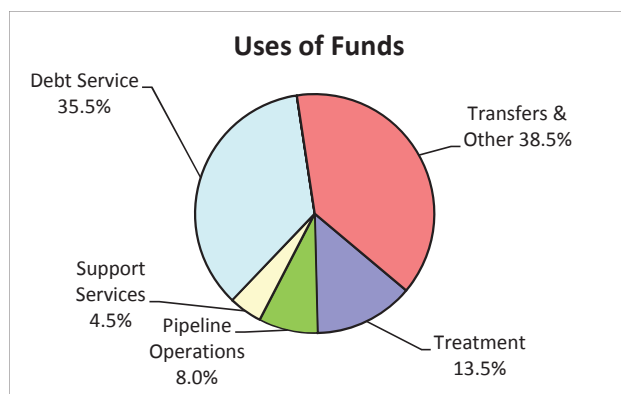
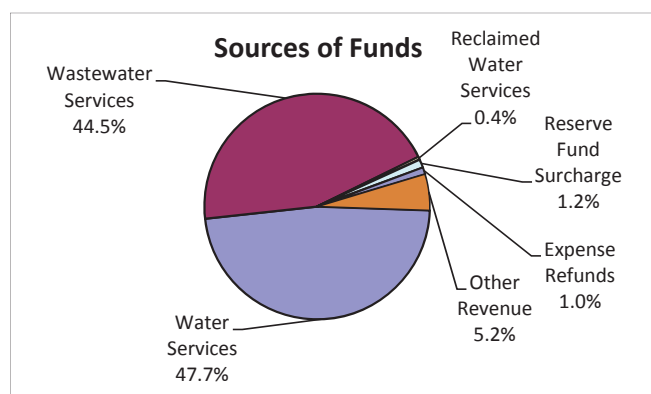


# Austin Water



## Budget Overview

	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Water Utility Fund</b>					
Revenue	\$243,835,832	\$276,094,422	\$306,312,003	\$288,078,963	\$301,987,003
Transfers In	\$17,350,147	\$6,450,291	\$11,063,291	\$11,063,291	\$15,064,291
Requirements	\$264,299,084	\$265,926,255	\$285,299,192	\$285,721,879	\$305,307,591
Full-Time Equivalents (FTEs)	591.53	587.00	589.91	589.91	603.77
<b>Wastewater Utility Fund</b>					
Revenue	\$236,654,120	\$242,909,723	\$259,304,318	\$258,956,771	\$275,646,195
Transfers In	\$3,750,291	\$3,150,291	\$7,567,722	\$7,567,722	\$5,530,722
Requirements	\$244,392,435	\$233,764,227	\$245,928,398	\$245,531,367	\$261,353,135
Full-Time Equivalents (FTEs)	562.82	557.35	555.59	555.59	563.23
<b>Reclaimed Utility Fund</b>					
Revenue	\$847,478	\$945,089	\$1,722,634	\$1,771,481	\$2,510,485
Transfers In	\$3,760,000	\$2,060,000	\$3,400,000	\$3,400,000	\$3,400,000
Requirements	\$5,158,498	\$4,304,636	\$4,964,386	\$5,255,718	\$4,909,637
Full-Time Equivalents (FTEs)	3.00	3.00	3.00	3.00	3.00
<b>Expense Refunds</b>	\$851,687	\$5,257,987	\$5,336,367	\$5,879,586	\$6,121,475
<b>Total Budget</b>	<b>\$514,701,704</b>	<b>\$509,253,105</b>	<b>\$541,528,343</b>	<b>\$542,388,550</b>	<b>\$577,691,838</b>

# Austin Water

## Organization by Program and Activity for 2017

### **Engineering Services**

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Collection System Engineering  
 Distribution System Engineering  
 Facility Engineering

### **Environmental Affairs & Conservation**

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

### **One Stop Shop**

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Inspection, Review, and Support

### **Other Utility Program Requirements**

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Other Utility Program Requirements

### **Pipeline Operations**

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Pipeline O&M Support  
 Pipeline Wastewater Operations  
 Pipeline Water Operations

### **Reclaimed Water Services**

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Reclaimed Water Services Support

### **Support Services**

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Departmental Support Services

### **Transfers and Other Requirements**

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Debt Transfers  
 Interfund Transfers  
 Other Requirements

### **Treatment**

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Process Engineering  
 Treatment O&M Support  
 Wastewater Operations  
 Water Operations

### **Water Resources Management**

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Infrastructure Management  
 Systems Planning  
 Utility Development Services

# Austin Water

## Mission and Goals for 2017

### Mission

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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

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Strengthen customer value and stakeholder understanding and support:

- 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%.

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Protect the water supply and promote community sustainability:

- Contribute to the conservation of the region's water supply by reducing growth of potable water demand. Maintain total water pumpage per capita per day at 123 gallons.
- Reduce demand for potable water. Provide 1.1 billion gallons of reclaimed wastewater for beneficial purposes.
- Protect water quality and conserve habitat for endangered species. Conduct planned conservation practices or compliance monitoring on at least 25,000 acres of Austin Water's wildlands.

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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 is no greater than 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 at 3 or less.
- Maintain city-wide fire protection. Return fire hydrants back to service within 14 days, 90% of the time.

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Maintain strong financial viability to ensure balanced cost structure and affordable rates:

- Ensure continued strong financial position by maintaining AA bond rating.
- Keep dollar amount of revenue recovery 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%.
- Maintain annual average water and wastewater bill of less than 1.2% of median household income.

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Ensure infrastructure stability and operational optimization:

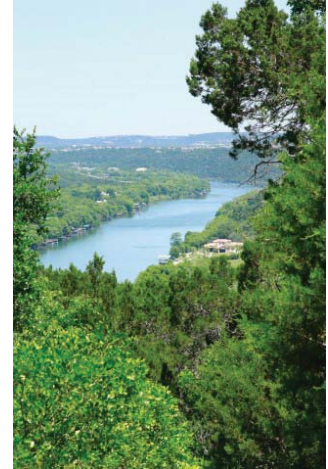
- Improve effectiveness and efficiency of Capital Improvement Program project delivery. Achieve 80% of planned Capital Improvement Program spending each fiscal year.
  - Maximize energy efficiency. Use no more than 2,278 kilowatt hours (kWh) per million gallons of water, wastewater and reclaimed water services provided.
-

# Austin Water

## Message from the Director

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Austin Water (AW) provides water, wastewater, reclaimed water, conservation and environmental protection services to a population of over one million retail and wholesale customers spanning over more than 540 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 treated and safely released into the Colorado River to augment environmental flows or recycled into reclaimed water for uses such as irrigation or industrial cooling. Austin Water's 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. Austin Water's award-winning Water Conservation division offers public outreach and incentive programs.



**Balcones Canyonlands  
Preserve**

Austin Water accomplishments and awards in 2016 include:

- Partnership for Safe Water: Director's Award for exceptional performance and standards at both the Ullrich and Davis Water Treatment Plants
- National Association of Clean Water Agencies: Silver Award to South Austin Regional Wastewater Treatment Plant and Walnut Creek Wastewater Treatment Plant
- Improved bond ratings by bond rating agencies for Austin Water's financial outlook, from Negative to Stable
- Texas Living Waters' Inaugural Water Conservation Scorecard: Highest score amongst 300 utilities in the state for Water Conservation

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 water supply sustainability, resiliency and diversification; aging infrastructure risk management; balancing financial stability with service reliability, quality and customer affordability; 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 strives to be 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 2016-17 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 and timely investment in infrastructure and affordable rates remain the Utility's priorities. The combined storage water supply of Lakes Travis and Buchanan reached a critically low level in November of 2014, a threshold not seen since the 1950's drought of record. In 2015, the region saw an increase in rainfall that was almost double the annual average, and the amount of water flowing into the Highland Lakes was higher than any year since 2007. The combined storage of Lakes Travis and Buchanan increased by more than 1.2 million acre-feet from the 2015 to 2016 spring seasons (one acre foot is equal to 325,851 gallons). In May 2016, the City Manager lifted the Stage 2 watering

restrictions and implemented the Council approved Conservation stage. The new stage includes updated residential watering days and a comprehensive Austin Water campaign to educate and engage the community regarding restrictions during this stage. Even with lifting of Stage 2 restrictions, the upcoming fiscal year continues to present challenges for the Utility including balancing its financial needs while pursuing affordability for its customers, increasing service needs due to growing population and service area, maintaining and improving its infrastructure, and managing regulatory requirements.



Line Cleaning

Austin Water's FY 2016-17 Budget projects total available funds of \$604.1 million and total requirements of \$571.6 million. A system-wide rate increase of 3.0% is necessary in FY 2016-17 to ensure that AW meets its cost burden while maintaining the level and quality of service it provides to its customers.

### Revenue

A 2016 report published by The Living Waters Project ranked the City of Austin's water conservation policies and ongoing efforts as best in the state among more than 300 Texas utilities. The environmental consortium reviewed state reports regarding water quality standards, the amount of water loss throughout the pipeline infrastructure, and evaluated water restriction guidelines. Water conservation initiatives 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. AW aspires to lead the state and the nation in innovative ways to sustain our natural resources.

Water service revenue is inherently volatile because of extreme weather conditions and the success of Austin's water conservation programs. However, AW has strengthened its financial position through a series of business model changes recommended by several commissions and adopted by the Austin City Council. Starting in 2015, Austin Water began to collect a greater percentage of fixed revenue from its customer base and also introduced a water reserve fund volumetric surcharge. These innovative changes have not only improved the utility's financial metrics, but reinforced the City of Austin's position as a leader in conservation based pricing.

For FY 2016-17, AW is projecting an increase in revenue of \$12.8 million or 2.3%, from \$567.3 million in the current year estimate to \$580.1 million. The increase is the result of the projected growth in customers and the projected system-wide revenue rate increase.



### Rates

In FY 2016-17, 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 2.9% rate revenue increase for water service, a 3.0% rate revenue increase for wastewater service, and a 10.0% rate revenue increase for reclaimed water for a combined rate revenue increase of 3.0% 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 2016-17. AW projects to collect \$7.3 million in Surcharge Revenue.

Annual water consumption in the residential customer class peaked in FY 2010-11, and has steadily dropped each year as the combined effects of Stage 2 water restrictions and prolonged drought weather conditions changed customer behavior. AW reduced the FY 2015-16 residential annual average per account to 5,600 gallons of water because of lower than anticipated monthly consumption over the financial forecast period. However, with the ease in water restrictions implemented in May 2016, AW anticipates for the annual average to increase to 5,800 gallons for the current and next fiscal year.

The table below reflects the proposed average residential customer annualized bill impacts for FY 2016-17. The average residential water and wastewater bill is based on 5,800 gallons of water usage and 4,000 gallons of wastewater per month with a 5/8" meter. Additional information on rates can be found in the fee schedule in Volume II of the Budget Document.

Average FY 2016-17 Residential Customer Bill Impact

	Current 2016 Rates <sup>1</sup>	Proposed 2017 Rates	\$ Variance	% Variance
Water Service <sup>2</sup>	\$40.26	\$41.59	\$1.33	3.3%
Wastewater Service	\$39.98	\$41.60	\$1.62	4.1%
Total Revenue	\$80.24	\$83.19	\$2.95	3.7%

Notes:

1. Bills based on 5,800 gallons of water and 4,000 gallons of wastewater discharge
2. Bills includes the Reserve Fund Surcharge

**Requirements**

Total requirements in FY 2016-17 proposed budget is projected to be \$571.6 million, which represents an increase of \$35.1 million or 6.5% from FY2015-16 amended budget of \$536.5 million. This increase is due to a rise in Citywide cost drivers such as wage adjustments, insurance costs, market study, fleet preventive maintenance and fuel cost, and departmental cost drivers necessary to support service needs and infrastructure maintenance. Departmental cost drivers include Austin Energy billing and customer care, additional staffing, increase in contractual costs, Public Works charges, street cuts, pipeline maintenance, and chemicals. Approximately half of the increase is due to transfers to CIP, General Fund, Support Services Fund and Debt Service.

AW’s staffing levels have remained relatively flat in the last two fiscal years. AW’s growing service area and customer base has resulted in increasing workloads for operational and maintenance staff and requires additional staff to adequately manage increased demands, improve response times, and meet efficiency goals. For FY 2016-17, Austin Water is proposing to add 22.5 new positions for the following purposes:

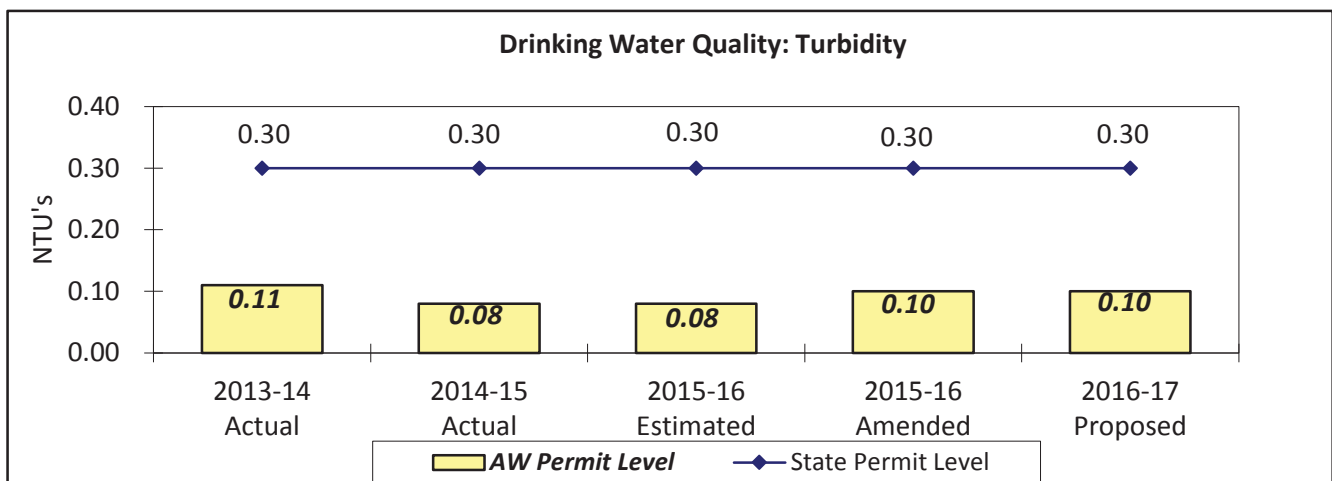
- Work related to the newly annexed Lost Creek and River Place package plants and water systems: 5.0
- Distribution system maintenance, small meter exchange program, and large meter testing: 4.0
- Supporting Supervisory Control and Data Acquisition for engineering system needs: 1.0
- Providing engineering support for large diameter transmissions and large valve operations: 1.0
- Instrumentation and automation support for expanded service area: 1.5
- Strengthening internal controls for debt management, external agreements and annexation process: 1.0
- Addressing security, tap sales, lab systems, accident injury prevention, records management : 5.0
- Administrative support for Public Information Requests and Utility Development Services: 2.0
- Expedited Plan Review program: 2.0

FY 2015-16 budget was amended to include a transfer to debt service for Capital Recovery Fee defeasance in the amount of \$18.2 million. The transfer was made out of Capital Recovery Fee or Impact Fee revenue to set up an escrow account used to defease outstanding bond issues. A defeasance is a method of paying off outstanding bond issues early.

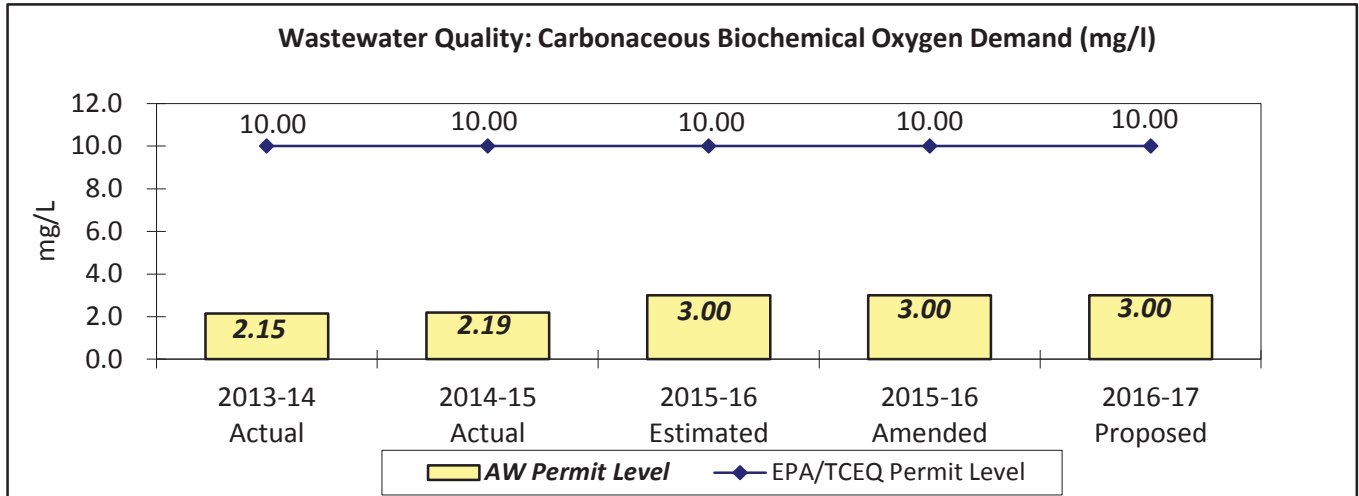
The current 5-year Capital Improvements Program (CIP) spending plan for FY 2017-21 is \$886.1 million. The emphasis is on replacement and rehabilitation of critical assets throughout the water and wastewater systems, which consist of horizontal assets (pipes, valves, etc.) and vertical assets (treatment 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.

**Key Performance Indicators**

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



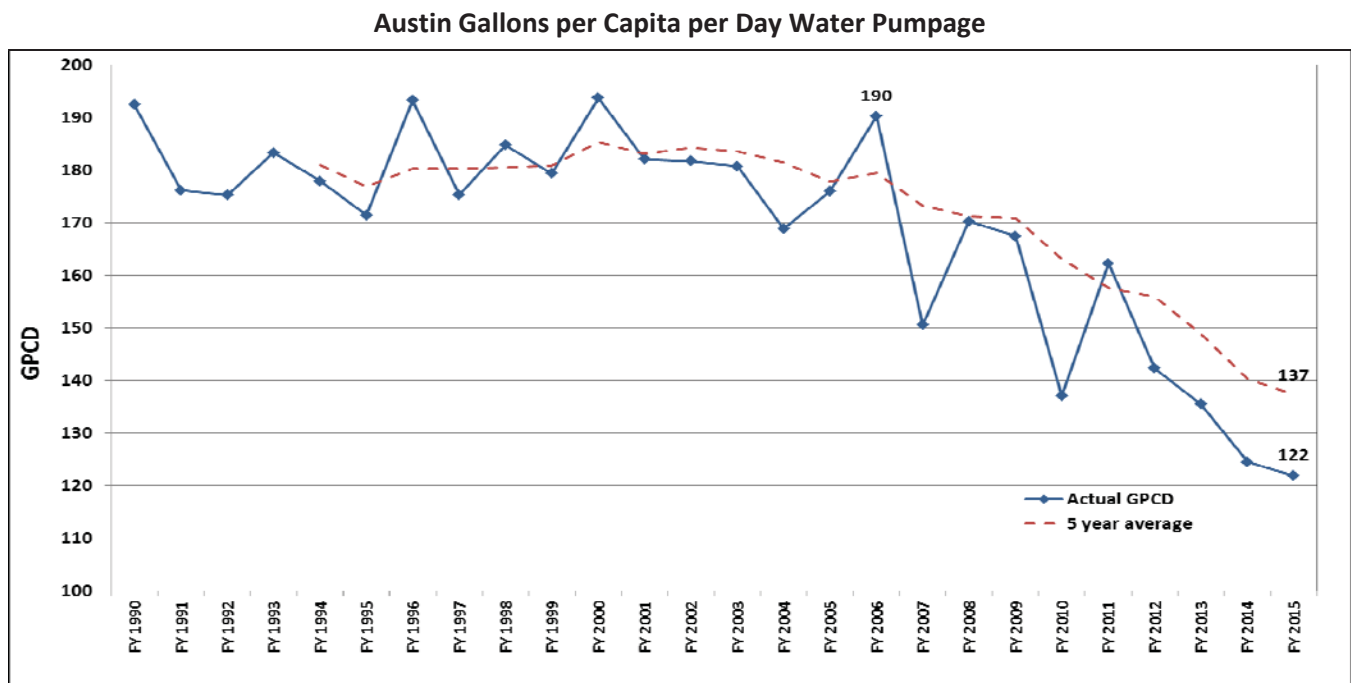
One way of assessing drinking water quality is to examine its turbidity, or the relative clarity of a liquid. Turbidity is measured in Nephelometric Turbidity Units (NTU) and it is an excellent measure of plant optimization to ensure maximum public health protection. NTUs of 1.0 or less generally are not detected by the naked eye. Per the Safe Water Drinking Act, the permit level for drinking water turbidity is less than 0.30 NTU’s 95% of the time. Austin Water projects turbidity for FY 2016-17 at 0.10 NTU’s.



One way of assessing the quality level of treated wastewater effluent is to compare the actual level of Carbonaceous Biochemical Oxygen Demand (CBOD), 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. Austin Water projects CBOD for FY 2016-17 at 3.0 mg/L.

**Water Conservation**

Continuing initiatives in the Water Conservation program for FY 2016-17 include incentives for outdoor water use reduction, commercial equipment upgrades, and a mobile app to allow customers to better understand water use. Austin Water is exploring additional opportunities for conservation under the umbrella of the Water Forward Task Force, including projects to promote reclaimed and auxiliary water use. Recent increased rainfall has refilled storage reservoirs, allowing the lifting of drought restrictions for the first time in five years. Lessons learned from the drought led to a revision of water use codes in 2016, relaxing restrictions for car washing and hose-end sprinklers, but permanently limiting automatic irrigation to one day per week. As a result of these changes, the FY 2016-17 budget includes a slight increase in water use compared to previous years. 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 2014-15, gallons of water pumpage per capita per day (GPCD) reached 122, continuing a slow downward trend, as shown in the following graph.





# Austin Water

## Background

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Austin Water's (AW) vision is to be recognized as the best water utility in the best managed city in the country. AW is committed to achieving this goal, while providing safe, reliable, high quality, sustainable, and affordable water services to our customers so that all community needs for water are met while protecting the environment through sustainable practices.

Reliable water and wastewater service is essential to the health and welfare of the community. Continued investment in the utility system is a prerequisite for economic growth and prosperity in the future. AW is a very capital-intensive enterprise, which requires continuous investment in extensive above and below ground infrastructure necessary to serve new growth, ensure system reliability, comply with regulatory requirements, and accommodate the roadway improvements in AW's service area. AW has been recognized for excellence of its services and management practices but faces important challenges in continuing to serve the community. These challenges include financial stability, implementation of a capital improvement program (CIP), and the revenue and cost impacts resulting from increased water conservation.

AW has three utility systems: Water, Wastewater, and Reclaimed. The AW's capital program includes projects defined as rehabilitation of existing infrastructure or new infrastructure, and is organized into thirteen project types which include the following: annexed area, lift station, pump station, rehabilitation, relocation, reservoir, Service Extension Request (SER) reimbursements, transmission/distribution, treatment plant, vehicles and equipment, water reclamation initiative, wastewater collection, and other.

## Prior Year Accomplishments

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AW spent approximately \$120 million on infrastructure improvements in FY 2014-15 compared to \$202 million in FY 2013-14. AW anticipates spending approximately \$154 million in FY 2015-16 with significant progress in the Treatment Plant, Wastewater Collection, and Water Reclamation project types including the renewal and enhancement of the aging Medium Service Pump Station and electrical infrastructure at the Davis Water Treatment Plant. Wastewater project type milestone accomplishments include the Parmer Lane Interceptor project, which involves the installation of over two miles of large diameter wastewater pipeline along Parmer Lane between Anderson Mill and McNeil roads. AW continued to expand the reclaimed water system in FY 2014-15, starting construction on the reclaimed water main that will serve the downtown area, including the Capitol Complex, Waterloo Park, Austin Community College, and various State of Texas office buildings.

## FY 2016-17 Spending

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The FY 2016-17 work plan 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.). Furthermore, the work plan continues to emphasize the growth of reclaimed water assets. The focus on rehabilitation and replacement of older assets can reduce operating costs by increasing the efficiency of the system.

## Operations and Maintenance Impact

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The operating and maintenance costs of the CIP program to the AW FY 2016-17 operating budget are minimal.

## Funding Sources

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AW Capital Improvements Program projects are financed largely by issue of commercial paper that is later refinanced with long-term debt serviced by AW's revenues. From FY 2012-16 AW has averaged \$23.7 million in annual appropriations, while spending down prior appropriation to accomplish average annual spending of over \$200 million from FY 2012-15. In FY 2012-

13 AW started to limit spending in the CIP due to loss of revenue in the operating fund related to drought conditions. With drought relief in FY 2015-16 more projects are moving forward and a significant appropriation is needed to support the multiyear nature of CIP projects. Full appropriations for capital projects are required for contract awards to ensure adequate funding even though that appropriation will most likely not be fully spent in the same fiscal year. The construction industry has also seen an increase in construction cost index of 11% from 2011 to 2015. In FY 2016-17 AW is appropriating \$545.2 million that will cover estimated expenses and encumbrances over the next 3-5 years. Future annual appropriations are expected to be more in alignment with annual spending.

The funding source for \$167.2 million of the \$545.2 million is from the Texas Water Development Board (TWDB). The appropriation request to cover TWDB estimated encumbrance provides AW the option to apply for a low interest loan through TWDB's State Water Implementation Fund for Texas (SWIFT) program. This option allows AW to convert current and future project expenditures normally financed with 30-year revenue bonds to a 20-year low interest loan with a reduction in interest rates based on TWDB's AAA bond rating with a 35% discount applied to their market interest rate. The interest rate reductions will save ratepayers financing costs for the funding of projects as compared to the traditional revenue bond financing. Council authorized approval to submit a multi-year loan application to TWDB in April of 2016. AW will bring forward the authorization to execute and negotiate a financing agreement to Council in August 2016 and approval of the loan transaction to Council in November 2016.

AW's CIP is reviewed annually by the Water and Wastewater Commission and Budget Subcommittee of the commission. The Budget Subcommittee meets approximately five times per year to review AW's 5-year financial forecast, proposed budget (if available), and detailed proposed 5-year CIP plan. The Budget Subcommittee will make a recommendation to the full commission for approval of the annual proposed budget. Additionally, the Water and Wastewater Commission recommends approvals for Drinking Water Protection Zone (DWPZ) projects to be included in the proposed 5-year CIP plan as part of our Financial Policies and are briefed on major CIP projects throughout the year.

## Financial Policies – 2016-17

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Policy	Current Status
20. Current revenue, which does not include the beginning balance, will be sufficient to support current expenditures (defined as “structural balance”). However, if projected revenue in future years is not sufficient to support projected requirements, ending balance may be budgeted to achieve structural balance.	In compliance
21. A Non-Nuclear Plant Decommissioning Fund shall be established to fund plant retirement. The amount set aside will be based on a decommissioning study of the plant site. Funding will be set aside over a minimum of four (4) years prior to the expected plant closure.	In compliance

### Austin Water Financial Policies

1. The term of debt generally shall not exceed the useful life of the asset, and shall not generally exceed 30 years.	In compliance
2. Capitalized interest shall only be considered during the construction phase of a new facility, if the construction period exceeds 7 years. The time frame for capitalizing interest may be 3 years but not more than 5 years. Council approval shall be obtained before proceeding with a financing that includes capitalized interest.	In compliance - Austin Water does not use capitalized interest
3. Principal repayment delays on revenue bonds shall be 1 to 3 years, but shall not exceed 5 years.	In compliance
4. Each utility shall maintain a fully funded debt service reserve for its existing revenue bond issues and future issues, in accordance with the Combined Utility Systems Revenue Bond Covenant.	In compliance
5. Debt service coverage of at least 1.50x shall be targeted.	In compliance
6. Short-term debt, including tax-exempt commercial paper, shall be used when authorized for interim financing of capital projects. The term of short-term debt shall not exceed 5 years. Commercial paper will be converted to refunding bonds when appropriate under economic and business conditions. Total short-term debt shall generally not exceed 20% of outstanding long-term debt.	In compliance
7. Commercial paper may be used to finance new water and wastewater plants, capital expansions, and growth-related projects as well as to finance routine capital improvements required for normal business operation. Commercial paper for the necessary amount may also be used to finance improvements to comply with local, state and federal mandates or regulations.	In compliance
8. Capital improvement projects for new water and wastewater treatment plants, capital expansions, and growth-related projects that are located in the Drinking Water Protection Zone (DWPZ) will be identified and submitted, as part of the annual budget process, to the following Boards and Commissions: Water and Wastewater Commission, Resource Management Commission, Environmental Board, Planning Commission, and the Zoning and Platting Commission.	In compliance

## Financial Policies – 2016-17

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Policy	Current Status
<p>These Boards and Commission will review growth-related DWPZ capital projects spending plans, obtain Board and Commission and citizen input, review consistency with Imagine Austin Comprehensive Plan, review effect on growth within the DWPZ, and make recommendations on project approval for inclusion in Austin Water Utility's 5-year capital spending plan.</p>	
<p>A public hearing will be held during the City's annual budget review process to provide citizens an additional opportunity to comment on growth related projects located within the DWPZ.</p>	
9. Ongoing routine, preventive maintenance should be funded on a pay-as-you-go basis.	In compliance
10. Capital projects should be financed through a combination of cash, referred to as pay-as-you-go financing (equity contributions from current revenues), and debt. An equity contribution ratio of at least 20% is desirable.	In compliance
11. The Austin Water Utility shall maintain a minimum quick ratio of 1.50 (Current Assets less inventory divided by Current Liabilities). Source of information shall be the Comprehensive Annual Financial Report.	In compliance
12. The Austin Water Utility shall maintain operating cash reserves equivalent to a minimum of 60 days of budgeted operations and maintenance expense.	In compliance
13. Revenue generated by the Austin Water Utility from Debt Service Coverage requirements shall be used for General Fund transfers, capital investment, or other Austin Water Utility requirements such as working capital reserve or non-CIP capital.	In compliance
14. Austin Water Utility rates shall be designed to generate sufficient revenues to support the full cost (direct and indirect) of operations and debt, provide debt service coverage and meet other revenue bond covenants, if applicable, and ensure adequate and appropriate levels of working capital.	In compliance
15. The General Fund Transfer shall not exceed 8.2% of the Austin Water Utility three-year average revenues, calculated using the current year estimate at March 31 and the previous two years' actual revenues.	In compliance
<p>Revenue collected from the Reserve Fund Surcharge will be included in the General Fund Transfer calculation, however any use or transfer of the reserve fund back into the operating fund in the future due to revenue loss will not be included in the total revenues to calculate the General Fund Transfer.</p>	
16. A Water Revenue Stability Reserve Fund shall be created and established for the purpose of offsetting current year water service revenue shortfalls below budgeted revenue levels.	In compliance
<p>The target funding level for the Reserve Fund is 120 days of the budgeted water operating requirements of Austin Water Utility, which includes operations and maintenance, and other operating transfers, but excludes debt service and other transfers. In the event that any portion of the Reserve Fund is used, the balance will be replenished to the target level within 5 years.</p>	

# Austin Water

## Significant Changes

### Austin Water Utility Fund - Combined

<b>Revenue Changes</b>	<b>Dollars</b>
Increase in Water Service revenue from the combined impact of water consumption projections, which includes moving from Stage 2 Water restrictions to Conservation Stage Water restrictions and a proposed 2.9% water rate revenue increase.	\$13,749,884
Increase in Wastewater Service revenue from the combined impact of an increase in base revenues, an increase in wastewater averages, and an increase in revenue resulting from a proposed 3.0% wastewater rate revenue increase.	\$16,406,522
Increase in Reclaimed Water Service revenue from a proposed 10.0% system-wide base reclaimed water rate revenue increase.	\$735,307
Increase in Reserve Fund Surcharge revenue due to increased consumption from moving from Stage 2 Water restrictions to Conservation Stage Water restrictions.	\$90,698
Decrease in revenue from industrial wastewater discharge permit fees and contractual agreements for cellular network towers on Austin Water ground space.	(\$120,800)
Increase in Capital Recovery Fees due to a projected increase in growth-related expenses.	\$1,964,000
<b>Expenditure Changes</b>	<b>FTEs      Dollars</b>
<b>Citywide Cost Drivers</b>	
Additional funding to cover the cost of 2% Pay for Performance and \$0.29 across-the-board wage increases in FY 2016-17, increase the living wage to \$13.50 per hour, annualize the cost of a Citywide market study approved in FY 2015-16, and increase City contributions for health insurance by 8%.	\$4,331,468
Decrease in Accrued Payroll and Workers' Compensation.	(\$500,279)
Increase in fleet fuel charges and fleet preventative maintenance costs.	\$714,913
Increase in the Communication Technology Management support allocation.	\$399,487
Increase in the City Administrative Support Transfer.	\$241,988
Funding methodology change in the Capital Project Management Fund allocates administrative costs for project management activities to operating budgets and discontinues practice of directly charging capital projects. Increase to operating budget is offset by decrease to capital budget.	\$1,813,549

Expenditure Changes	FTEs	Dollars
<b>Department Cost Drivers</b>		
Four new positions in Pipeline Operations to focus on troubleshooting, investigating and inspecting water distribution systems and to assist with the Small Meter Exchange Program and annual large water meter testing.	4.00	\$313,992
One new position in Engineering Services to address an increasing workload that the Facility Engineering SCADA (Supervisory Control and Data Acquisition) group is experiencing due to a number of reasons, especially with the significant addition of over 150 major pieces of SCADA equipment.	1.00	\$147,508
One new position in Engineering Services to address additional responsibilities for emergencies related to large diameter transmissions, operation of large valves, implementation of Capital Improvement Program projects and overall Engineering Support of the Transmission/Distribution system.	1.00	\$138,884
One and a half new positions in Treatment to provide instrumentation and automation support for the expanded service area for the water, wastewater and reclaimed facilities and to provide additional assistance for work in the septic	1.50	\$130,572
Five new positions in Support Services to provide support for planning and delivering security system improvement projects to the Utility, assisting customers with tap sales requests, assisting with the support of the laboratory information management system (LIMS), promoting accident injury prevention and strengthening the Records and Information Management Program.	5.00	\$550,463
Five new positions in Treatment for work related to the newly annexed Lost Creek and River Place Package plants and water systems, the growing reclaimed system, and several new lift stations.	5.00	\$441,948
Two new positions in Environmental Affairs and Conservation and Water Resource Management to address administrative efficiency for Public Information Requests and the Utility Development Services Division.	2.00	\$134,964
One new position in Support Services to strengthen internal controls related to debt management, external agreements and the annexation process. This position will also assist with impact fee tracking and reporting.	1.00	\$124,221
Transfer of 1.0 position to corporate Human Resources.	(1.00)	(\$133,072)
Two new positions for the Expedited Plan Review Program funded by the Development Services Department.	2.00	\$0
Increase in temporary employees due to additional staff needed to maintain service levels, provide administrative support, meet fiber installation project demand, and replace staff on active military duty.		\$478,705
Decrease in vacancy savings (increased cost) to reflect current vacancy trends.		\$1,237,990
Increase in security services costs to cover the new contract with an increased scope of work.		\$1,000,000
Additional contracts cost for flow monitoring services, digitizing records, valve turns services and pressure testing for new water mains.		\$1,953,712

<b>Expenditure Changes</b>	<b>FTEs</b>	<b>Dollars</b>
Increase in equipment rental for chemical corrosion and odor treatment program implementation.		\$110,204
Decrease in electric services anticipating moving Austin Water accounts from the Green Choice rate to the Commercial Energizer rate.		(\$3,288,242)
Increase in street cut repair costs.		\$1,500,000
Add a reimbursement to Development Services Department for a Project Coordinator to assist with site plan plumbing reviews and costs associated with Amanda programming upgrades.		\$695,807
Increase in the transfer to Austin Energy for utility billing system support.		\$2,084,235
Decrease in bad debt expense based on revenue collection trends.		(\$555,407)
Increase in fire and extended coverage insurance costs.		\$225,052
Increase in legal claims related to the wholesale rate case for payment of refunds to the petitioners, which is in compliance with the Public Utility Commission Final Order.		\$2,100,000
Cover increases to existing computer software maintenance agreements and additional maintenance costs for new software.		\$296,042
Increases in pipeline maintenance for leak detection, sewer cleaning and inspection services, and to allow for a condition assessment of a piece of aging infrastructure.		\$1,206,080
Increase the training and travel budget in order to maintain required professional licenses and to be inline with historical continuing educational needs.		\$383,015
Increase in chemical costs due to a change in raw water quality that requires more chemicals to maintain treated water standards.		\$862,940
Purchase additional meters for the small meter replacement program.		\$172,288
Increase in debt service requirements offset by savings from 2016 bond refinancing and defeasance.		\$5,244,385
Increase in the operating fund cash transfers for pay-as-you-go cash financing for Water, Wastewater, and Reclaimed Water capital projects.		\$10,650,000
Decrease in debt service CRF defeasance transfer to reduce Austin Water debt using impact fee/capital recover fee collections.		(\$3,200,000)
Increases in transfers to the General Fund, Water Revenue Stability Reserve Fund, and Economic Development Fund.		\$3,042,627

# Austin Water

Account	Funding Source	Appropriation
<b>Vehicles and Equipment</b>		
Expenditures include vehicles and equipment to support ongoing operations by staff.		
3920 2207 6591	Current Revenue	\$923,000
4480 2307 4878	Current Revenue	\$3,153,000
<b>Water Infrastructure Improvements</b>		
Expenditures include improvements to existing or new infrastructure to ensure system reliability and serve new growth.		
3920 2207 2210	Current Revenue	\$38,809,293
3960 2207 2215	Debt - Commercial Paper	\$133,162,032
4250 2207 2220	Texas Water Development Board	\$80,195,000
<b>Reclaimed Water Infrastructure Improvements</b>		
Expenditures include improvements to existing or new infrastructure to ensure system reliability and serve new growth.		
4010 2107 4210	Current Revenue	\$1,685,000
3990 2107 4215	Debt - Commercial Paper	\$21,749,570
4020 2107 4220	Texas Water Development Board	\$38,647,000
<b>Wastewater Infrastructure Improvements</b>		
Expenditures include improvements to existing or new infrastructure to ensure system reliability and serve new growth.		
4480 2307 3210	Current Revenue	\$68,312,528
4570 2307 3215	Debt - Commercial Paper	\$110,268,785
4600 2307 3220	Texas Water Development Board	\$48,333,000
<b>Total New Appropriation</b>		<b>\$545,238,208</b>



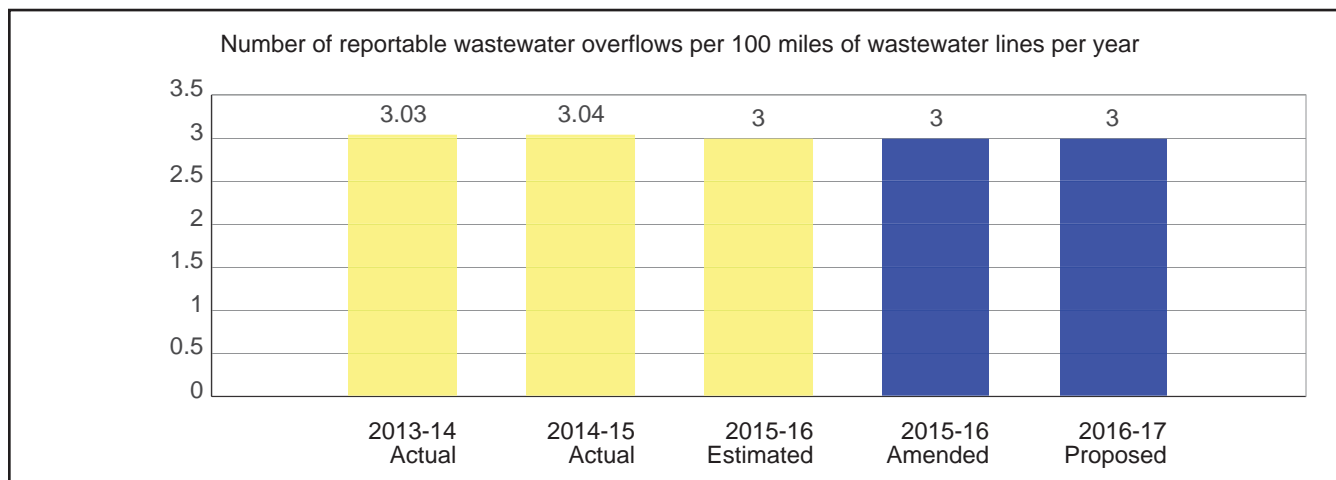
# Austin Water

## 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.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Expense Refunds	0	816,037	841,187	956,667	971,653
Wastewater Utility Operating Fund	4,267,585	3,853,963	4,057,375	4,045,499	5,038,040
Water Utility Operating Fund	683,690	290,238	313,705	179,826	238,610
<b>Total Requirements</b>	<b>\$4,951,275</b>	<b>\$4,960,237</b>	<b>\$5,212,267</b>	<b>\$5,181,992</b>	<b>\$6,248,303</b>
<b>Full-Time Equivalents</b>					
Wastewater Utility Operating Fund					
Civilian	19.00	19.00	19.00	19.00	19.00
Water Utility Operating Fund					
Civilian	6.00	5.00	5.00	5.00	5.00
<b>Total FTEs</b>	<b>25.00</b>	<b>24.00</b>	<b>24.00</b>	<b>24.00</b>	<b>24.00</b>
<b>Performance Measures</b>					
Linear feet of deteriorated wastewater main replaced or rehabilitated	28,321	27,482	35,000	35,000	35,000
Linear feet of deteriorated water mains replaced or relocated	57,535	52,523	52,000	52,000	52,000
<b>Number of reportable wastewater overflows per 100 miles of wastewater lines per year</b>	<b>3.03</b>	<b>3.04</b>	<b>3</b>	<b>3</b>	<b>3</b>

### Services

Engineering technical services for wastewater collection and water mains.

### Contact

Kevin Koeller, Manager, 512-972-2055

**Bold Measure = Key Indicator**

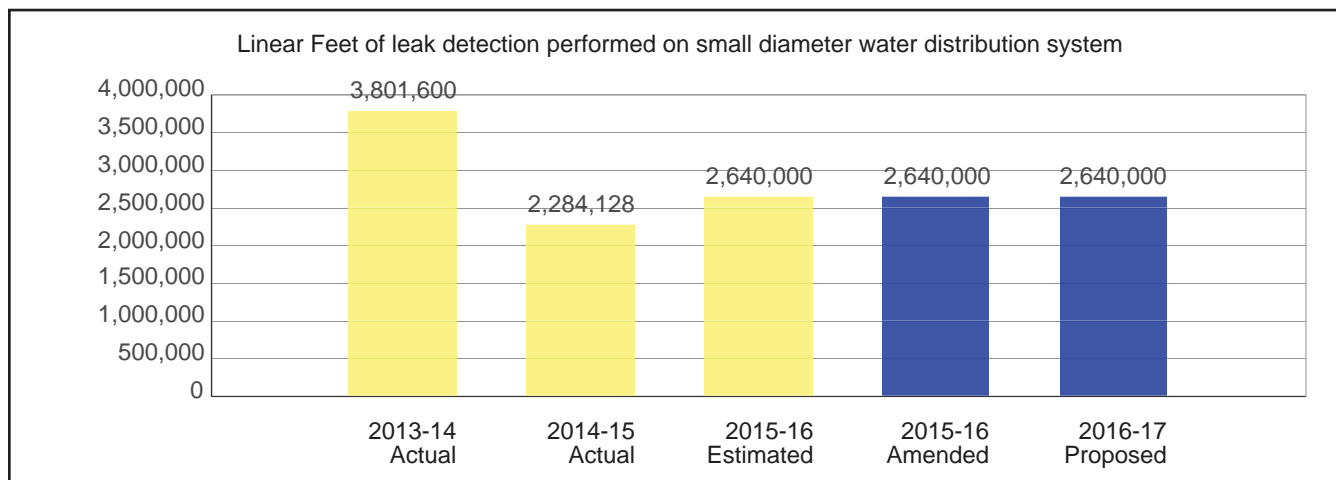
# Austin Water

## 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.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Expense Refunds	0	31,224	37,082	31,838	43,989
Wastewater Utility Operating Fund	1,218,194	1,449,932	427,048	427,663	430,593
Water Utility Operating Fund	3,751,248	3,579,190	2,435,020	2,393,056	3,300,630
<b>Total Requirements</b>	<b>\$4,969,442</b>	<b>\$5,060,346</b>	<b>\$2,899,150</b>	<b>\$2,852,557</b>	<b>\$3,775,212</b>
<b>Full-Time Equivalents</b>					
Wastewater Utility Operating Fund					
Civilian	12.50	12.50	3.50	3.50	3.50
Water Utility Operating Fund					
Civilian	21.50	22.50	13.50	13.50	14.50
<b>Total FTEs</b>	<b>34.00</b>	<b>35.00</b>	<b>17.00</b>	<b>17.00</b>	<b>18.00</b>
<b>Performance Measures</b>					
Linear feet of leak detection and condition assessment performed on large diameter water transmission lines	73,471	70,245	52,800	52,800	66,300
Linear Feet of leak detection performed on small diameter water distribution system	3,801,600	2,284,128	2,640,000	2,640,000	2,640,000

### Services

Engineering technical services for the water distribution and transmission systems.

### Contact

Mark Dollins, Manager, 512-972-1028

**Bold Measure = Key Indicator**

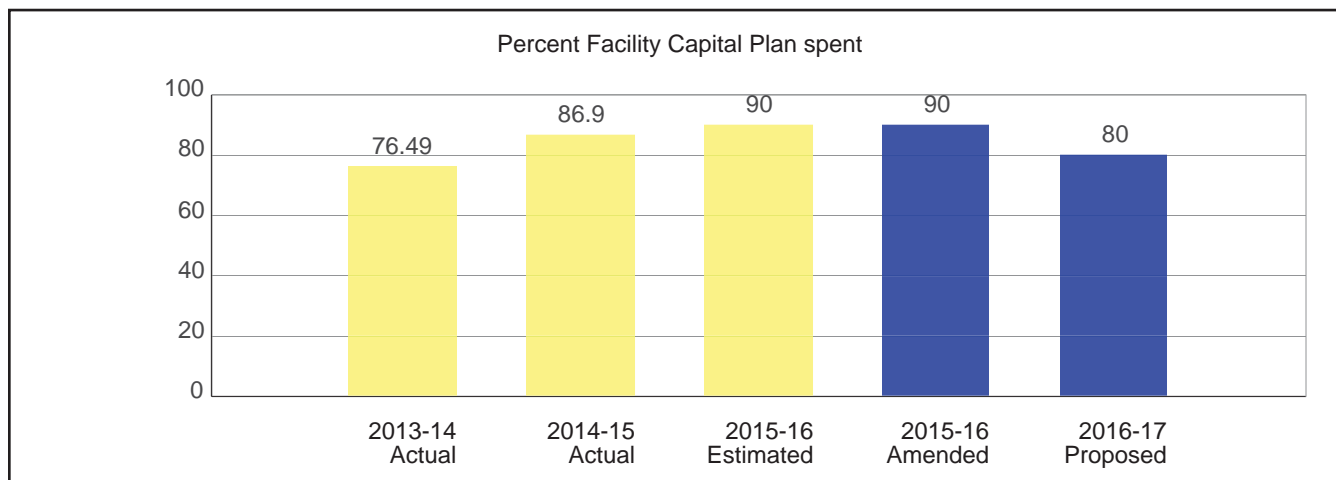
# Austin Water

## Budget Detail by Activity

Program: Engineering Services

Activity: Facility Engineering

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



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Expense Refunds	0	1,222,187	1,043,836	1,605,364	1,205,731
Wastewater Utility Operating Fund	1,686,342	1,277,031	1,532,756	1,377,605	1,483,576
Water Utility Operating Fund	1,838,447	1,227,739	1,336,247	935,888	1,373,322
<b>Total Requirements</b>	<b>\$3,524,789</b>	<b>\$3,726,957</b>	<b>\$3,912,839</b>	<b>\$3,918,857</b>	<b>\$4,062,629</b>
<b>Full-Time Equivalents</b>					
Wastewater Utility Operating Fund					
Civilian	13.10	13.60	14.08	14.08	14.07
Water Utility Operating Fund					
Civilian	15.90	15.90	15.92	15.92	16.93
<b>Total FTEs</b>	<b>29.00</b>	<b>29.50</b>	<b>30.00</b>	<b>30.00</b>	<b>31.00</b>
<b>Performance Measures</b>					
Percent Facility Capital Plan spent	76.49	86.9	90	90	80
Percent SCADA Systems Equipment Availability	New Meas	New Meas	New Meas	New Meas	96

### Services

Engineering and SCADA technical services for treatment plants and related facilities and systems.

### Contact

Bill Stauber, Manager, 512-972-0239

**Bold Measure = Key Indicator**

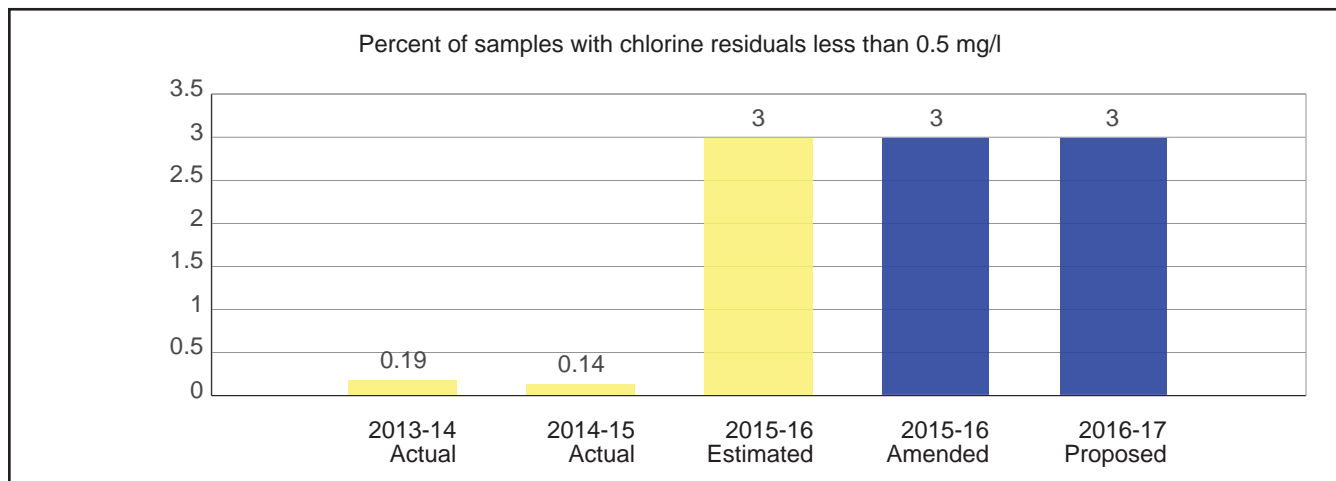
# Austin Water

## 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 statutes, rules and regulations and provide information to Utility management in order to allow the Utility to be proactive in its regulatory compliance.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Wastewater Utility Operating Fund	673,252	710,670	675,943	675,613	714,831
Water Utility Operating Fund	549,776	586,568	557,727	556,289	590,890
<b>Total Requirements</b>	<b>\$1,223,028</b>	<b>\$1,297,238</b>	<b>\$1,233,670</b>	<b>\$1,231,902</b>	<b>\$1,305,721</b>
<b>Full-Time Equivalents</b>					
Wastewater Utility Operating Fund					
Civilian	6.00	5.50	5.50	5.50	5.50
Water Utility Operating Fund					
Civilian	5.00	4.50	4.50	4.50	4.50
<b>Total FTEs</b>	<b>11.00</b>	<b>10.00</b>	<b>10.00</b>	<b>10.00</b>	<b>10.00</b>
<b>Performance Measures</b>					
Percent of samples with chlorine residuals less than 0.5 mg/l	0.19	0.14	3	3	3
Utility-wide energy efficiency (kWh per million gallons of water, wastewater, and reclaimed water services provided)	2,278	2,325	2,301	2,352	2,278

### Services

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

### Contact

Raj Bhattarai, Manager, 512-972-0075

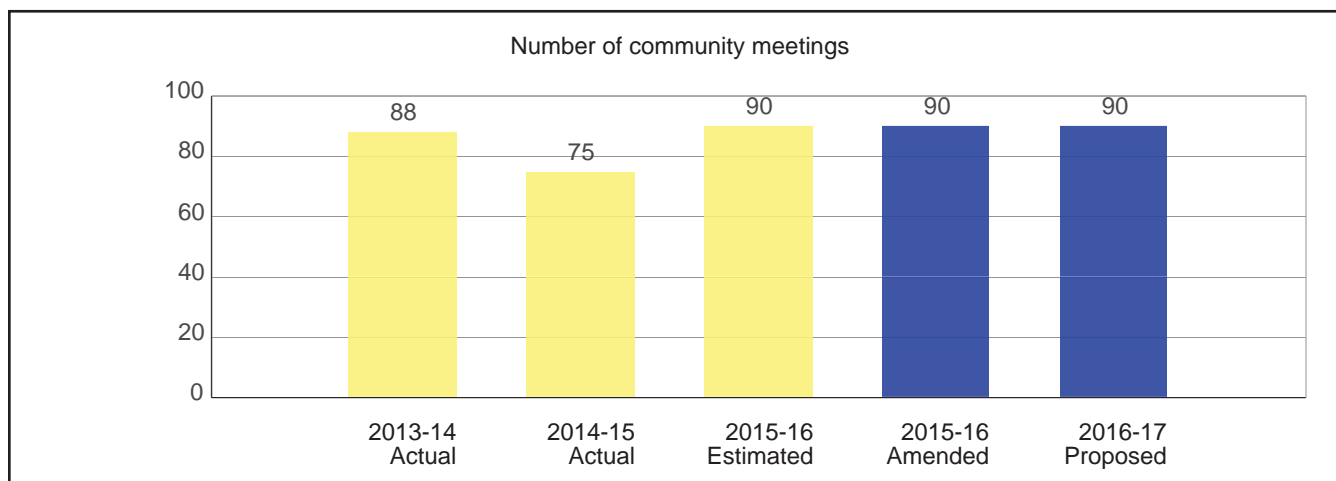
# Austin Water

## 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.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Wastewater Utility Operating Fund	483,438	505,552	567,914	554,015	574,750
Water Utility Operating Fund	1,831,738	1,370,894	1,408,942	1,393,835	1,416,597
<b>Total Requirements</b>	<b>\$2,315,177</b>	<b>\$1,876,446</b>	<b>\$1,976,856</b>	<b>\$1,947,850</b>	<b>\$1,991,347</b>
<b>Full-Time Equivalents</b>					
Wastewater Utility Operating Fund Civilian	4.17	3.92	4.00	4.00	4.50
Water Utility Operating Fund Civilian	4.18	3.93	4.00	4.00	4.50
<b>Total FTEs</b>	<b>8.35</b>	<b>7.85</b>	<b>8.00</b>	<b>8.00</b>	<b>9.00</b>
<b>Performance Measures</b>					
Number of community meetings	88	75	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

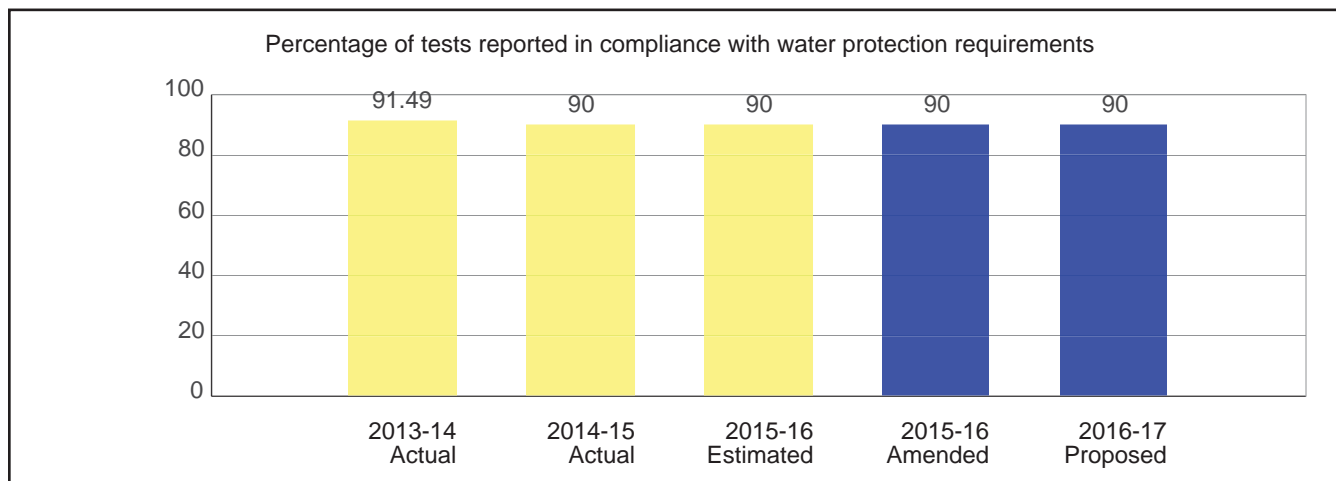
# Austin Water

## 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.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Expense Refunds	86	111	0	0	0
Wastewater Utility Operating Fund	1,654,036	1,685,493	1,654,711	1,653,236	1,697,043
Water Utility Operating Fund	1,162,297	1,227,716	1,239,958	1,239,834	1,278,702
<b>Total Requirements</b>	<b>\$2,816,419</b>	<b>\$2,913,320</b>	<b>\$2,894,669</b>	<b>\$2,893,070</b>	<b>\$2,975,745</b>
<b>Full-Time Equivalents</b>					
Wastewater Utility Operating Fund					
Civilian	17.85	18.30	16.70	16.70	16.20
Water Utility Operating Fund					
Civilian	13.45	13.05	13.15	13.15	13.15
<b>Total FTEs</b>	<b>31.30</b>	<b>31.35</b>	<b>29.85</b>	<b>29.85</b>	<b>29.35</b>
<b>Performance Measures</b>					
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	91.49	90	90	90	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

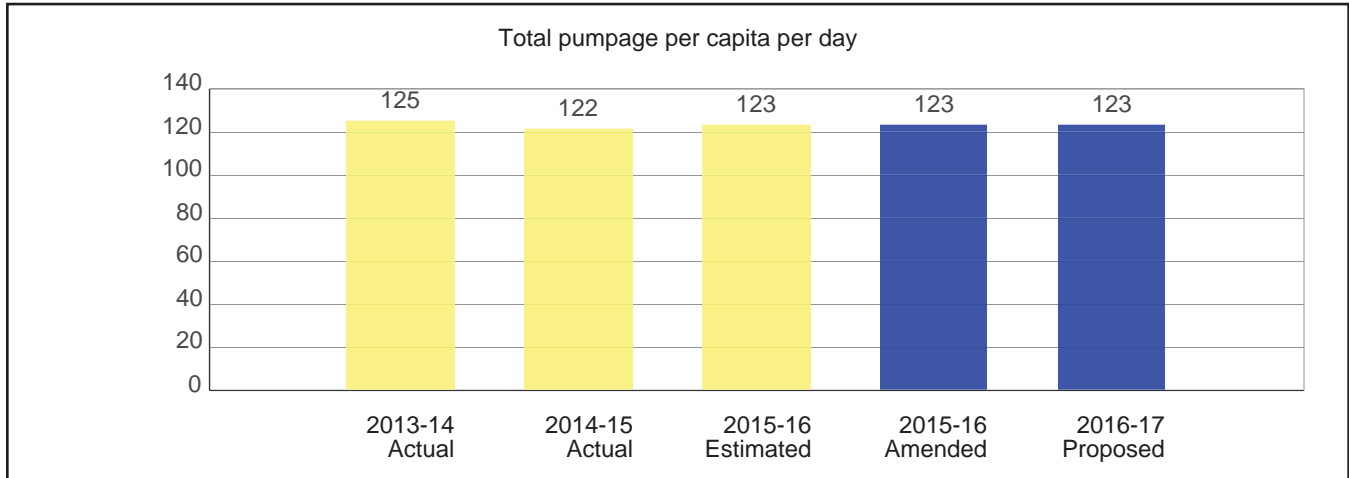
**Bold Measure = Key Indicator**

# 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.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Water Utility Operating Fund	2,846,740	2,859,483	3,343,219	4,333,831	4,209,195
<b>Total Requirements</b>	<b>\$2,846,740</b>	<b>\$2,859,483</b>	<b>\$3,343,219</b>	<b>\$4,333,831</b>	<b>\$4,209,195</b>
<b>Full-Time Equivalents</b>					
Water Utility Operating Fund Civilian	20.00	20.00	20.00	20.00	20.00
<b>Total FTEs</b>	<b>20.00</b>	<b>20.00</b>	<b>20.00</b>	<b>20.00</b>	<b>20.00</b>
<b>Performance Measures</b>					
Peaking Factor (ratio of maximum daily demand to average daily demand)	1.55	1.737	1.55	1.55	1.55
<b>Total pumpage per capita per day</b>	<b>125</b>	<b>122</b>	<b>123</b>	<b>123</b>	<b>123</b>

#### 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

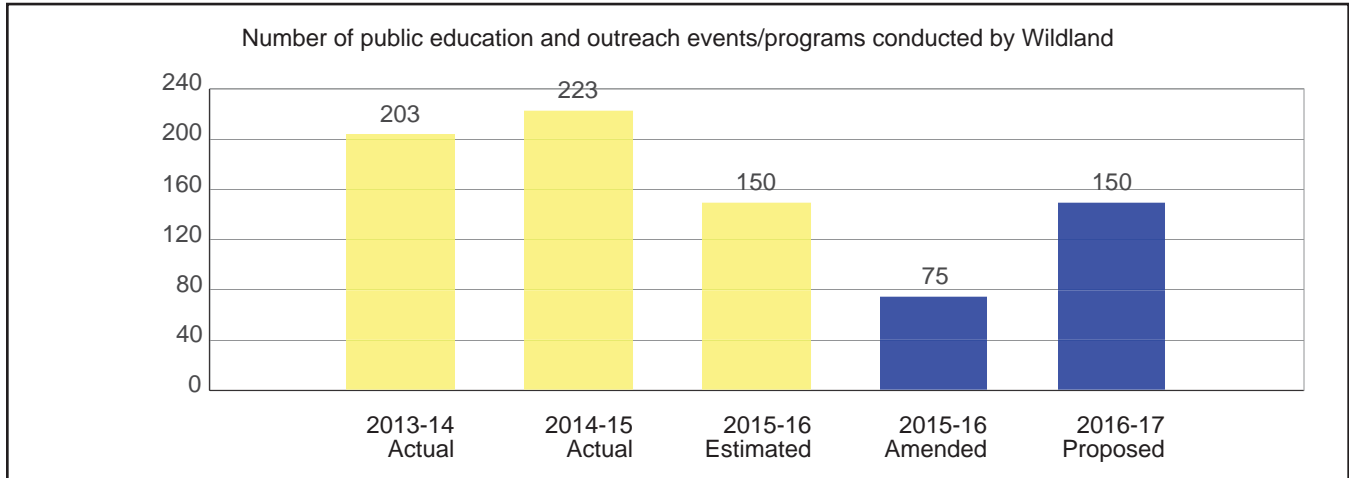
# Austin Water

## Budget Detail by Activity

Program: Environmental Affairs & Conservation

Activity: Wildland Conservation

The purpose of the Wildlands Conservation Division is to provide conservation and land management services to land purchased in fee simple or conservation easement in order to protect sensitive watersheds in the recharge/contributing zones, preserve endangered species and protect source water of drinking water supplies.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Expense Refunds	0	1,121,952	1,335,288	1,347,845	1,430,098
Water Utility Operating Fund	2,519,824	1,355,978	1,439,672	1,447,449	1,527,445
<b>Total Requirements</b>	<b>\$2,519,824</b>	<b>\$2,477,930</b>	<b>\$2,774,960</b>	<b>\$2,795,294</b>	<b>\$2,957,543</b>
<b>Full-Time Equivalents</b>					
Water Utility Operating Fund Civilian	21.00	21.00	22.00	22.00	22.00
<b>Total FTEs</b>	<b>21.00</b>	<b>21.00</b>	<b>22.00</b>	<b>22.00</b>	<b>22.00</b>
<b>Performance Measures</b>					
Number of acres receiving planned conservation practices or compliance monitoring	New Meas	45,343	16,000	16,000	25,000
Number of public education and outreach events/programs conducted by Wildland	203	223	150	75	150

### Services

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

### Contact

Kevin Thuesen, Acting Manager, 512-972-1666

**Bold Measure = Key Indicator**



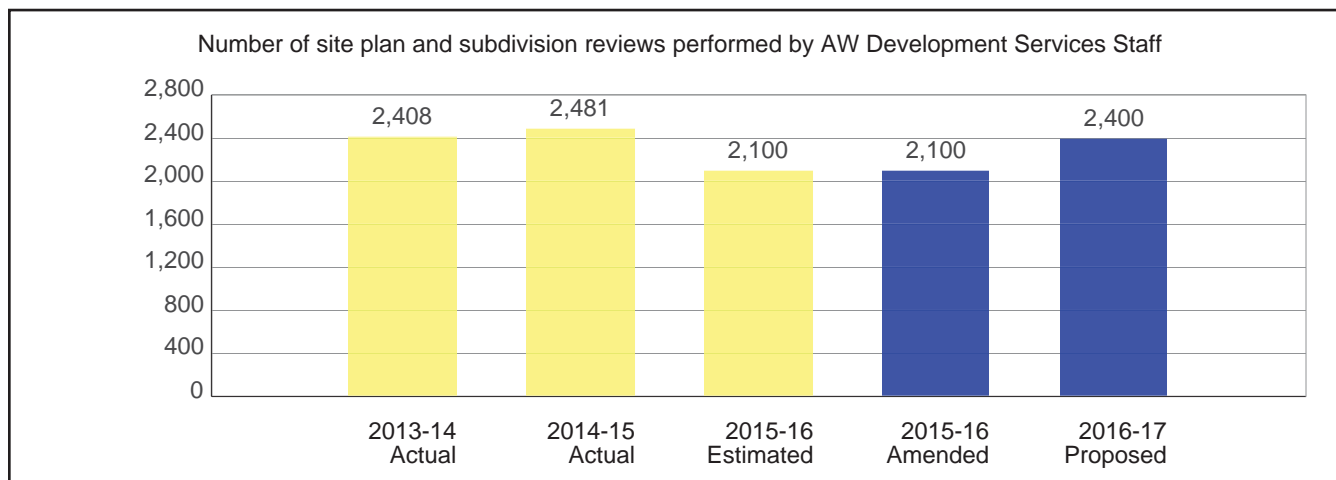
# Austin Water

## 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.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Expense Refunds	0	0	0	0	129,695
Wastewater Utility Operating Fund	293,616	340,700	409,107	410,048	472,876
Water Utility Operating Fund	264,477	259,002	243,430	242,813	250,758
<b>Total Requirements</b>	<b>\$558,093</b>	<b>\$599,703</b>	<b>\$652,537</b>	<b>\$652,861</b>	<b>\$853,329</b>
<b>Full-Time Equivalents</b>					
Wastewater Utility Operating Fund					
Civilian	2.90	3.35	3.95	3.95	5.45
Water Utility Operating Fund					
Civilian	3.10	3.60	2.50	2.50	3.50
<b>Total FTEs</b>	<b>6.00</b>	<b>6.95</b>	<b>6.45</b>	<b>6.45</b>	<b>8.95</b>
<b>Performance Measures</b>					
Number of customers served by AW Development Services staff at Development Assistance Center	947	976	1,000	1,000	960
Number of site plan and subdivision reviews performed by AW Development Services Staff	2,408	2,481	2,100	2,100	2,400

### 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**

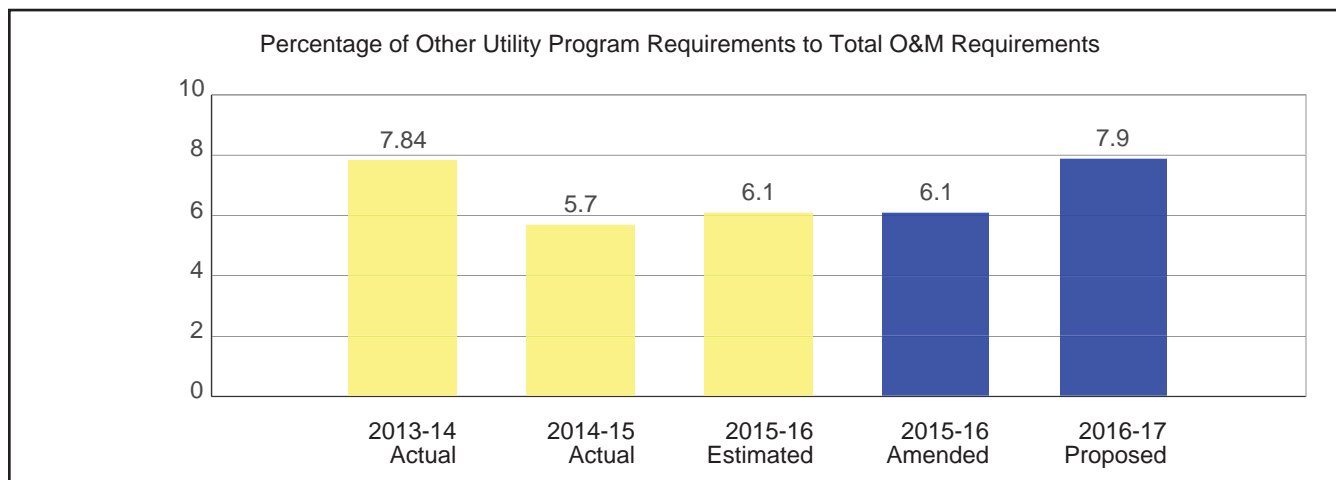
# Austin Water

## 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.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Expense Refunds	108,346	36,222	0	0	0
Reclaimed Water Utility Operating Fund	23,305	27,251	21,508	21,567	23,768
Wastewater Utility Operating Fund	5,448,233	4,281,256	5,259,548	4,603,300	6,896,287
Water Utility Operating Fund	8,828,522	5,462,993	5,875,017	6,584,056	8,502,147
<b>Total Requirements</b>	<b>\$14,408,407</b>	<b>\$9,807,723</b>	<b>\$11,156,073</b>	<b>\$11,208,923</b>	<b>\$15,422,202</b>
<b>Performance Measures</b>					
Percent of Bad Debt Expense compared to Total Billed Revenue	1.32	0.51	0.86	0.9	0.75
Percentage of Other Utility Program Requirements to Total O&M Requirements	7.84	5.7	6.1	6.1	7.9

### 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

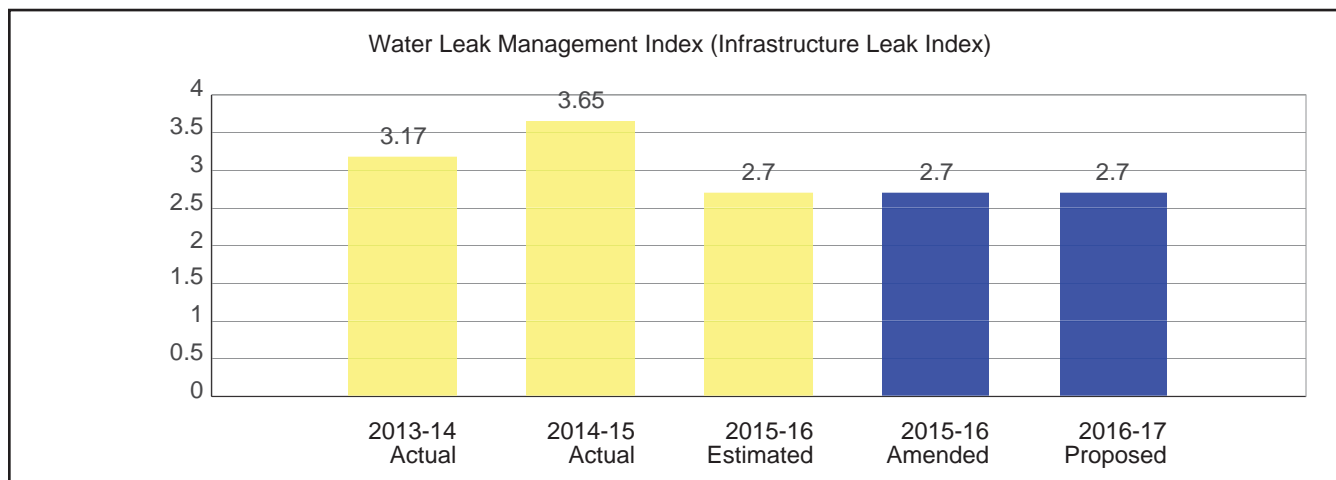
# Austin Water

## 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.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Wastewater Utility Operating Fund	1,371,103	1,504,691	1,670,088	1,653,601	1,773,877
Water Utility Operating Fund	1,439,983	1,513,428	1,682,802	1,670,410	1,781,937
<b>Total Requirements</b>	<b>\$2,811,086</b>	<b>\$3,018,118</b>	<b>\$3,352,890</b>	<b>\$3,324,011</b>	<b>\$3,555,814</b>
<b>Full-Time Equivalents</b>					
Wastewater Utility Operating Fund					
Civilian	18.00	19.50	19.50	19.50	20.00
Water Utility Operating Fund					
Civilian	18.33	19.50	19.50	19.50	20.00
<b>Total FTEs</b>	<b>36.33</b>	<b>39.00</b>	<b>39.00</b>	<b>39.00</b>	<b>40.00</b>
<b>Performance Measures</b>					
Number of Service Requests initiated by AW dispatchers from customers	14,773	15,631	14,500	14,500	15,500
Water Leak Management Index (Infrastructure Leak Index)	3.17	3.65	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

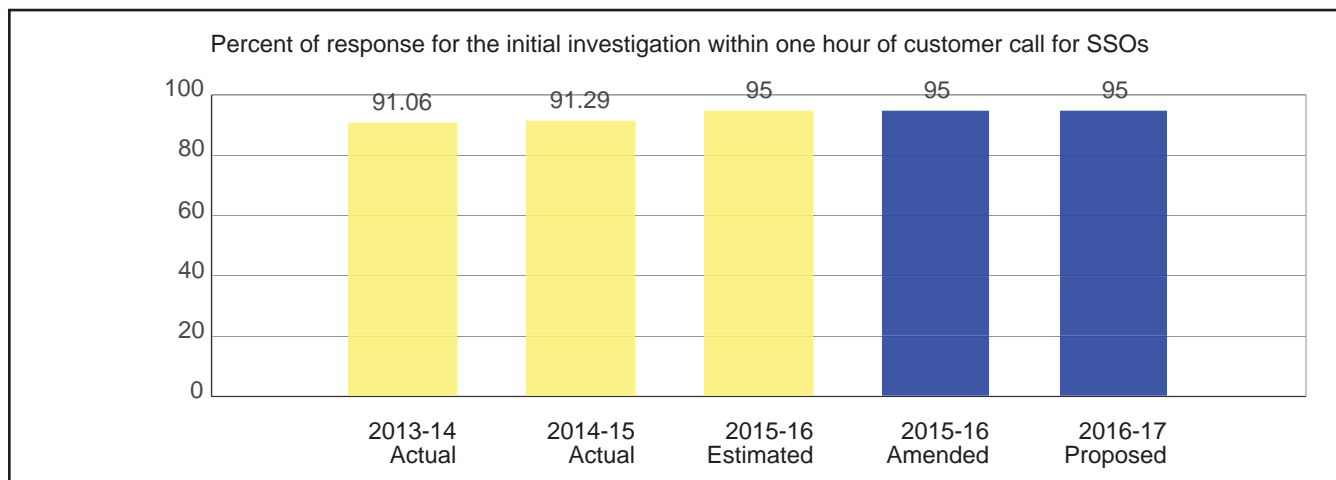
# Austin Water

## 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.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Expense Refunds	16,515	197,487	50,305	149,775	58,107
Wastewater Utility Operating Fund	15,297,778	15,463,636	15,946,796	15,762,019	16,914,952
<b>Total Requirements</b>	<b>\$15,314,293</b>	<b>\$15,661,123</b>	<b>\$15,997,101</b>	<b>\$15,911,794</b>	<b>\$16,973,059</b>
<b>Full-Time Equivalents</b>					
Wastewater Utility Operating Fund					
Civilian	141.59	141.62	139.62	139.62	137.82
<b>Total FTEs</b>	<b>141.59</b>	<b>141.62</b>	<b>139.62</b>	<b>139.62</b>	<b>137.82</b>
<b>Performance Measures</b>					
Feet of pipe installed	19,932.4	15,806.4	15,000	15,000	15,000
Number of linear feet of wastewater main cleaned	2,527,985	2,220,003	2,020,500	2,020,500	2,020,500
Number of linear feet of wastewater main TV inspected	2,298,195	1,839,036	1,842,500	1,842,500	1,842,500
Percent of response for the initial investigation within one hour of customer call for SSOs	91.06	91.29	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**

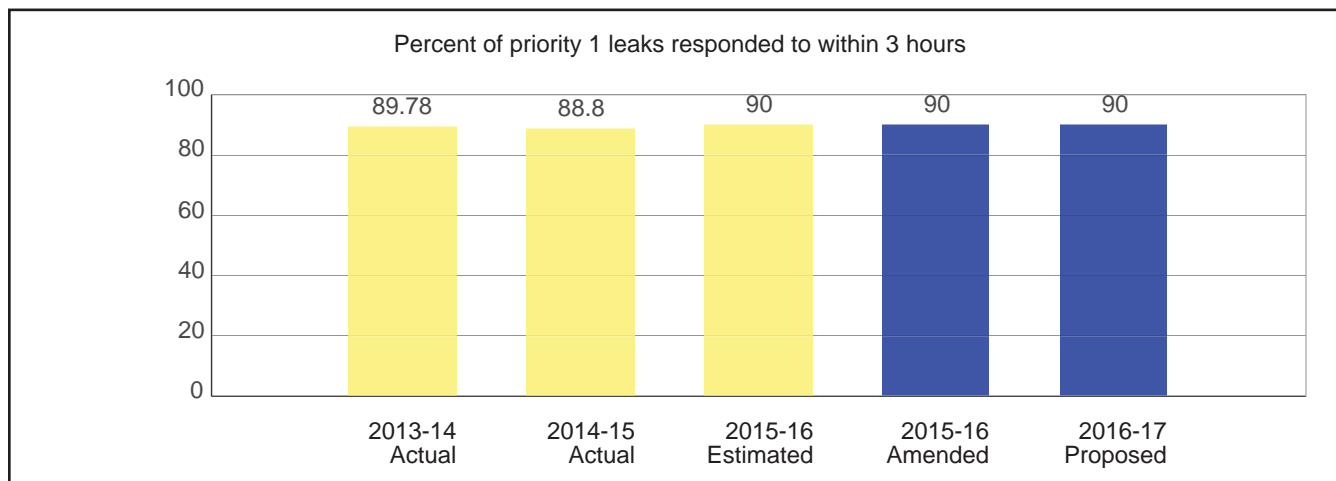
# Austin Water

## 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.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Expense Refunds	5,826	992,252	1,444,509	1,043,453	1,667,954
Water Utility Operating Fund	22,572,360	21,642,018	22,116,019	22,134,095	24,095,410
<b>Total Requirements</b>	<b>\$22,578,187</b>	<b>\$22,634,271</b>	<b>\$23,560,528</b>	<b>\$23,177,548</b>	<b>\$25,763,364</b>
<b>Full-Time Equivalent</b>					
Water Utility Operating Fund					
Civilian	173.08	168.38	170.38	170.38	175.18
<b>Total FTEs</b>	<b>173.08</b>	<b>168.38</b>	<b>170.38</b>	<b>170.38</b>	<b>175.18</b>
<b>Performance Measures</b>					
Number of water leaks repaired	7,003	5,848	6,000	6,000	6,000
Percent of Fire Hydrants back in service less or equal to 14 days	80	93.48	90	90	90
Percent of valves exercised within last five years	36	38	50	50	50
Percentage of meters 3" or larger that were tested and verified for accuracy within the last 12 months	66	77	90	90	90
<b>Percent of priority 1 leaks responded to within 3 hours</b>	<b>89.78</b>	<b>88.8</b>	<b>90</b>	<b>90</b>	<b>90</b>

### 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**

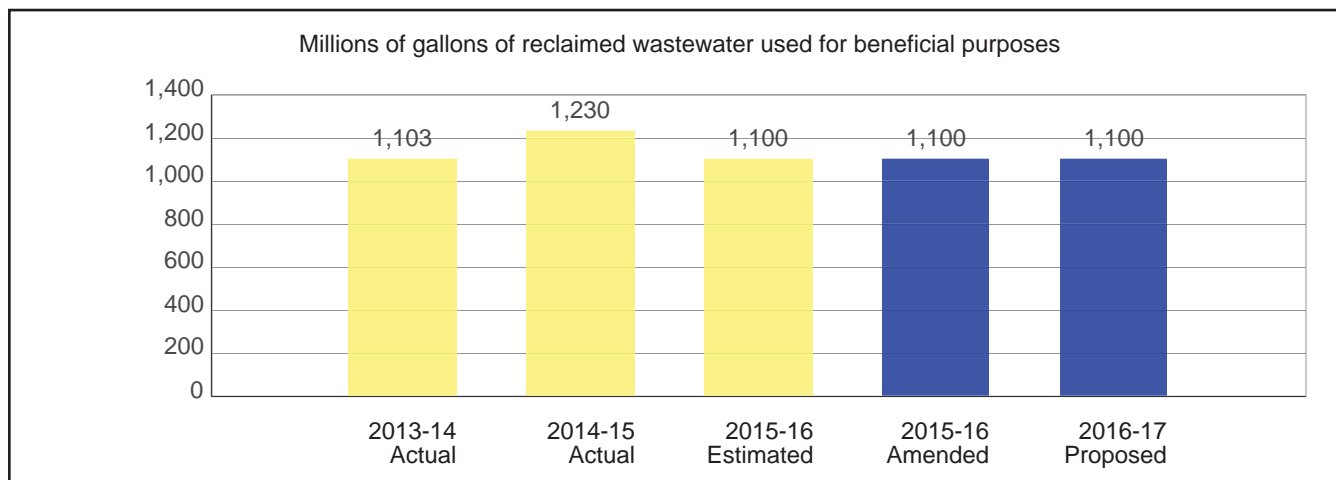
# Austin Water

## 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.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Expense Refunds	0	1,278	2,004	2,004	2,004
Reclaimed Water Utility Operating Fund	314,442	339,436	375,185	388,355	416,789
<b>Total Requirements</b>	<b>\$314,442</b>	<b>\$340,713</b>	<b>\$377,189</b>	<b>\$390,359</b>	<b>\$418,793</b>
<b>Full-Time Equivalents</b>					
Reclaimed Water Utility Operating Fund Civilian	3.00	3.00	3.00	3.00	3.00
<b>Total FTEs</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>
<b>Performance Measures</b>					
Millions of gallons of reclaimed wastewater used for beneficial purposes	1,103	1,230.18	1,100	1,100	1,100
Reclaimed Water Revenue	819,965	943,855	1,715,585	1,770,107	2,505,414

### 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

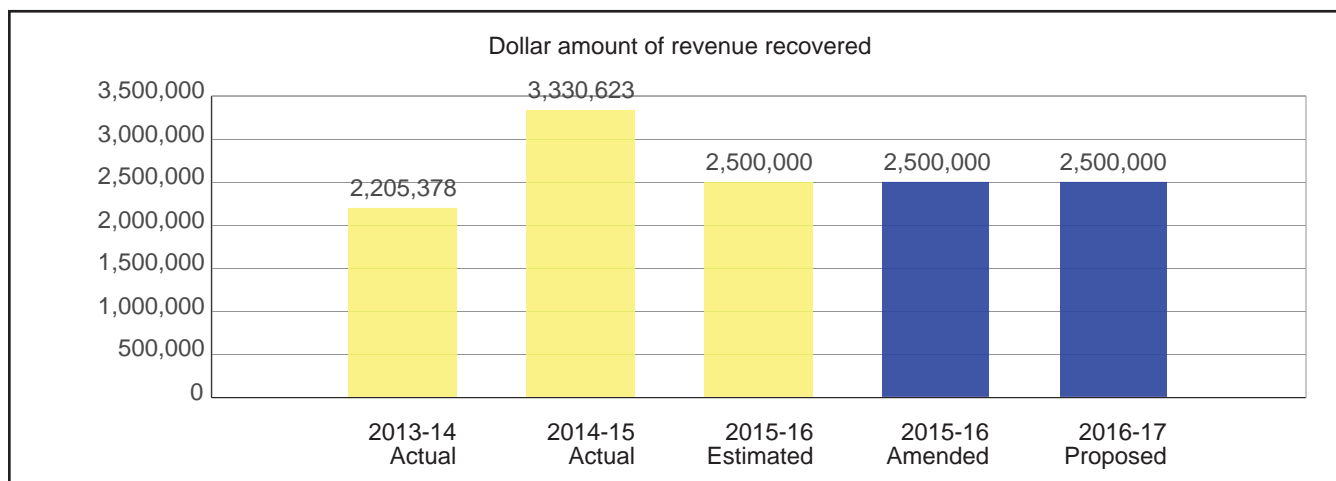
# Austin Water

## 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.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Expense Refunds	354,215	427,806	298,511	298,511	300,000
Wastewater Utility Operating Fund	10,730,697	10,871,915	11,689,821	11,298,993	12,833,279
Water Utility Operating Fund	11,499,852	10,955,674	11,813,288	11,450,765	13,002,785
<b>Total Requirements</b>	<b>\$22,584,764</b>	<b>\$22,255,394</b>	<b>\$23,801,620</b>	<b>\$23,048,269</b>	<b>\$26,136,064</b>
<b>Full-Time Equivalents</b>					
Wastewater Utility Operating Fund					
Civilian	87.06	86.31	85.32	85.32	87.82
Water Utility Operating Fund					
Civilian	87.14	86.89	87.38	87.38	89.88
<b>Total FTEs</b>	<b>174.20</b>	<b>173.20</b>	<b>172.70</b>	<b>172.70</b>	<b>177.70</b>
<b>Performance Measures</b>					
Customer Service Complaint Rate	0.053	0.044	0.08	0.08	0.08
Dollar amount of revenue recovered	2,205,378	3,330,623	2,500,000	2,500,000	2,500,000
Employee Turnover Rate	9.52	8.81	9	9	8.5
Lost Time Injury Rate Per the Equivalent of 100 Employees	2.53	3.5	2.7	2.7	2.7
Percent of actual O&M spending to budget	94.8	98.03	98	98	98
Percent of Average Annual Residential Bill to Median Household Income	1.14	1.16	1.24	1.2	1.2
Percentage of actual cash contribution compared to actual CIP spending	14	29	43	20	32.3
Sick leave hours used per 1,000 hours	31.27	33.22	32	32	32
<b>Credit rating for separate-lien water utility revenue bonds</b>	<b>AA</b>	<b>AA</b>	<b>AA</b>	<b>AA</b>	<b>AA</b>

### Services

Support services encompasses all O&M units associated with administrative and managerial support to AW, 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, 512-972-0323

**Bold Measure = Key Indicator**

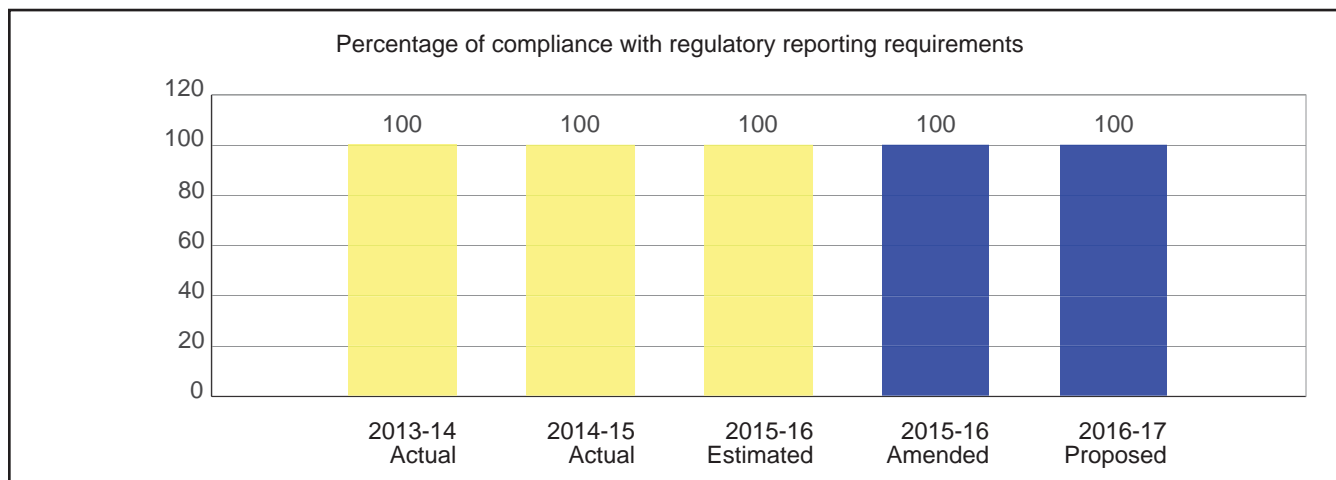
# Austin Water

## Budget Detail by Activity

Program: Treatment

Activity: Process Engineering

The purpose of Process Engineering is to provide support to the water, wastewater and biosolids treatment facilities by optimizing process control, troubleshooting problems, advising on design and construction of projects, and assisting in keeping the plants in regulatory compliance.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Expense Refunds	0	58,360	26,499	99,410	30,609
Wastewater Utility Operating Fund	633,718	501,942	454,198	479,367	504,997
Water Utility Operating Fund	452,313	411,850	441,997	343,412	461,052
<b>Total Requirements</b>	<b>\$1,086,031</b>	<b>\$972,152</b>	<b>\$922,694</b>	<b>\$922,189</b>	<b>\$996,658</b>
<b>Full-Time Equivalents</b>					
Wastewater Utility Operating Fund					
Civilian	3.84	3.50	3.50	3.50	3.50
Water Utility Operating Fund					
Civilian	3.16	3.50	3.50	3.50	3.50
<b>Total FTEs</b>	<b>7.00</b>	<b>7.00</b>	<b>7.00</b>	<b>7.00</b>	<b>7.00</b>
<b>Performance Measures</b>					
Percent digester effluent biosolids reused as compost, land applied or given as Class A biosolid	162	136.6	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**



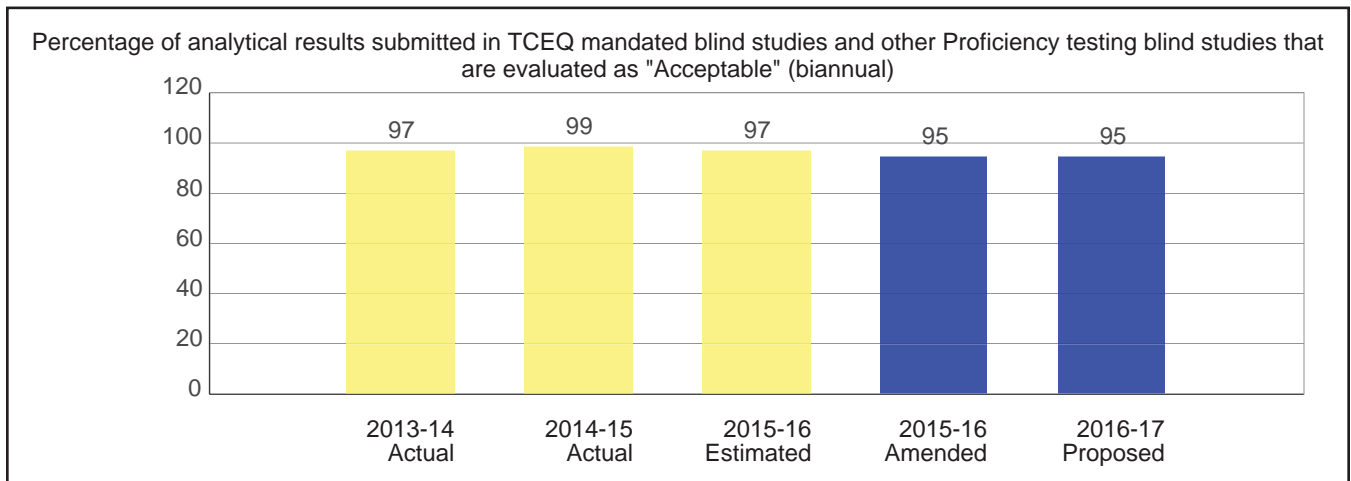
# Austin Water

## 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.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Expense Refunds	325,964	318,870	200,593	312,082	202,761
Wastewater Utility Operating Fund	5,953,097	6,520,668	7,244,778	7,223,718	7,489,935
Water Utility Operating Fund	4,765,480	5,127,617	6,216,590	6,200,424	6,454,332
<b>Total Requirements</b>	<b>\$11,044,541</b>	<b>\$11,967,156</b>	<b>\$13,661,961</b>	<b>\$13,736,224</b>	<b>\$14,147,028</b>
<b>Full-Time Equivalents</b>					
Wastewater Utility Operating Fund					
Civilian	62.26	63.20	63.02	63.02	63.52
Water Utility Operating Fund					
Civilian	43.74	44.80	44.98	44.98	45.48
<b>Total FTEs</b>	<b>106.00</b>	<b>108.00</b>	<b>108.00</b>	<b>108.00</b>	<b>109.00</b>
<b>Performance Measures</b>					
Number of I&C and electrical work orders that are in open, scheduled, waiting scheduling status at start of each month	493	351	387	430	400
Percent (%) Lab Analyses Reported within Customer Requested Turnaround Time (TAT)	98.3	98.7	97	95	95
Percent of equipment calibration and preventive maintenance work orders completed to total scheduled	60	63.05	76.1	80	80
Percentage of analytical results submitted in TCEQ mandated blind studies and other Proficiency testing blind studies that are evaluated as "Acceptable" (biannual)	97	99	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

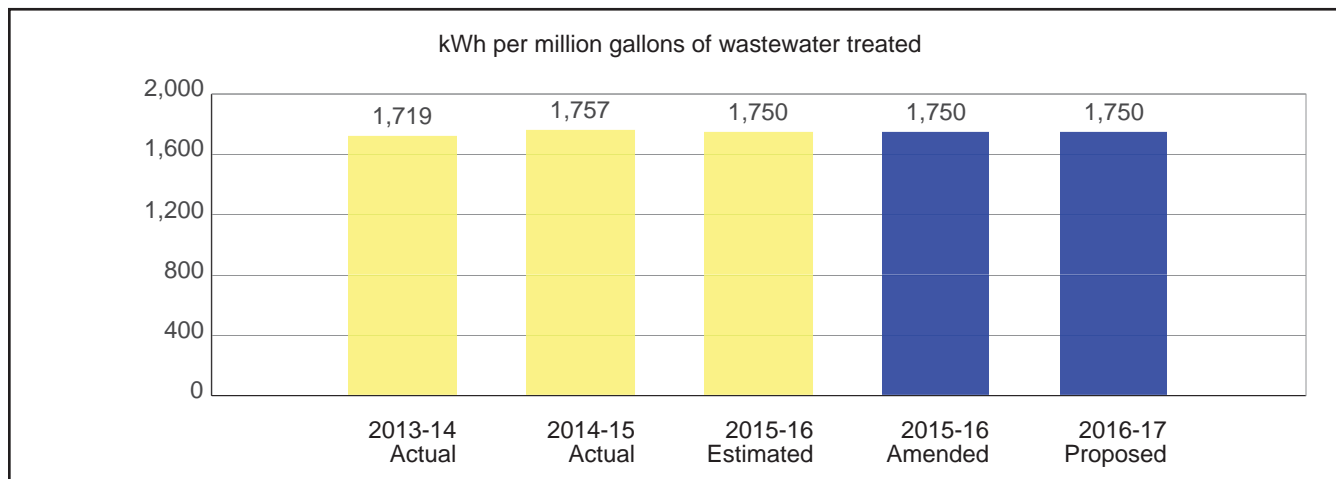
**Bold Measure = Key Indicator**

# 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.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Expense Refunds	405	0	0	0	0
Wastewater Utility Operating Fund	31,569,064	29,308,782	32,387,351	31,897,130	31,658,157
<b>Total Requirements</b>	<b>\$31,569,469</b>	<b>\$29,308,782</b>	<b>\$32,387,351</b>	<b>\$31,897,130</b>	<b>\$31,658,157</b>
<b>Full-Time Equivalents</b>					
Wastewater Utility Operating Fund					
Civilian	149.50	143.50	144.50	144.50	148.00
<b>Total FTEs</b>	<b>149.50</b>	<b>143.50</b>	<b>144.50</b>	<b>144.50</b>	<b>148.00</b>
<b>Performance Measures</b>					
kWh per million gallons of wastewater treated	1,719	1,757.2	1,750	1,750	1,750
Wastewater Quality: Ammonia	0.42	0.39	0.5	0.5	0.5
<b>Wastewater Quality: Carbonaceous Biochemical Oxygen Demand (CBOD)</b>	<b>2.15</b>	<b>2.19</b>	<b>3</b>	<b>3</b>	<b>3</b>

#### Services

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

#### Contact

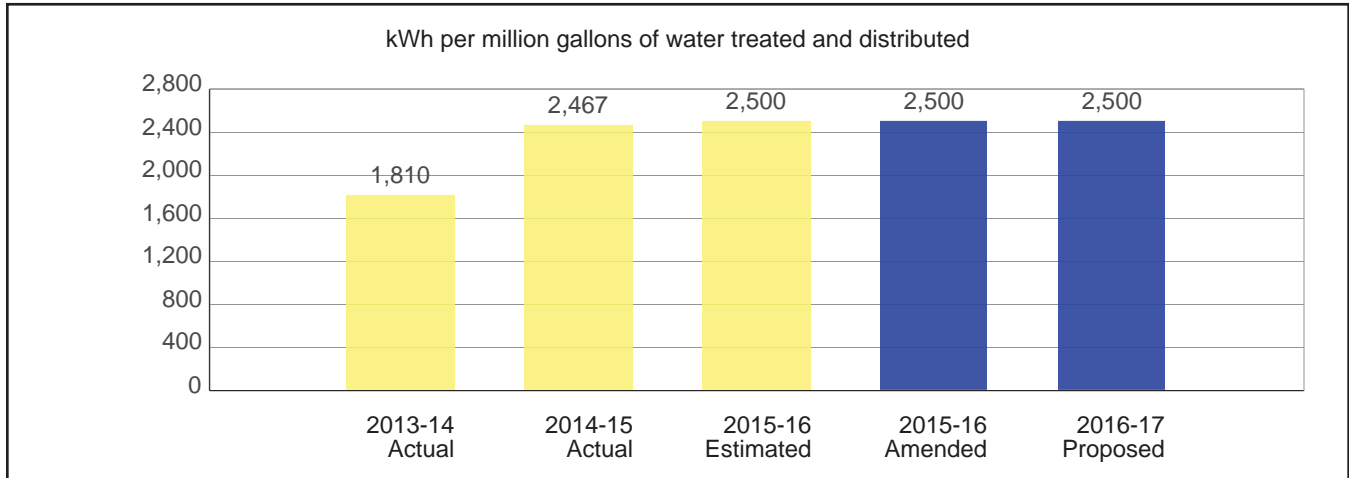
Ayman Benyamin, Manager, AWU Operations 512-972-2040

# 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.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Expense Refunds	40,330	34,201	34,162	32,637	53,085
Water Utility Operating Fund	31,073,023	30,101,365	31,891,380	31,718,040	31,148,045
<b>Total Requirements</b>	<b>\$31,113,352</b>	<b>\$30,135,566</b>	<b>\$31,925,542</b>	<b>\$31,750,677</b>	<b>\$31,201,130</b>
<b>Full-Time Equivalents</b>					
Water Utility Operating Fund Civilian	138.00	136.00	136.00	136.00	138.00
<b>Total FTEs</b>	<b>138.00</b>	<b>136.00</b>	<b>136.00</b>	<b>136.00</b>	<b>138.00</b>
<b>Performance Measures</b>					
kWh per million gallons of water treated and distributed	1,810	2,467	2,500	2,500	2,500
<b>Drinking Water Quality: Turbidity</b>	<b>0.11</b>	<b>0.08</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>

#### Services

Water treatment; Sludge disposal; Process control; Regulatory documentation

#### Contact

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

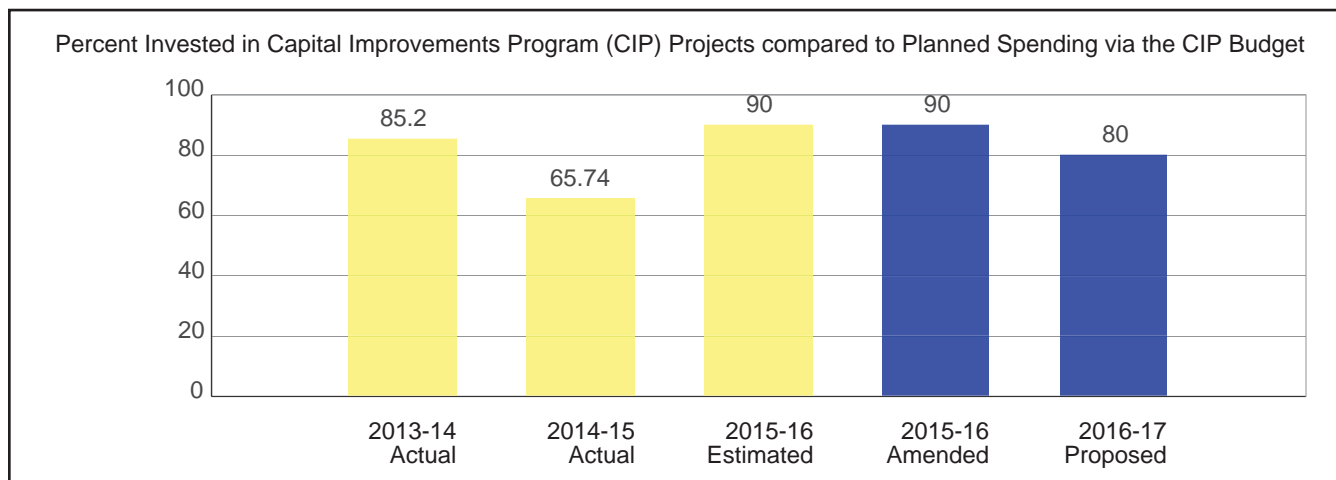
# Austin Water

## 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.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Expense Refunds	0	0	14,739	0	17,024
Wastewater Utility Operating Fund	556,337	474,301	1,102,455	1,159,031	1,039,810
Water Utility Operating Fund	503,384	460,427	1,116,033	1,161,995	1,052,039
<b>Total Requirements</b>	<b>\$1,059,721</b>	<b>\$934,727</b>	<b>\$2,233,227</b>	<b>\$2,321,026</b>	<b>\$2,108,873</b>
<b>Full-Time Equivalents</b>					
Wastewater Utility Operating Fund					
Civilian	4.50	4.00	9.00	9.00	9.00
Water Utility Operating Fund					
Civilian	4.50	4.00	9.00	9.00	9.00
<b>Total FTEs</b>	<b>9.00</b>	<b>8.00</b>	<b>18.00</b>	<b>18.00</b>	<b>18.00</b>
<b>Performance Measures</b>					
Percent of initial review of as-built projects completed within 14 days	New Meas	88.01	85	85	85
Percentage of CIP projects in the AW GIS available for project coordination and spatial analysis	98.81	97.01	95	95	95
<b>Percent Invested in Capital Improvements Program (CIP) Projects compared to Planned Spending via the CIP Budget</b>	<b>85.2</b>	<b>65.74</b>	<b>90</b>	<b>90</b>	<b>80</b>

### 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**

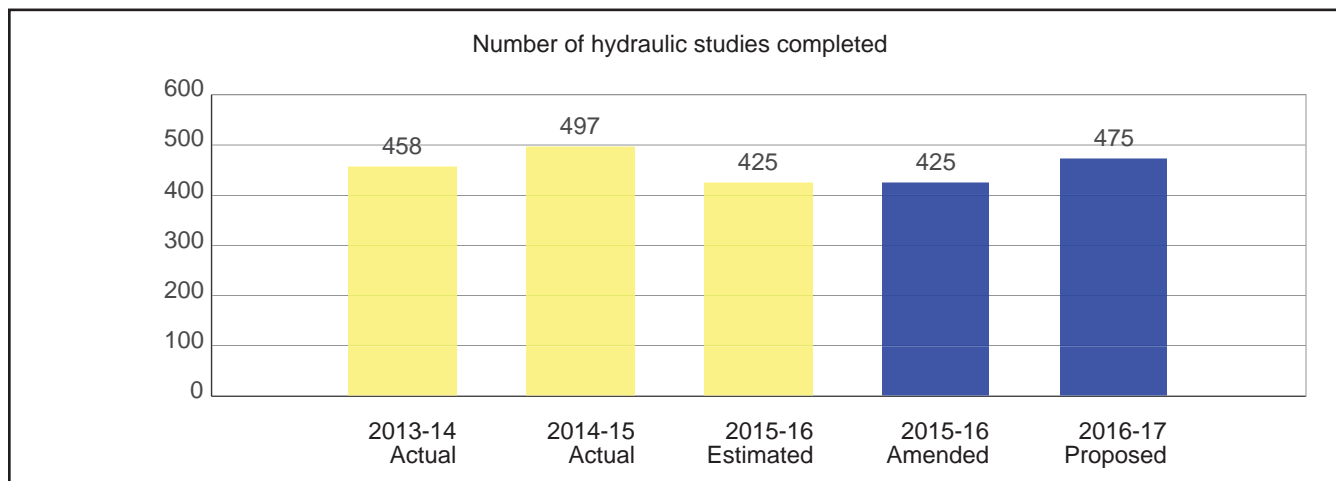
# Austin Water

## 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. Division also conducts water supply planning and analysis and integrated water resource planning functions.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Wastewater Utility Operating Fund	783,919	884,198	868,449	857,678	931,164
Water Utility Operating Fund	1,216,842	1,242,389	1,303,405	1,296,761	1,244,197
<b>Total Requirements</b>	<b>\$2,000,761</b>	<b>\$2,126,587</b>	<b>\$2,171,854</b>	<b>\$2,154,439</b>	<b>\$2,175,361</b>
<b>Full-Time Equivalents</b>					
Wastewater Utility Operating Fund					
Civilian	8.05	8.55	7.65	7.65	7.60
Water Utility Operating Fund					
Civilian	9.95	10.45	9.35	9.35	8.40
<b>Total FTEs</b>	<b>18.00</b>	<b>19.00</b>	<b>17.00</b>	<b>17.00</b>	<b>16.00</b>
<b>Performance Measures</b>					
Number of hydraulic studies completed	458	497	425	425	475
Peak day water usage as a percentage of water treatment system capacity	61	59	62	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, drought response planning, and integrated water resource planning.

### Contact

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

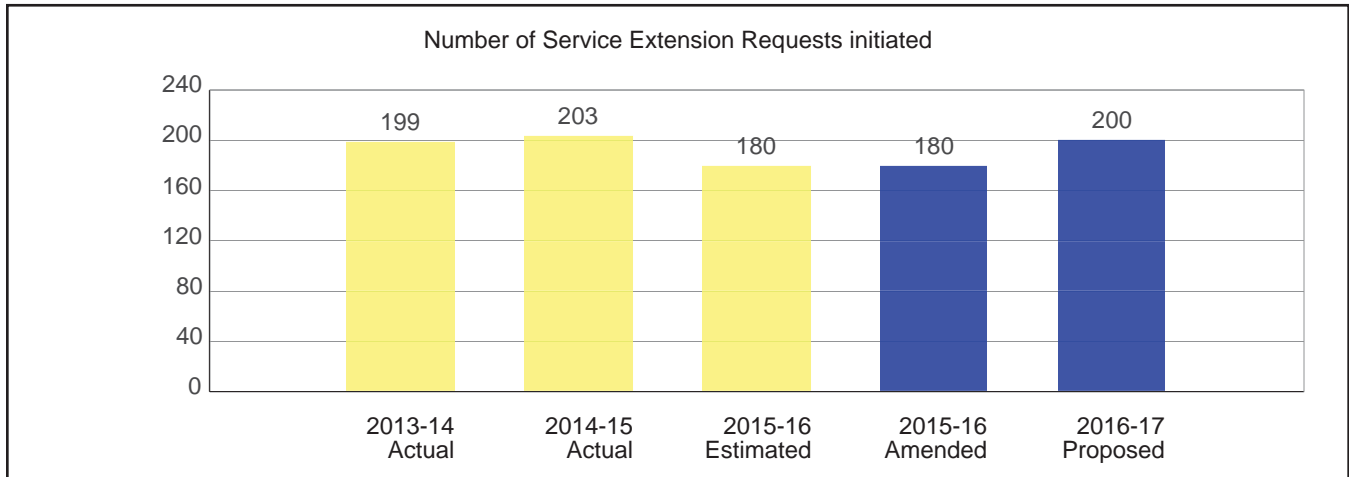
# Austin Water

## 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.



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Expense Refunds	0	0	7,652	0	8,765
Wastewater Utility Operating Fund	1,210,042	1,094,777	1,805,662	1,897,356	2,588,993
Water Utility Operating Fund	448,964	478,530	1,062,610	1,129,538	1,735,408
<b>Total Requirements</b>	<b>\$1,659,005</b>	<b>\$1,573,307</b>	<b>\$2,875,924</b>	<b>\$3,026,894</b>	<b>\$4,333,166</b>
<b>Full-Time Equivalents</b>					
Wastewater Utility Operating Fund Civilian	12.50	11.00	16.75	16.75	17.75
Water Utility Operating Fund Civilian	3.50	4.00	9.25	9.25	10.25
<b>Total FTEs</b>	<b>16.00</b>	<b>15.00</b>	<b>26.00</b>	<b>26.00</b>	<b>28.00</b>
<b>Performance Measures</b>					
Number of design plans reviewed for new or modified on-site sewage facilities	31	42	49	49	50
Number of on-site sewage facility inspections and investigations conducted	284	257	280	280	280
Number of Service Extension Requests initiated	199	203	180	180	200

### 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*

	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
Reclaimed Water Utility Operating Fund	4,820,751	3,937,949	4,567,693	4,845,796	4,469,080
Wastewater Utility Operating Fund	160,561,985	153,034,718	158,174,398	159,555,495	168,309,975
Water Utility Operating Fund	166,050,122	175,773,157	189,462,131	189,309,562	201,644,090
<b>Total Requirements</b>	<b>\$331,432,858</b>	<b>\$332,745,825</b>	<b>\$352,204,222</b>	<b>\$353,710,853</b>	<b>\$374,423,145</b>

### 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: 2016-17

<i>Wastewater Utility Operating Fund</i>	2013-14	2014-15	2015-16	2015-16	2016-17
	Actual	Actual	Estimated	Amended	Proposed
<b>Requirements</b>					
<b>Engineering Services</b>	<b>\$7,172,121</b>	<b>\$6,580,926</b>	<b>\$6,017,179</b>	<b>\$5,850,767</b>	<b>\$6,952,209</b>
Collection System Engineering	4,267,585	3,853,963	4,057,375	4,045,499	5,038,040
Distribution System Engineering	1,218,194	1,449,932	427,048	427,663	430,593
Facility Engineering	1,686,342	1,277,031	1,532,756	1,377,605	1,483,576
<b>Environmental Affairs &amp; Conservation</b>	<b>\$2,810,726</b>	<b>\$2,901,716</b>	<b>\$2,898,568</b>	<b>\$2,882,864</b>	<b>\$2,986,624</b>
Environmental and Regulatory Services	673,252	710,670	675,943	675,613	714,831
Public Affairs	483,438	505,552	567,914	554,015	574,750
Special Services	1,654,036	1,685,493	1,654,711	1,653,236	1,697,043
<b>One Stop Shop</b>	<b>\$293,616</b>	<b>\$340,700</b>	<b>\$409,107</b>	<b>\$410,048</b>	<b>\$472,876</b>
Inspection, Review, and Support	293,616	340,700	409,107	410,048	472,876
<b>Other Utility Program Requirements</b>	<b>\$5,448,233</b>	<b>\$4,281,256</b>	<b>\$5,259,548</b>	<b>\$4,603,300</b>	<b>\$6,896,287</b>
Other Utility Program Requirements	5,448,233	4,281,256	5,259,548	4,603,300	6,896,287
<b>Pipeline Operations</b>	<b>\$16,668,881</b>	<b>\$16,968,327</b>	<b>\$17,616,884</b>	<b>\$17,415,620</b>	<b>\$18,688,829</b>
Pipeline O&M Support	1,371,103	1,504,691	1,670,088	1,653,601	1,773,877
Pipeline Wastewater Operations	15,297,778	15,463,636	15,946,796	15,762,019	16,914,952
<b>Support Services</b>	<b>\$10,730,697</b>	<b>\$10,871,915</b>	<b>\$11,689,821</b>	<b>\$11,298,993</b>	<b>\$12,833,279</b>
Departmental Support Services	10,730,697	10,871,915	11,689,821	11,298,993	12,833,279
<b>Transfers and Other Requirements</b>	<b>\$160,561,985</b>	<b>\$153,034,718</b>	<b>\$158,174,398</b>	<b>\$159,555,495</b>	<b>\$168,309,975</b>
Debt Transfers	100,199,534	98,915,162	93,255,822	93,650,448	93,805,347
Interfund Transfers	56,061,497	49,749,542	59,516,796	60,516,796	66,191,970
Other Requirements	4,300,954	4,370,014	5,401,780	5,388,251	8,312,658
<b>Treatment</b>	<b>\$38,155,878</b>	<b>\$36,331,392</b>	<b>\$40,086,327</b>	<b>\$39,600,215</b>	<b>\$39,653,089</b>
Process Engineering	633,718	501,942	454,198	479,367	504,997
Treatment O&M Support	5,953,097	6,520,668	7,244,778	7,223,718	7,489,935
Wastewater Operations	31,569,064	29,308,782	32,387,351	31,897,130	31,658,157
<b>Water Resources Management</b>	<b>\$2,550,297</b>	<b>\$2,453,276</b>	<b>\$3,776,566</b>	<b>\$3,914,065</b>	<b>\$4,559,967</b>
Infrastructure Management	556,337	474,301	1,102,455	1,159,031	1,039,810
Systems Planning	783,919	884,198	868,449	857,678	931,164
Utility Development Services	1,210,042	1,094,777	1,805,662	1,897,356	2,588,993
<b>Total</b>	<b>\$244,392,435</b>	<b>\$233,764,227</b>	<b>\$245,928,398</b>	<b>\$245,531,367</b>	<b>\$261,353,135</b>

**Full-Time Equivalents (FTEs)**

<b>Engineering Services</b>	<b>44.60</b>	<b>45.10</b>	<b>36.58</b>	<b>36.58</b>	<b>36.57</b>
Collection System Engineering	19.00	19.00	19.00	19.00	19.00
Distribution System Engineering	12.50	12.50	3.50	3.50	3.50
Facility Engineering	13.10	13.60	14.08	14.08	14.07
<b>Environmental Affairs &amp; Conservation</b>	<b>28.02</b>	<b>27.72</b>	<b>26.20</b>	<b>26.20</b>	<b>26.20</b>
Environmental and Regulatory Services	6.00	5.50	5.50	5.50	5.50
Public Affairs	4.17	3.92	4.00	4.00	4.50
Special Services	17.85	18.30	16.70	16.70	16.20
<b>One Stop Shop</b>	<b>2.90</b>	<b>3.35</b>	<b>3.95</b>	<b>3.95</b>	<b>5.45</b>
Inspection, Review, and Support	2.90	3.35	3.95	3.95	5.45
<b>Pipeline Operations</b>	<b>159.59</b>	<b>161.12</b>	<b>159.12</b>	<b>159.12</b>	<b>157.82</b>
Pipeline O&M Support	18.00	19.50	19.50	19.50	20.00
Pipeline Wastewater Operations	141.59	141.62	139.62	139.62	137.82
<b>Support Services</b>	<b>87.06</b>	<b>86.31</b>	<b>85.32</b>	<b>85.32</b>	<b>87.82</b>
Departmental Support Services	87.06	86.31	85.32	85.32	87.82
<b>Treatment</b>	<b>215.60</b>	<b>210.20</b>	<b>211.02</b>	<b>211.02</b>	<b>215.02</b>
Process Engineering	3.84	3.50	3.50	3.50	3.50
Treatment O&M Support	62.26	63.20	63.02	63.02	63.52
Wastewater Operations	149.50	143.50	144.50	144.50	148.00
<b>Water Resources Management</b>	<b>25.05</b>	<b>23.55</b>	<b>33.40</b>	<b>33.40</b>	<b>34.35</b>
Infrastructure Management	4.50	4.00	9.00	9.00	9.00
Systems Planning	8.05	8.55	7.65	7.65	7.60
Utility Development Services	12.50	11.00	16.75	16.75	17.75
<b>Total</b>	<b>562.82</b>	<b>557.35</b>	<b>555.59</b>	<b>555.59</b>	<b>563.23</b>



## Austin Water: 2016-17

<i>Reclaimed Water Utility Operating Fund</i>	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
<b>Other Utility Program Requirements</b>	<b>\$23,305</b>	<b>\$27,251</b>	<b>\$21,508</b>	<b>\$21,567</b>	<b>\$23,768</b>
Other Utility Program Requirements	23,305	27,251	21,508	21,567	23,768
<b>Reclaimed Water Services</b>	<b>\$314,442</b>	<b>\$339,436</b>	<b>\$375,185</b>	<b>\$388,355</b>	<b>\$416,789</b>
Reclaimed Water Services Support	314,442	339,436	375,185	388,355	416,789
<b>Transfers and Other Requirements</b>	<b>\$4,820,751</b>	<b>\$3,937,949</b>	<b>\$4,567,693</b>	<b>\$4,845,796</b>	<b>\$4,469,080</b>
Debt Transfers	3,875,041	2,569,189	2,482,541	2,762,095	2,205,025
Interfund Transfers	944,535	1,369,305	2,079,388	2,079,388	2,263,109
Other Requirements	1,175	(545)	5,764	4,313	946
<b>Total</b>	<b>\$5,158,498</b>	<b>\$4,304,636</b>	<b>\$4,964,386</b>	<b>\$5,255,718</b>	<b>\$4,909,637</b>

**Full-Time Equivalents (FTEs)**

<b>Reclaimed Water Services</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>
Reclaimed Water Services Support	3.00	3.00	3.00	3.00	3.00
<b>Total</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>

## Austin Water: 2016-17

<i>Water Utility Operating Fund</i>	2013-14	2014-15	2015-16	2015-16	2016-17
	Actual	Actual	Estimated	Amended	Proposed
<b>Requirements</b>					
<b>Engineering Services</b>	<b>\$6,273,385</b>	<b>\$5,097,166</b>	<b>\$4,084,972</b>	<b>\$3,508,770</b>	<b>\$4,912,562</b>
Collection System Engineering	683,690	290,238	313,705	179,826	238,610
Distribution System Engineering	3,751,248	3,579,190	2,435,020	2,393,056	3,300,630
Facility Engineering	1,838,447	1,227,739	1,336,247	935,888	1,373,322
<b>Environmental Affairs &amp; Conservation</b>	<b>\$8,910,376</b>	<b>\$7,400,639</b>	<b>\$7,989,518</b>	<b>\$8,971,238</b>	<b>\$9,022,829</b>
Environmental and Regulatory Services	549,776	586,568	557,727	556,289	590,890
Public Affairs	1,831,738	1,370,894	1,408,942	1,393,835	1,416,597
Special Services	1,162,297	1,227,716	1,239,958	1,239,834	1,278,702
Water Conservation	2,846,740	2,859,483	3,343,219	4,333,831	4,209,195
Wildland Conservation	2,519,824	1,355,978	1,439,672	1,447,449	1,527,445
<b>One Stop Shop</b>	<b>\$264,477</b>	<b>\$259,002</b>	<b>\$243,430</b>	<b>\$242,813</b>	<b>\$250,758</b>
Inspection, Review, and Support	264,477	259,002	243,430	242,813	250,758
<b>Other Utility Program Requirements</b>	<b>\$8,828,522</b>	<b>\$5,462,993</b>	<b>\$5,875,017</b>	<b>\$6,584,056</b>	<b>\$8,502,147</b>
Other Utility Program Requirements	8,828,522	5,462,993	5,875,017	6,584,056	8,502,147
<b>Pipeline Operations</b>	<b>\$24,012,343</b>	<b>\$23,155,446</b>	<b>\$23,798,821</b>	<b>\$23,804,505</b>	<b>\$25,877,347</b>
Pipeline O&M Support	1,439,983	1,513,428	1,682,802	1,670,410	1,781,937
Pipeline Water Operations	22,572,360	21,642,018	22,116,019	22,134,095	24,095,410
<b>Support Services</b>	<b>\$11,499,852</b>	<b>\$10,955,674</b>	<b>\$11,813,288</b>	<b>\$11,450,765</b>	<b>\$13,002,785</b>
Departmental Support Services	11,499,852	10,955,674	11,813,288	11,450,765	13,002,785
<b>Transfers and Other Requirements</b>	<b>\$166,050,122</b>	<b>\$175,773,157</b>	<b>\$189,462,131</b>	<b>\$189,309,562</b>	<b>\$201,644,090</b>
Debt Transfers	108,406,606	112,488,809	103,450,567	103,466,252	109,112,808
Interfund Transfers	44,483,301	51,393,222	71,962,676	71,798,441	78,385,055
Other Requirements	13,160,215	11,891,126	14,048,888	14,044,869	14,146,227
<b>Treatment</b>	<b>\$36,290,816</b>	<b>\$35,640,832</b>	<b>\$38,549,967</b>	<b>\$38,261,876</b>	<b>\$38,063,429</b>
Process Engineering	452,313	411,850	441,997	343,412	461,052
Treatment O&M Support	4,765,480	5,127,617	6,216,590	6,200,424	6,454,332
Water Operations	31,073,023	30,101,365	31,891,380	31,718,040	31,148,045
<b>Water Resources Management</b>	<b>\$2,169,190</b>	<b>\$2,181,345</b>	<b>\$3,482,048</b>	<b>\$3,588,294</b>	<b>\$4,031,644</b>
Infrastructure Management	503,384	460,427	1,116,033	1,161,995	1,052,039
Systems Planning	1,216,842	1,242,389	1,303,405	1,296,761	1,244,197
Utility Development Services	448,964	478,530	1,062,610	1,129,538	1,735,408
<b>Total</b>	<b>\$264,299,084</b>	<b>\$265,926,255</b>	<b>\$285,299,192</b>	<b>\$285,721,879</b>	<b>\$305,307,591</b>

**Full-Time Equivalents (FTEs)**

<b>Engineering Services</b>	<b>43.40</b>	<b>43.40</b>	<b>34.42</b>	<b>34.42</b>	<b>36.43</b>
Collection System Engineering	6.00	5.00	5.00	5.00	5.00
Distribution System Engineering	21.50	22.50	13.50	13.50	14.50
Facility Engineering	15.90	15.90	15.92	15.92	16.93
<b>Environmental Affairs &amp; Conservation</b>	<b>63.63</b>	<b>62.48</b>	<b>63.65</b>	<b>63.65</b>	<b>64.15</b>
Environmental and Regulatory Services	5.00	4.50	4.50	4.50	4.50
Public Affairs	4.18	3.93	4.00	4.00	4.50
Special Services	13.45	13.05	13.15	13.15	13.15
Water Conservation	20.00	20.00	20.00	20.00	20.00
Wildland Conservation	21.00	21.00	22.00	22.00	22.00
<b>One Stop Shop</b>	<b>3.10</b>	<b>3.60</b>	<b>2.50</b>	<b>2.50</b>	<b>3.50</b>
Inspection, Review, and Support	3.10	3.60	2.50	2.50	3.50
<b>Pipeline Operations</b>	<b>191.41</b>	<b>187.88</b>	<b>189.88</b>	<b>189.88</b>	<b>195.18</b>
Pipeline O&M Support	18.33	19.50	19.50	19.50	20.00
Pipeline Water Operations	173.08	168.38	170.38	170.38	175.18
<b>Support Services</b>	<b>87.14</b>	<b>86.89</b>	<b>87.38</b>	<b>87.38</b>	<b>89.88</b>
Departmental Support Services	87.14	86.89	87.38	87.38	89.88
<b>Treatment</b>	<b>184.90</b>	<b>184.30</b>	<b>184.48</b>	<b>184.48</b>	<b>186.98</b>
Process Engineering	3.16	3.50	3.50	3.50	3.50
Treatment O&M Support	43.74	44.80	44.98	44.98	45.48
Water Operations	138.00	136.00	136.00	136.00	138.00
<b>Water Resources Management</b>	<b>17.95</b>	<b>18.45</b>	<b>27.60</b>	<b>27.60</b>	<b>27.65</b>
Infrastructure Management	4.50	4.00	9.00	9.00	9.00
Systems Planning	9.95	10.45	9.35	9.35	8.40
Utility Development Services	3.50	4.00	9.25	9.25	10.25

## Austin Water: 2016-17

<i>Water Utility Operating Fund</i>	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Total</b>	<b>591.53</b>	<b>587.00</b>	<b>589.91</b>	<b>589.91</b>	<b>603.77</b>

## Austin Water: 2016-17

<i>Expense Refunds</i>	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
<b>Requirements</b>					
<b>Engineering Services</b>	<b>\$0</b>	<b>\$2,069,448</b>	<b>\$1,922,105</b>	<b>\$2,593,869</b>	<b>\$2,221,373</b>
Collection System Engineering	0	816,037	841,187	956,667	971,653
Distribution System Engineering	0	31,224	37,082	31,838	43,989
Facility Engineering	0	1,222,187	1,043,836	1,605,364	1,205,731
<b>Environmental Affairs &amp; Conservation</b>	<b>\$86</b>	<b>\$1,122,063</b>	<b>\$1,335,288</b>	<b>\$1,347,845</b>	<b>\$1,430,098</b>
Special Services	86	111	0	0	0
Wildland Conservation	0	1,121,952	1,335,288	1,347,845	1,430,098
<b>One Stop Shop</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$129,695</b>
Inspection, Review, and Support	0	0	0	0	129,695
<b>Other Utility Program Requirements</b>	<b>\$108,346</b>	<b>\$36,222</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Other Utility Program Requirements	108,346	36,222	0	0	0
<b>Pipeline Operations</b>	<b>\$22,341</b>	<b>\$1,189,739</b>	<b>\$1,494,814</b>	<b>\$1,193,228</b>	<b>\$1,726,061</b>
Pipeline Wastewater Operations	16,515	197,487	50,305	149,775	58,107
Pipeline Water Operations	5,826	992,252	1,444,509	1,043,453	1,667,954
<b>Reclaimed Water Services</b>	<b>\$0</b>	<b>\$1,278</b>	<b>\$2,004</b>	<b>\$2,004</b>	<b>\$2,004</b>
Reclaimed Water Services Support	0	1,278	2,004	2,004	2,004
<b>Support Services</b>	<b>\$354,215</b>	<b>\$427,806</b>	<b>\$298,511</b>	<b>\$298,511</b>	<b>\$300,000</b>
Departmental Support Services	354,215	427,806	298,511	298,511	300,000
<b>Treatment</b>	<b>\$366,698</b>	<b>\$411,431</b>	<b>\$261,254</b>	<b>\$444,129</b>	<b>\$286,455</b>
Process Engineering	0	58,360	26,499	99,410	30,609
Treatment O&M Support	325,964	318,870	200,593	312,082	202,761
Wastewater Operations	405	0	0	0	0
Water Operations	40,330	34,201	34,162	32,637	53,085
<b>Water Resources Management</b>	<b>\$0</b>	<b>\$0</b>	<b>\$22,391</b>	<b>\$0</b>	<b>\$25,789</b>
Infrastructure Management	0	0	14,739	0	17,024
Utility Development Services	0	0	7,652	0	8,765
<b>Total</b>	<b>\$851,687</b>	<b>\$5,257,987</b>	<b>\$5,336,367</b>	<b>\$5,879,586</b>	<b>\$6,121,475</b>

## Austin Water Utility Fund - Combined

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 ESTIMATED	2015-16 AMENDED	2016-17 PROPOSED
<b>BEGINNING BALANCE</b>	<b>58,187,038</b>	<b>52,261,960</b>	<b>81,483,019</b>	<b>77,405,715</b>	<b>134,661,011</b>
<b>REVENUE</b>					
Water/Wastewater Revenue	472,467,659	505,421,788	559,404,125	541,721,817	572,704,228
Other Revenue	7,269,839	12,360,671	5,594,672	5,746,424	5,471,824
Interest	116,059	234,735	850,667	181,874	656,731
Public Health Licenses, Permits, Inspections	566,397	679,764	546,058	600,500	556,300
Other Fines	335,555	790,675	561,025	0	371,200
Miscellaneous Franchise Fees	167,506	189,803	145,144	232,000	147,300
Building Rental/Lease	251,963	135,770	127,670	144,800	127,700
Land & Infrastructure Rental/Lease	71,500	60,500	68,462	75,800	68,500
Scrap Sales	52,310	35,486	39,116	48,800	39,900
Development Fees	0	2,090	2,016	0	0
Property Sales	38,642	37,951	0	55,200	0
<b>Total Revenue</b>	<b>481,337,430</b>	<b>519,949,234</b>	<b>567,338,955</b>	<b>548,807,215</b>	<b>580,143,683</b>
<b>TRANSFERS IN</b>					
CIP	9,600,000	9,300,000	18,200,000	18,200,000	20,164,000
Austin Water Utility	3,760,000	2,060,000	3,400,000	3,400,000	3,400,000
Support Services/Infrastructure Funds	300,582	300,582	300,582	300,582	300,582
Austin Resource Recovery Fund	0	0	130,431	130,431	130,431
General Fund	11,199,856	0	0	0	0
<b>Total Transfers In</b>	<b>24,860,438</b>	<b>11,660,582</b>	<b>22,031,013</b>	<b>22,031,013</b>	<b>23,995,013</b>
<b>TOTAL AVAILABLE FUNDS</b>	<b>506,197,868</b>	<b>531,609,816</b>	<b>589,369,968</b>	<b>570,838,228</b>	<b>604,138,696</b>
<b>PROGRAM REQUIREMENTS</b>					
Treatment	74,446,695	71,972,224	78,636,294	77,862,091	77,716,518
Pipeline Operations	40,681,224	40,123,773	41,415,705	41,220,125	44,566,176
Support Services	22,230,549	21,827,588	23,503,109	22,749,758	25,836,064
Other Utility Program Requirements	14,300,061	9,771,500	11,156,073	11,208,923	15,422,202
Environmental Affairs & Conservation	11,721,102	10,302,354	10,888,086	11,854,102	12,009,453
Engineering Services	13,445,506	11,678,093	10,102,151	9,359,537	11,864,771
Water Resources Management	4,719,487	4,634,621	7,258,614	7,502,359	8,591,611
One Stop Shop	558,093	599,703	652,537	652,861	723,634
Reclaimed Water Services	314,442	339,436	375,185	388,355	416,789
<b>Total Program Requirements</b>	<b>182,417,158</b>	<b>171,249,292</b>	<b>183,987,754</b>	<b>182,798,111</b>	<b>197,147,218</b>
<b>OTHER REQUIREMENTS</b>					
Utility Billing System Support	17,209,766	15,709,766	18,317,220	18,317,220	20,401,455
Market Study Adjustment	0	0	133,117	133,117	1,495,639
Accrued Payroll	177,578	475,829	764,853	745,854	318,547
Interdepartmental Charges	0	0	166,242	166,242	169,190
Trf to PID Fund	0	0	0	0	75,000
Services-PID contract expense	75,000	75,000	75,000	75,000	0
<b>Total Other Requirements</b>	<b>17,462,344</b>	<b>16,260,595</b>	<b>19,456,432</b>	<b>19,437,433</b>	<b>22,459,831</b>
<b>DEBT SERVICE REQUIREMENTS</b>					
Trf to Util D/S Separate Lien	196,655,400	186,882,443	180,244,309	180,655,096	152,966,772
Trf to Utility D/S Prior Lien	2,073,137	2,701,381	2,700,906	2,700,906	38,802,555
Trf to Utility D/S Sub Lien	8,110,646	19,649,422	11,345,846	11,345,846	8,807,516
Trf to GO Debt Service	4,799,398	3,973,920	4,001,520	4,010,080	3,620,142
Trf to Util D/S Tax/Rev Bonds	717,086	714,463	727,005	727,005	645,526
Commercial paper interest	125,513	51,533	169,344	439,862	280,669
<b>Total Debt Service Requirements</b>	<b>212,481,181</b>	<b>213,973,161</b>	<b>199,188,930</b>	<b>199,878,795</b>	<b>205,123,180</b>
<b>TRANSFERS OUT</b>					
Trf to General Fund	37,909,193	38,755,435	40,793,280	40,793,280	42,876,568
Trf to Wastewater CIP Fund	25,459,000	20,900,000	22,250,000	23,250,000	29,200,000
Trf to Water CIP Fund	2,482,000	11,920,000	17,300,000	17,300,000	22,000,000
TRF CFR to Debt Defeasance	0	0	18,200,000	18,200,000	15,000,000
Administrative Support	0	0	12,384,793	12,384,793	12,626,781
Trf to Water Revenue Stab Rsv	5,835,880	7,304,753	9,368,656	9,204,421	9,295,119

Note: Numbers may not add due to rounding.

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 ESTIMATED	2015-16 AMENDED	2016-17 PROPOSED
CTM Support	3,546,544	3,455,342	3,871,271	3,871,271	4,270,758
Trf to Reclaimed Water Fund	3,760,000	2,060,000	3,400,000	3,400,000	3,400,000
Trf to Economic Development	614,875	1,148,827	2,011,254	2,011,254	2,879,895
Trf to Reclaimed Water CIP Fnd	900,000	1,300,000	2,000,000	2,000,000	2,000,000
Trf to CIP Mgm - CPM (5460)	0	0	0	0	1,813,549
Workers' Compensation	1,443,027	1,618,251	1,286,209	1,286,209	1,213,237
Regional Radio System	0	0	283,472	283,472	253,605
CTECC Support	0	0	9,925	9,925	10,622
Liability Reserve	400,000	400,000	400,000	400,000	0
Trf to CTECC Fund	8,826	10,860	0	0	0
Trf to Econ Incentive Rsv Fund	333,333	0	0	0	0
Trf to PARD CIP Fund	100,000	0	0	0	0
Trf to Support Services Fund	13,126,585	13,325,654	0	0	0
Trf to Wireless Communication	279,120	229,697	0	0	0
Trf to Environmental Rmdn Fund	447,524	83,250	0	0	0
Trf to Sustainability Fund	4,843,426	0	0	0	0
<b>Total Transfers Out</b>	<b>101,489,333</b>	<b>102,512,069</b>	<b>133,558,860</b>	<b>134,394,625</b>	<b>146,840,134</b>
<b>TOTAL REQUIREMENTS</b>	<b>513,850,016</b>	<b>503,995,118</b>	<b>536,191,976</b>	<b>536,508,964</b>	<b>571,570,363</b>
<b>EXCESS (DEFICIENCY) OF TOTAL AVAILABLE FUNDS OVER TOTAL REQUIREMENTS</b>	(7,652,148)	27,614,698	53,177,992	34,329,264	32,568,333
<b>ADJUSTMENT TO GAAP</b>	1,727,070	1,606,361	0	0	0
<b>ENDING BALANCE</b>	<b>52,261,960</b>	<b>81,483,019</b>	<b>134,661,011</b>	<b>111,734,979</b>	<b>167,229,344</b>

Note: Numbers may not add due to rounding.

# Water Utility Operating Fund

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 ESTIMATED	2015-16 AMENDED	2016-17 PROPOSED
<b>BEGINNING BALANCE</b>	<b>15,880,830</b>	<b>13,249,715</b>	<b>30,432,529</b>	<b>29,748,765</b>	<b>62,508,631</b>
<b>REVENUE</b>					
Water/Wastewater Revenue	239,663,319	268,112,126	302,569,949	284,836,427	298,677,009
Other Revenue	3,367,085	6,801,171	2,509,647	2,791,136	2,344,036
Other Fines	335,555	790,675	561,025	0	371,200
Interest	25,622	57,751	384,561	76,400	305,258
Miscellaneous Franchise Fees	167,506	131,048	105,168	160,600	107,300
Land & Infrastructure Rental/Lease	71,500	60,500	68,462	75,800	68,500
Building Rental/Lease	136,081	75,435	63,368	84,400	63,400
Public Health Licenses, Permits, Inspections	23,498	37,895	26,750	0	26,800
Scrap Sales	26,155	21,240	23,073	27,300	23,500
Property Sales	19,511	6,580	0	26,900	0
<b>Total Revenue</b>	<b>243,835,832</b>	<b>276,094,422</b>	<b>306,312,003</b>	<b>288,078,963</b>	<b>301,987,003</b>
<b>TRANSFERS IN</b>					
CIP	6,000,000	6,300,000	10,913,000	10,913,000	14,914,000
Support Services/Infrastructure Funds	150,291	150,291	150,291	150,291	150,291
General Fund	11,199,856	0	0	0	0
<b>Total Transfers In</b>	<b>17,350,147</b>	<b>6,450,291</b>	<b>11,063,291</b>	<b>11,063,291</b>	<b>15,064,291</b>
<b>TOTAL AVAILABLE FUNDS</b>	<b>261,185,979</b>	<b>282,544,713</b>	<b>317,375,294</b>	<b>299,142,254</b>	<b>317,051,294</b>
<b>PROGRAM REQUIREMENTS</b>					
Treatment	36,290,816	35,640,832	38,549,967	38,261,876	38,063,429
Pipeline Operations	24,012,343	23,155,446	23,798,821	23,804,505	25,877,347
Support Services	11,499,852	10,955,674	11,813,288	11,450,765	13,002,785
Environmental Affairs & Conservation	8,910,376	7,400,639	7,989,518	8,971,238	9,022,829
Other Utility Program Requirements	8,828,522	5,462,993	5,875,017	6,584,056	8,502,147
Engineering Services	6,273,385	5,097,166	4,084,972	3,508,770	4,912,562
Water Resources Management	2,169,190	2,181,345	3,482,048	3,588,294	4,031,644
One Stop Shop	264,477	259,002	243,430	242,813	250,758
<b>Total Program Requirements</b>	<b>98,248,962</b>	<b>90,153,097</b>	<b>95,837,061</b>	<b>96,412,317</b>	<b>103,663,501</b>
<b>OTHER REQUIREMENTS</b>					
Utility Billing System Support	13,024,145	11,620,374	13,466,330	13,466,330	12,854,313
Market Study Adjustment	0	0	80,249	80,249	987,309
Accrued Payroll	98,570	233,252	381,688	377,669	182,510
Interdepartmental Charges	0	0	83,121	83,121	84,595
Trf to PID Fund	0	0	0	0	37,500
Services-PID contract expense	37,500	37,500	37,500	37,500	0
<b>Total Other Requirements</b>	<b>13,160,215</b>	<b>11,891,126</b>	<b>14,048,888</b>	<b>14,044,869</b>	<b>14,146,227</b>
<b>DEBT SERVICE REQUIREMENTS</b>					
Trf to Util D/S Separate Lien	100,672,447	98,162,041	94,362,446	94,142,706	84,097,430
Trf to Utility D/S Prior Lien	475,033	609,097	608,244	608,244	18,082,574
Trf to Utility D/S Sub Lien	4,571,360	11,492,415	6,154,137	6,154,137	4,912,497
Trf to GO Debt Service	2,305,160	1,915,140	1,919,224	1,923,523	1,643,406
Trf to Util D/S Tax/Rev Bonds	265,351	264,380	269,021	269,021	238,871
Commercial paper interest	117,255	45,737	137,495	368,621	138,030
<b>Total Debt Service Requirements</b>	<b>108,406,606</b>	<b>112,488,809</b>	<b>103,450,567</b>	<b>103,466,252</b>	<b>109,112,808</b>
<b>TRANSFERS OUT</b>					
Trf to General Fund	20,006,684	19,869,923	21,157,159	21,157,159	22,587,681
Trf to Water CIP Fund	2,482,000	11,920,000	17,300,000	17,300,000	22,000,000
TRF CFR to Debt Defeasance	0	0	10,913,000	10,913,000	9,750,000
Trf to Water Revenue Stab Rsv	5,835,880	7,304,753	9,368,656	9,204,421	9,295,119
Administrative Support	0	0	7,369,386	7,369,386	7,346,491
CTM Support	1,773,272	1,727,671	1,935,635	1,935,635	2,142,828
Trf to Reclaimed Water Fund	1,880,000	630,000	1,700,000	1,700,000	1,700,000
Trf to Economic Development	324,362	621,064	1,087,301	1,087,301	1,523,464
Trf to CIP Mgm - CPM (5460)	0	0	0	0	1,173,937
Workers' Compensation	721,514	809,126	643,105	643,105	606,619

Note: Numbers may not add due to rounding.

## Water Utility Operating Fund

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 ESTIMATED	2015-16 AMENDED	2016-17 PROPOSED
Regional Radio System	0	0	283,472	283,472	253,605
CTECC Support	0	0	4,962	4,962	5,311
Liability Reserve	200,000	200,000	200,000	200,000	0
Trf to CTECC Fund	4,413	5,430	0	0	0
Trf to Econ Incentive Rsv Fund	166,667	0	0	0	0
Trf to PARD CIP Fund	100,000	0	0	0	0
Trf to Support Services Fund	8,063,474	8,148,781	0	0	0
Trf to Wireless Communication	139,560	114,849	0	0	0
Trf to Environmental Rmdn Fund	223,762	41,625	0	0	0
Trf to Sustainability Fund	2,561,713	0	0	0	0
<b>Total Transfers Out</b>	<b>44,483,301</b>	<b>51,393,222</b>	<b>71,962,676</b>	<b>71,798,441</b>	<b>78,385,055</b>
<b>TOTAL REQUIREMENTS</b>	<b>264,299,084</b>	<b>265,926,255</b>	<b>285,299,192</b>	<b>285,721,879</b>	<b>305,307,591</b>
<b>EXCESS (DEFICIENCY) OF TOTAL AVAILABLE FUNDS OVER TOTAL REQUIREMENTS</b>	(3,113,105)	16,618,458	32,076,102	13,420,375	11,743,703
<b>ADJUSTMENT TO GAAP</b>	481,990	564,356	0	0	0
<b>ENDING BALANCE</b>	<b>13,249,715</b>	<b>30,432,529</b>	<b>62,508,631</b>	<b>43,169,140</b>	<b>74,252,334</b>

Note: Numbers may not add due to rounding.



## Wastewater Utility Operating Fund

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 ESTIMATED	2015-16 AMENDED	2016-17 PROPOSED
<b>BEGINNING BALANCE</b>	<b>39,923,859</b>	<b>37,180,906</b>	<b>50,516,192</b>	<b>47,094,966</b>	<b>71,459,834</b>
<b>REVENUE</b>					
Water/Wastewater Revenue	231,984,375	236,365,807	255,118,591	255,115,283	271,521,805
Other Revenue	3,875,426	5,559,500	3,085,025	2,955,288	3,127,788
Public Health Licenses, Permits, Inspections	542,900	641,869	519,308	600,500	529,500
Interest	90,251	175,750	459,057	104,100	346,402
Building Rental/Lease	115,881	60,335	64,302	60,400	64,300
Miscellaneous Franchise Fees	0	58,755	39,976	71,400	40,000
Scrap Sales	26,155	14,246	16,043	21,500	16,400
Development Fees	0	2,090	2,016	0	0
Property Sales	19,132	31,370	0	28,300	0
<b>Total Revenue</b>	<b>236,654,120</b>	<b>242,909,723</b>	<b>259,304,318</b>	<b>258,956,771</b>	<b>275,646,195</b>
<b>TRANSFERS IN</b>					
CIP	3,600,000	3,000,000	7,287,000	7,287,000	5,250,000
Support Services/Infrastructure Funds	150,291	150,291	150,291	150,291	150,291
Austin Resource Recovery Fund	0	0	130,431	130,431	130,431
<b>Total Transfers In</b>	<b>3,750,291</b>	<b>3,150,291</b>	<b>7,567,722</b>	<b>7,567,722</b>	<b>5,530,722</b>
<b>TOTAL AVAILABLE FUNDS</b>	<b>240,404,411</b>	<b>246,060,014</b>	<b>266,872,040</b>	<b>266,524,493</b>	<b>281,176,917</b>
<b>PROGRAM REQUIREMENTS</b>					
Treatment	38,155,878	36,331,392	40,086,327	39,600,215	39,653,089
Pipeline Operations	16,668,881	16,968,327	17,616,884	17,415,620	18,688,829
Support Services	10,730,697	10,871,915	11,689,821	11,298,993	12,833,279
Engineering Services	7,172,121	6,580,926	6,017,179	5,850,767	6,952,209
Other Utility Program Requirements	5,448,233	4,281,256	5,259,548	4,603,300	6,896,287
Water Resources Management	2,550,297	2,453,276	3,776,566	3,914,065	4,559,967
Environmental Affairs & Conservation	2,810,726	2,901,716	2,898,568	2,882,864	2,986,624
One Stop Shop	293,616	340,700	409,107	410,048	472,876
<b>Total Program Requirements</b>	<b>83,830,450</b>	<b>80,729,509</b>	<b>87,754,000</b>	<b>85,975,872</b>	<b>93,043,160</b>
<b>OTHER REQUIREMENTS</b>					
Utility Billing System Support	4,185,621	4,089,392	4,850,890	4,850,890	7,547,142
Market Study Adjustment	0	0	51,284	51,284	508,330
Accrued Payroll	77,833	243,122	378,985	365,456	135,091
Interdepartmental Charges	0	0	83,121	83,121	84,595
Trf to PID Fund	0	0	0	0	37,500
Services-PID contract expense	37,500	37,500	37,500	37,500	0
<b>Total Other Requirements</b>	<b>4,300,954</b>	<b>4,370,014</b>	<b>5,401,780</b>	<b>5,388,251</b>	<b>8,312,658</b>
<b>DEBT SERVICE REQUIREMENTS</b>					
Trf to Util D/S Separate Lien	92,108,760	86,152,064	83,404,876	83,754,519	66,691,606
Trf to Utility D/S Prior Lien	1,598,105	2,092,285	2,092,662	2,092,662	20,719,981
Trf to Utility D/S Sub Lien	3,539,286	8,157,007	5,191,709	5,191,709	3,895,019
Trf to GO Debt Service	2,494,238	2,058,780	2,082,296	2,086,557	1,976,736
Trf to Util D/S Tax/Rev Bonds	451,735	450,083	457,984	457,984	406,655
Commercial paper interest	7,409	4,944	26,295	67,017	115,350
<b>Total Debt Service Requirements</b>	<b>100,199,534</b>	<b>98,915,162</b>	<b>93,255,822</b>	<b>93,650,448</b>	<b>93,805,347</b>
<b>TRANSFERS OUT</b>					
Trf to Wastewater CIP Fund	25,459,000	20,900,000	22,250,000	23,250,000	29,200,000
Trf to General Fund	17,867,731	18,818,610	19,560,937	19,560,937	20,192,004
TRF CFR to Debt Defeasance	0	0	7,287,000	7,287,000	5,250,000
Administrative Support	0	0	5,015,407	5,015,407	5,165,501
CTM Support	1,773,272	1,727,671	1,935,636	1,935,636	2,125,089
Trf to Reclaimed Water Fund	1,880,000	1,430,000	1,700,000	1,700,000	1,700,000
Trf to Economic Development	289,497	525,360	919,749	919,749	1,344,911
Workers' Compensation	721,513	809,125	643,104	643,104	606,618
Trf to CIP Mgm - CPM (5460)	0	0	0	0	602,536
CTECC Support	0	0	4,963	4,963	5,311

Note: Numbers may not add due to rounding.

## Wastewater Utility Operating Fund

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 ESTIMATED	2015-16 AMENDED	2016-17 PROPOSED
Liability Reserve	200,000	200,000	200,000	200,000	0
Trf to CTECC Fund	4,413	5,430	0	0	0
Trf to Econ Incentive Rsv Fund	166,666	0	0	0	0
Trf to Support Services Fund	5,063,111	5,176,873	0	0	0
Trf to Environmental Rmdn Fund	223,762	41,625	0	0	0
Trf to Sustainability Fund	2,272,972	0	0	0	0
Trf to Wireless Communication	139,560	114,848	0	0	0
<b>Total Transfers Out</b>	<b>56,061,497</b>	<b>49,749,542</b>	<b>59,516,796</b>	<b>60,516,796</b>	<b>66,191,970</b>
<b>TOTAL REQUIREMENTS</b>	<b>244,392,435</b>	<b>233,764,227</b>	<b>245,928,398</b>	<b>245,531,367</b>	<b>261,353,135</b>
<b>EXCESS (DEFICIENCY) OF TOTAL AVAILABLE FUNDS OVER TOTAL REQUIREMENTS</b>	(3,988,024)	12,295,787	20,943,642	20,993,126	19,823,782
<b>ADJUSTMENT TO GAAP</b>	1,245,071	1,039,499	0	0	0
<b>ENDING BALANCE</b>	<b>37,180,906</b>	<b>50,516,192</b>	<b>71,459,834</b>	<b>68,088,092</b>	<b>91,283,616</b>

Note: Numbers may not add due to rounding.

# Reclaimed Water Utility Operating Fund

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 ESTIMATED	2015-16 AMENDED	2016-17 PROPOSED
<b>BEGINNING BALANCE</b>	<b>2,382,349</b>	<b>1,831,339</b>	<b>534,298</b>	<b>561,984</b>	<b>692,546</b>
<b>REVENUE</b>					
Water/Wastewater Revenue	819,965	943,855	1,715,585	1,770,107	2,505,414
Interest	186	1,234	7,049	1,374	5,071
Other Revenue	27,328	0	0	0	0
<b>Total Revenue</b>	<b>847,478</b>	<b>945,089</b>	<b>1,722,634</b>	<b>1,771,481</b>	<b>2,510,485</b>
<b>TRANSFERS IN</b>					
Austin Water Utility	3,760,000	2,060,000	3,400,000	3,400,000	3,400,000
<b>Total Transfers In</b>	<b>3,760,000</b>	<b>2,060,000</b>	<b>3,400,000</b>	<b>3,400,000</b>	<b>3,400,000</b>
<b>TOTAL AVAILABLE FUNDS</b>	<b>4,607,478</b>	<b>3,005,089</b>	<b>5,122,634</b>	<b>5,171,481</b>	<b>5,910,485</b>
<b>PROGRAM REQUIREMENTS</b>					
Reclaimed Water Services	314,442	339,436	375,185	388,355	416,789
Other Utility Program Requirements	23,305	27,251	21,508	21,567	23,768
<b>Total Program Requirements</b>	<b>337,747</b>	<b>366,686</b>	<b>396,693</b>	<b>409,922</b>	<b>440,557</b>
<b>OTHER REQUIREMENTS</b>					
Accrued Payroll	1,175	(545)	4,180	2,729	946
Market Study Adjustment	0	0	1,584	1,584	0
<b>Total Other Requirements</b>	<b>1,175</b>	<b>(545)</b>	<b>5,764</b>	<b>4,313</b>	<b>946</b>
<b>DEBT SERVICE REQUIREMENTS</b>					
Trf to Util D/S Separate Lien	3,874,193	2,568,338	2,476,987	2,757,871	2,177,736
Commercial paper interest	848	852	5,554	4,224	27,289
<b>Total Debt Service Requirements</b>	<b>3,875,041</b>	<b>2,569,189</b>	<b>2,482,541</b>	<b>2,762,095</b>	<b>2,205,025</b>
<b>TRANSFERS OUT</b>					
Trf to Reclaimed Water CIP Fnd	900,000	1,300,000	2,000,000	2,000,000	2,000,000
Administrative Support	0	0	0	0	114,789
Trf to General Fund	34,778	66,902	75,184	75,184	96,883
Trf to CIP Mgm - CPM (5460)	0	0	0	0	37,076
Trf to Economic Development	1,016	2,403	4,204	4,204	11,520
CTM Support	0	0	0	0	2,841
Trf to Sustainability Fund	8,741	0	0	0	0
<b>Total Transfers Out</b>	<b>944,535</b>	<b>1,369,305</b>	<b>2,079,388</b>	<b>2,079,388</b>	<b>2,263,109</b>
<b>TOTAL REQUIREMENTS</b>	<b>5,158,498</b>	<b>4,304,636</b>	<b>4,964,386</b>	<b>5,255,718</b>	<b>4,909,637</b>
<b>EXCESS (DEFICIENCY) OF TOTAL AVAILABLE FUNDS OVER TOTAL REQUIREMENTS</b>	<b>(551,019)</b>	<b>(1,299,547)</b>	<b>158,248</b>	<b>(84,237)</b>	<b>1,000,848</b>
<b>ADJUSTMENT TO GAAP</b>	<b>9</b>	<b>2,506</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>ENDING BALANCE</b>	<b>1,831,339</b>	<b>534,298</b>	<b>692,546</b>	<b>477,747</b>	<b>1,693,394</b>

Note: Numbers may not add due to rounding.

# Austin Water Revenue Stability Reserve Fund

## Purpose and Nature of Fund

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The Austin Water Revenue Stability Reserve Fund (Water Reserve Fund) was created for the purpose of offsetting current year water service revenue shortfalls below budgeted revenue levels.

The target funding level for the Water Reserve Fund is 120 days of the budgeted water operating requirements of Austin Water, which includes operations and maintenance and other operating transfers. In the event that any portion of the Water Reserve Fund is used, the balance will be replenished to the target levels within 5 years.

The goal is to reach the target funding level of 120 days of budgeted water operating requirements within 5 years. If the fund is drawn down prior to reaching the 120 day target during the first 5-year development period, the Water Reserve Fund surcharge shall not be lower than it was during the year in which the draw down occurred until such time as the fund reaches its 120 days of operating costs. If the fund is drawn down after reaching the 120 day target, the fund will be replenished within a 5-year period.

The Water Reserve Fund shall only be used to offset a current year water service revenue shortfall where actual water service revenue is less than the budgeted level by 10% or greater. The maximum use of the Water Reserve Fund in any fiscal year is 50% of the existing balance at the time of request for Council action.

When the target levels of the Water Reserve Fund are reached, any Water Reserve Fund surcharge shall be reduced to levels sufficient to only maintain the goal of 120 days of operating requirements as may be necessitated by changes in budgeted operating costs over time.

All interest earned by the Water Reserve Fund account shall remain in the Water Reserve Fund in order to offset funding and replenishment requirements and to minimize rate impacts for water customers.

## Factors Affecting Revenue

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Sources of funding for the Water Reserve Fund includes a Water Reserve Fund volumetric surcharge charged to all customer classes, operating reserves in excess of 60 days of operating requirements and any available net water service revenue after meeting all obligations of Austin Water. The FY 2016-17 Budget includes projected revenue from the Water Reserve Fund volumetric surcharge.

## Factors Affecting Requirements

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Requirements are costs related to offsetting a current year water service revenue shortfall where actual water service revenue is less than the budgeted level by 10% or greater. The maximum use of the Water Reserve Fund in any fiscal year is 50% of the existing balance at the time of request for Council action.

The FY 2016-17 Budget does not include a transfer out from the Austin Water Revenue Stability Reserve Fund.

	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
Revenue	\$5,844,234	\$7,331,573	\$9,461,401	\$9,229,421	\$9,339,127
Requirements	\$0	\$0	\$0	\$0	\$0

## Austin Water Revenue Stability Reserve Fund

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 ESTIMATED	2015-16 AMENDED	2016-17 PROPOSED
<b>BEGINNING BALANCE</b>	5,516,644	11,360,878	18,692,451	18,279,673	28,153,852
<b>REVENUE</b>					
Use of Money & Property Interest	8,354	26,820	92,745	25,000	44,008
<b>Total Revenue</b>	<b>8,354</b>	<b>26,820</b>	<b>92,745</b>	<b>25,000</b>	<b>44,008</b>
<b>TRANSFERS IN</b>					
Austin Water Utility	5,835,880	7,304,753	9,368,656	9,204,421	9,295,119
<b>Total Transfers In</b>	<b>5,835,880</b>	<b>7,304,753</b>	<b>9,368,656</b>	<b>9,204,421</b>	<b>9,295,119</b>
<b>TOTAL AVAILABLE FUNDS</b>	<b>5,844,234</b>	<b>7,331,573</b>	<b>9,461,401</b>	<b>9,229,421</b>	<b>9,339,127</b>
<b>TOTAL REQUIREMENTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>EXCESS (DEFICIENCY) OF TOTAL AVAILABLE FUNDS OVER TOTAL REQUIREMENTS</b>	<b>5,844,234</b>	<b>7,331,573</b>	<b>9,461,401</b>	<b>9,229,421</b>	<b>9,339,127</b>
<b>ADJUSTMENT TO GAAP</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>ENDING BALANCE</b>	<b>11,360,878</b>	<b>18,692,451</b>	<b>28,153,852</b>	<b>27,509,094</b>	<b>37,492,979</b>

Note: Numbers may not add due to rounding.

# Wildland Conservation Fund

## Purpose and Nature of Fund

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The Wildland Conservation Fund is responsible for the management of the Balcones Canyonlands Preserve (BCP) which preserves over 13,000 acres of City-owned property. The preserve is where the land and ecosystem can function in its natural condition and is not disturbed for purposes of agriculture, urban, or industrial use.

Program activities for BCP are covered under a federal Endangered Species Act section 10(a) permit, issued in May 1996. An interlocal Agreement between Austin and Travis County specifies that funding for implementation of the Balcones Canyonlands Conservation Plan (BCCP) Shared Vision and the permit is shared between the City of Austin and Travis County while each entity is independently responsible for operations and maintenance of preserve lands that they own or acquire. Additionally, revenue generated through sales of BCCP Participation Certificates (mitigation credits) are split evenly between the City and County.

The BCP provides management and administration for a regional preserve system for endangered species. The preserve protects eight endangered species, two neotropical migratory songbirds (the golden-cheeked warbler and black-capped vireo), six karst-dwelling invertebrates, and twenty-seven species of concern living in western Travis County. Management of BCP also allows these areas to act as a sponge and filter; absorbing rainfall; filtering it through plants communities; layers of soil and roots; and releasing it into watershed areas.

Benefits of wildlands:

- Absorb rainfall and reduce flooding
- Protect habitat for a wide variety of wildlife
- Conserve native plants as a genetic seed bank for the future
- Enhance air quality through presence of vegetation
- Filter pollution and dilute impacts of development
- Preserve aspects of cultural history
- Serve as locations for research
- Provide access on some tracts for recreation and education
- Store and slowly release water into creeks, prolonging their flow
- Provide mitigation of public service infrastructure activities that disturb Endangered Species habitat
- Provide an alternative process for private property owners to mitigate their activities that disturb habitat
- Offer beautiful views adding to Austin's quality of life and reputation as a community that values its environment

## Factors Affecting Revenue

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The Wildland Conservation Fund is funded by payments of permit fees. Fees are collected when private property owners or non-signatory public entities elect to mitigate their projects through BCCP. The fees are based on a schedule established by the BCCP Coordinating Committee, City Council, Travis County Commissioners Court, and U. S. Fish and Wildlife Service.

## Factors Affecting Requirements

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Requirements for the maintenance of the Balcones Canyonlands Preserves are \$428,455. This year's expenditures will include \$53,455 for hiring two seasonal temporary employees to complete the United States Forest Service Research study, \$25,000 for planning and researching to develop a long-range ecosystem management plan for the Balcones Canyonlands Preserves and \$350,000 to purchase fencing.

	<b>2013-14 Actual</b>	<b>2014-15 Actual</b>	<b>2015-16 Estimated</b>	<b>2015-16 Amended</b>	<b>2016-17 Proposed</b>
Revenue	\$291,674	\$225,850	\$621,792	\$253,000	\$253,000
Requirements	\$328,431	\$599,443	\$181,105	\$428,455	\$428,455

## Wildland Conservation Fund

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 ESTIMATED	2015-16 AMENDED	2016-17 PROPOSED
<b>BEGINNING BALANCE</b>	<u>1,264,717</u>	<u>1,228,243</u>	<u>854,651</u>	<u>1,042,863</u>	<u>1,295,338</u>
<b>REVENUE</b>					
Use of Money & Property Interest	1,262	2,313	3,000	3,000	3,000
Other Revenue	290,413	223,538	618,792	250,000	250,000
<b>Total Revenue</b>	<u>291,674</u>	<u>225,850</u>	<u>621,792</u>	<u>253,000</u>	<u>253,000</u>
<b>TOTAL AVAILABLE FUNDS</b>	<u>291,674</u>	<u>225,850</u>	<u>621,792</u>	<u>253,000</u>	<u>253,000</u>
<b>REQUIREMENTS</b>					
Capital	268,004	502,561	100,000	350,000	350,000
Contractuals	23,700	42,829	27,650	25,000	25,000
Personnel	36,727	54,053	53,455	53,455	53,455
<b>Total Requirements</b>	<u>328,431</u>	<u>599,443</u>	<u>181,105</u>	<u>428,455</u>	<u>428,455</u>
<b>TOTAL REQUIREMENTS</b>	<u>328,431</u>	<u>599,443</u>	<u>181,105</u>	<u>428,455</u>	<u>428,455</u>
<b>EXCESS (DEFICIENCY) OF TOTAL AVAILABLE FUNDS OVER TOTAL REQUIREMENTS</b>	<u>(36,757)</u>	<u>(373,593)</u>	<u>440,687</u>	<u>(175,455)</u>	<u>(175,455)</u>
<b>ADJUSTMENT TO GAAP</b>	<u>283</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>ENDING BALANCE</b>	<u>1,228,243</u>	<u>854,651</u>	<u>1,295,338</u>	<u>867,408</u>	<u>1,119,883</u>

Note: Numbers may not add due to rounding.

# FY 2016-17 Fee Schedule

	FY 2015-16	FY 2016-17	Note	Change
<b>Austin Water - Water Utility Operating Fund</b>				
<b>Professional Services/Analysis</b>				
Descaling Permit Fee	\$669.00	\$669.00		\$0.00
<i>Annual fee used to recoup the costs incurred in performing the tasks associated with regulating companies performing temporary descaling activities in the City of Austin's water service area (e.g., analyzing and documenting plans, specifications, applications and reports, monitoring and inspecting sites where temporary descaling activities have been authorized, enforcing regulations when violations occur, etc.). All of these activities are conducted to ensure compliance with pretreatment program and other health and safety requirements. This annual Descaling Permit Fee is prorated by quarter if the descaling company is in its first year of operation. Subsequent years of operations are charged at the full annual rate.</i>				
<b>Engineering Review &amp; Inspection Fee</b>				
Fee based on percentage of total cost of construction project <i>In every case where a subdivision requires City inspection of the construction of streets, drainage, water or wastewater facilities, either singularly or in any combination, the Utility shall assess a fee based on the engineer's construction estimate of the improvements as calculated by the Utility in accordance with the following table:</i>				
Engineer's Estimate of Total Cost of Construction Project				
Value				
Less Than \$6,000.00	\$403.00			Inactivated
6,000.01 - 200,000.00	7.00%			Inactivated
200,000.01 - 250,000.00	6.75%			Inactivated
250,000.01 - 300,000.00	6.50%			Inactivated
300,000.01 - 350,000.00	6.25%			Inactivated
350,000.01 - 400,000.00	6.00%			Inactivated
400,000.01 - 450,000.00	5.75%			Inactivated
450,000.01 - 550,000.00	5.50%			Inactivated
550,000.01 - 650,000.00	5.25%			Inactivated
650,000.01 - 750,000.00	5.00%			Inactivated
750,000.01 - 1,000,000.00	4.75%			Inactivated
1,000,000.01 - 1,250,000.00	4.50%			Inactivated
1,250,000.01 - 1,500,000.00	4.25%			Inactivated
1,500,000.01 - 2,000,000.00	4.00%			Inactivated
2,000,000.01 - 2,500,000.00	3.75%			Inactivated
2,500,000.01 - 3,000,000.00	3.50%			Inactivated
3,000,000.01 - 5,000,000.00	3.25%			Inactivated
More Than 5,000,000.01	3.00%			Inactivated
Fee for processing of the plat through final plat approval <i>In every case where a subdivision does not require construction of streets, drainage, water or wastewater facilities or improvements to existing water and wastewater facilities.</i>	\$67.00			Inactivated



# FY 2016-17 Fee Schedule

<b>Austin Water - Water Utility Operating Fund</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>Note</b>	<b>Change</b>
Minimum total fee (for processing of the plat through final plat approval)	\$403.00			Inactivated
<i>In every case where a subdivision requires City inspection of water or wastewater facilities with an estimated construction cost of \$6,000.00 or less.</i>				
Minimum total fee (for processing of the plat through final plat approval)	\$208.00			Inactivated
<i>In every case where a subdivision with public water and/or wastewater improvements greater than \$10,000 that require City of Austin review for compliance with City of Austin standards but no City of Austin inspection.</i>				
<b>Laboratory Services Testing Fees</b>				
<b>Automated General Chemical Analysis</b>				
Alkalinity, Auto-titration	\$7.00	\$7.00		\$0.00
Dissolved - Ortho Phosphorus	\$19.60	\$19.60		\$0.00
Dissolved Total Phosphorus	\$21.35	\$21.35		\$0.00
Nitrate + Nitrite - Nitrogen	\$20.00	\$20.00		\$0.00
Nitrite - Nitrogen	\$20.00	\$20.00		\$0.00
Nitrogen Package: Nitrate + Nitrite - Nitrogen, Nitrite-Nitrogen and Nitrate-Nitrogen	\$44.00	\$44.00		\$0.00
Ortho Phosphorus	\$19.60	\$19.60		\$0.00
Total Kjeldahl Nitrogen	\$19.20	\$19.20		\$0.00
Total Phosphorus	\$21.35	\$21.35		\$0.00
<b>General Chemical Analyses</b>				
Alkalinity - Phenolphthalein	\$6.80	\$6.80		\$0.00
Alkalinity - Total	\$6.80	\$6.80		\$0.00
Ammonia - Nitrogen	\$8.05	\$8.05		\$0.00
Biochemical Oxygen Demand	\$6.80	\$6.80		\$0.00
Calcium	\$6.80	\$6.80		\$0.00
Carbonaceous BOD	\$8.05	\$8.05		\$0.00
Chemical Oxygen Demand	\$6.80	\$6.80		\$0.00
Chlorine Residual	\$6.80	\$6.80		\$0.00
Conductivity	\$6.80	\$6.80		\$0.00
Cyanide, Amenable	\$54.00	\$54.00		\$0.00
Cyanide, Total	\$41.00	\$41.00		\$0.00
Dissolved Oxygen	\$6.80	\$6.80		\$0.00
Fluoride	\$10.75	\$10.75		\$0.00
Free Chlorine	\$6.80	\$6.80		\$0.00
Hardness - Calcium	\$6.80	\$6.80		\$0.00
Hardness - Total	\$6.80	\$6.80		\$0.00
Magnesium	\$6.80	\$6.80		\$0.00
Nitrate - Nitrogen	\$8.05	\$8.05		\$0.00

# FY 2016-17 Fee Schedule

Austin Water - Water Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
Oil & Grease	\$28.00	\$28.00		\$0.00
Ortho Phosphorus	\$6.80	\$6.80		\$0.00
Percent Solids in Semi-Solid Sample	\$8.05	\$8.05		\$0.00
Silica	\$8.05	\$8.05		\$0.00
Sulfate	\$6.80	\$6.80		\$0.00
Temperature	\$6.80	\$6.80		\$0.00
Threshold Odor	\$6.80	\$6.80		\$0.00
Total Dissolved Solids	\$6.80	\$6.80		\$0.00
Total Organic Carbon by Combustion-Infrared	\$18.55	\$18.55		\$0.00
Total Organic Carbon by Persulfate - UV Oxidation	\$56.00	\$56.00		\$0.00
Total Phosphate	\$16.00	\$16.00		\$0.00
Total Phosphorus	\$21.30	\$21.30		\$0.00
Total Solids	\$8.05	\$8.05		\$0.00
Total Suspended Solids	\$6.80	\$6.80		\$0.00
Total Volatile Solids	\$9.25	\$9.25		\$0.00
Turbidity	\$6.80	\$6.80		\$0.00
UV254	\$10.75	\$10.75		\$0.00
Volatile Suspended Solids	\$8.05	\$8.05		\$0.00
pH	\$6.80	\$6.80		\$0.00
Ion Analyses by Ion Chromatography				
Bromide	\$38.75	\$38.75		\$0.00
Chloride	\$25.30	\$25.30		\$0.00
Fluoride	\$46.75	\$46.75		\$0.00
Sulfate	\$25.30	\$25.30		\$0.00
Metals Analyses and Digestions				
ICP Metals	\$12.00	\$12.00		\$0.00
Mercury - Cold Vapor	\$45.50	\$45.50		\$0.00
Sample Digestion	\$9.25	\$9.25		\$0.00
Microbiological Analyses				
E. coli (Membrane Filter)	\$15.60	\$15.60		\$0.00
Enterococci	\$15.60	\$15.60		\$0.00
Fecal Coliform (EC Broth - MPN)	\$15.60	\$15.60		\$0.00
Fecal Coliform (Membrane Filter)	\$15.60	\$15.60		\$0.00
Heterotrophic Plate Count (Pour Plate)	\$32.50	\$32.50		\$0.00
Microscopic Examination	\$17.45	\$17.45		\$0.00
Plankton	\$41.20	\$41.20		\$0.00
Total Coliform (Colilert - MPN)	\$15.60	\$15.60		\$0.00

# FY 2016-17 Fee Schedule

Austin Water - Water Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
Total Coliform + E. coli (Colilert - MPN)	\$19.60	\$19.60		\$0.00
Miscellaneous Laboratory Services				
Bottle washing/maintenance per bottle	\$2.60	\$2.60		\$0.00
Organic Analyses				
Acid & Base Neutral Extractable Organic Compounds by GCMS	\$484.00	\$484.00		\$0.00
BTEX	\$54.75	\$54.75		\$0.00
Total Trihalomethanes (TTHM)	\$70.50	\$70.50		\$0.00
Volatile Organic Compounds by GCMS	\$205.00	\$205.00		\$0.00
<b>Site/Plan Reviews</b>				
Distribution Walk-Through Re-inspection Fee	\$225.00	\$225.00		\$0.00
<i>Fee charged to contractors to recover the cost of returning to projects where the initial inspection findings and secondary inspection findings have not been remediated.</i>				
Utility Development Services Engineering Plan Review-Meter Upsizing Only				
<i>This fee will be charged for engineering plan reviews by Austin Water.</i>				
Fourth Review (which also covers subsequent reviews if necessary)	\$536.25	\$536.25		\$0.00
Initial Review (which also covers a second and third review if necessary)	\$214.50	\$214.50		\$0.00
Withdrawal and resubmittal of engineering plans for review		\$107.25		New
Utility Development Services Meter Upsizing Plan Review		\$69.50		New
<i>This fee applies to the review and approval of plans that involve an increase in the size of the water meter. Such plans do not include any modification to the City's water service line or mains.</i>				
Utility Development Services Tap Plan Review				
<i>This fee will be charged for tap plan reviews by Austin Water.</i>				
Fourth Review (which also covers subsequent reviews if necessary)	\$214.50	\$214.50		\$0.00
Initial Review (which also covers a second and third review if necessary)	\$107.25	\$107.25		\$0.00
Withdrawal and resubmittal of tap plans for review		\$53.62		New

## Training/Education Registrations

Conservation Based Fees

# FY 2016-17 Fee Schedule

	FY 2015-16	FY 2016-17	Note	Change
<b>Austin Water - Water Utility Operating Fund</b>				
<b>Utility Charges/Rates</b>				
1-199 Cubic Yards				
Addition to System Fee	\$0.10	\$0.10	per 1,000 gallons	\$0.00
<p><i>Water tap fees for all second connections, increases to the existing installed meter, and/or water meters larger than two inches (2") are calculated on the total labor costs, transportation and equipment costs, materials and supply costs, plus indirect and overhead costs for the connection.</i></p> <p><i>Wastewater tap fees for all second connections and/or wastewater connections larger than six inches (6") are calculated on the total labor costs, transportation and equipment costs, materials and supplies costs, plus indirect and overhead costs for the connection.</i></p> <p><i>If the facility requiring wastewater service consist of more than fifteen living units (including, but not limited to apartments, motels, hotels, nursing homes, hospitals, etc.) or is of a commercial and/or industrial nature in excess of 4,000 square feet, a review by the Utility will be conducted to determine the need for a manhole in the sewer line. In the event that a manhole is required, the charge shall be calculated on a cost basis.</i></p>				
Auxiliary Water Fee for Lake or Natural Auxiliary Water Sources Only	\$60.00	\$60.00		\$0.00
<p><i>Annual fee charged to AWU customers with an active lake or other natural water auxiliary water source. Fee will be used to recoup some of the costs incurred to implement, manage, and enforce this program that is designed to ensure that the public water supply is adequately protected and, if applicable, alternate wastewater billing is applied according to approved standards. The fee is per AWU customer site with an active lake or other natural auxiliary water source.</i></p> <p><i>This fee does not apply to AWU customer sites where the only auxiliary water source is from a rainwater harvesting system or AWU-provided reclaim water.</i></p> <p><i>This fee is charged on a monthly basis at 1/12 of the annual fee during the month(s) the customer's account is active.</i></p>				
Backflow Prevention Compliance Fee-BPAs Tested Annually	\$31.20	\$31.20		\$0.00
<p><i>Annual fee that AW charges to its potable and reclaimed water high hazard customers or fire sprinkler systems that have backflow prevention assemblies (BPAs) on their plumbing systems that are required by the State of Texas or City of Austin regulations to be tested. The results of the tests are required to be reported back to the AWU on at least an annual basis to help the utility ensure that its customers are protected from possible contamination or pollution due to a backflow event. Fee is per BPA and is charged on a monthly basis at 1/12 of the annual fee during the month(s) the customer's account is active.</i></p>				
BPAs required to be tested and reported on at least biennially		\$15.60		New
Conservation Based Fees				
Irrigation Seminars				
Eight Hour Seminar	\$56.00	\$56.00		\$0.00
Two to Four Hour Seminar	\$28.00			Inactivated
Water Use Management Violations Administrative Fines (Irrigation /Water Use Violations)				
Commercial				
Alternative Compliance ( 6-4-32) Base Fee	\$500.00	\$500.00		\$0.00
Each additional site visit	\$125.00	\$125.00		\$0.00
Connection to Available Reclaimed Water Line [ 6-4-30 ( H ) ]	\$100.00	\$100.00		\$0.00

# FY 2016-17 Fee Schedule

Austin Water - Water Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
Facilities Regulated				
Documentation Submittal / Violation	\$200.00	\$200.00		\$0.00
Late Submittal Fine (per day)	\$25.00	\$25.00	per day	\$0.00
First event in 12-month period				
Appeal Fee				
<i>5% of fine; \$5 minimum</i>				
Conservation Stage	\$150.00	\$150.00		\$0.00
Drought Response Stage 1	\$150.00	\$150.00		\$0.00
Drought Response Stage 2	\$200.00	\$200.00		\$0.00
Drought Response Stage 3	\$300.00	\$300.00		\$0.00
Drought Response Stage 4	\$2,000.00	\$2,000.00		\$0.00
Fourth event in 12-month period				
Appeal Fee				
<i>5% of fine; \$5 minimum</i>				
Conservation Stage	\$500.00	\$500.00		\$0.00
Drought Response Stage 1	\$500.00	\$500.00		\$0.00
Drought Response Stage 2	\$500.00	\$500.00		\$0.00
Drought Response Stage 3	\$500.00	\$500.00		\$0.00
Drought Response Stage 4	\$2,000.00	\$2,000.00		\$0.00
Second event in 12-month period				
Appeal Fee				
<i>5% of fine; \$5 minimum</i>				
Conservation Stage	\$300.00	\$300.00		\$0.00
Drought Response Stage 1	\$350.00	\$350.00		\$0.00
Drought Response Stage 2	\$400.00	\$400.00		\$0.00
Drought Response Stage 3	\$500.00	\$500.00		\$0.00
Drought Response Stage 4	\$2,000.00	\$2,000.00		\$0.00
Third event in 12-month period				
Appeal Fee				
<i>5% of fine; \$5 minimum</i>				
Conservation Stage	\$450.00	\$450.00		\$0.00
Drought Response Stage 1	\$450.00	\$450.00		\$0.00
Drought Response Stage 2	\$500.00	\$500.00		\$0.00
Drought Response Stage 3	\$500.00	\$500.00		\$0.00
Drought Response Stage 4	\$2,000.00	\$2,000.00		\$0.00
Watering Day Variance Fee [ 6-4-30 ( C ) ]	\$175.00	\$175.00		\$0.00

# FY 2016-17 Fee Schedule

	FY 2015-16	FY 2016-17	Note	Change
<b>Austin Water - Water Utility Operating Fund</b>				
Residential				
First event in 12-month period				
Appeal Fee				
5% of fine; \$5 minimum				
Conservation Stage	\$25.00	\$25.00		\$0.00
Drought Response Stage 1	\$50.00	\$50.00		\$0.00
Drought Response Stage 2	\$75.00	\$75.00		\$0.00
Drought Response Stage 3	\$150.00	\$150.00		\$0.00
Drought Response Stage 4	\$500.00	\$500.00		\$0.00
Fourth event in 12-month period				
Appeal Fee				
5% of fine; \$5 minimum				
Conservation Stage	\$500.00	\$500.00		\$0.00
Drought Response Stage 1	\$500.00	\$500.00		\$0.00
Drought Response Stage 2	\$500.00	\$500.00		\$0.00
Drought Response Stage 3	\$500.00	\$500.00		\$0.00
Drought Response Stage 4	\$2,000.00	\$2,000.00		\$0.00
Second event in 12-month period				
Appeal Fee				
5% of fine; \$5 minimum				
Conservation Stage	\$50.00	\$50.00		\$0.00
Drought Response Stage 1	\$75.00	\$75.00		\$0.00
Drought Response Stage 2	\$150.00	\$150.00		\$0.00
Drought Response Stage 3	\$300.00	\$300.00		\$0.00
Drought Response Stage 4	\$750.00	\$750.00		\$0.00
Third event in 12-month period				
Appeal Fee				
5% of fine; \$5 minimum				
Conservation Stage	\$200.00	\$200.00		\$0.00
Drought Response Stage 1	\$250.00	\$250.00		\$0.00
Drought Response Stage 2	\$300.00	\$300.00		\$0.00
Drought Response Stage 3	\$450.00	\$450.00		\$0.00
Drought Response Stage 4	\$1,250.00	\$1,250.00		\$0.00
Emergency Repair Cut Off/On Fee	\$13.40	\$13.40		\$0.00
Fee added to Utility Bills for customer requests for Utility to cut off/on service to water meter for repairs or other miscellaneous reasons.				

# FY 2016-17 Fee Schedule

Austin Water - Water Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
Evaporative Loss Credit Application and Processing Fee	\$187.50	\$187.50		\$0.00
<p><i>Non-refundable application and processing fee; customer is responsible for reporting timely and accurate meter readings each month. If customer reports an erroneous meter read or fails to meet the monthly reporting deadline, the Utility can waive the deadline for one instance in a twelve month period.</i></p>				
Fire Hydrant Meter Fees				
<p><i>Water meters are installed on fire hydrants for construction purposes on a temporary basis. Costs associated with fire hydrant meters include an initiation fee, an installation fee, a non-compliance removal fee, and a refundable equipment deposit for the meter and equipment. The initiation fee covers administrative costs in setting up the account on the billing system. The installation fee covers the field costs for installing the meter on the fire hydrant or on a vehicle for use in withdrawing water from a fire hydrant. Backflow prevention assemblies are required to be installed by the contractor and tested by a certified backflow technician and the test report faxed or delivered to Special Services within 48 hours of the meter installation. The non-compliance removal fee is charged when a fire hydrant meter is removed by the City of Austin due to either an ordinance violation or the contractor failing to have a backflow prevention assembly tested and the test report faxed or delivered to Special Services within the required time period. The meter and equipment deposits are to help insure the return of the meter and equipment upon completion of use by the contractor. The equipment deposit does not earn interest, and will be refunded to the customer upon return of the meter and equipment to the Utility, after verification that the meter and equipment is in good working condition, and verification that the utility billing charges have been paid in full. Charges for damages to the meter or equipment will be deducted from the deposit, if applicable. Refer to City Ordinance No. 20051020-005.</i></p>				
Fire Hydrant Initiation Fee	\$27.35	\$27.35		\$0.00
Cost per initiation				
Fire Hydrant Installation Fee	\$40.50	\$40.50		\$0.00
Cost per installation				
Meter and Equipment Deposit (Refundable)	\$150.00	\$150.00		\$0.00
1" Meter and equipment	\$800.00	\$800.00		\$0.00
3" Meter and equipment				
Non-Compliance Removal Fee	\$67.00	\$67.00		\$0.00
Cost per removal				
Impact Fee (Capital Recovery Fee)				
<p><i>Fees for lots that were platted after October 1, 2007 and before January 1, 2014. For lots platted prior to this period see previous fee schedules.</i></p>				
Desired Development Zone				
Inside City Fees				
Wastewater	\$600.00	\$600.00		\$0.00
Water	\$1,000.00	\$1,000.00		\$0.00
Outside City Fees				
Wastewater	\$1,000.00	\$1,000.00		\$0.00
Water	\$1,800.00	\$1,800.00		\$0.00
Desired Development Zone - Central Urban Redevelopment Combining District and the area bounded by Lady Bird Lake, Lamar Blvd, 15th Street, and IH-35				
Wastewater	\$400.00	\$400.00		\$0.00

# FY 2016-17 Fee Schedule

Austin Water - Water Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
Water	\$700.00	\$700.00		\$0.00
Outside of Austin Extraterritorial Jurisdiction (ETJ)				
All Areas				
Wastewater	\$1,400.00	\$1,400.00		\$0.00
Water	\$2,500.00	\$2,500.00		\$0.00
Desired Development Zone - Urban Watersheds				
Wastewater	\$500.00	\$500.00		\$0.00
Water	\$800.00	\$800.00		\$0.00
Drinking Water Protection Zone				
Inside City Fees				
Wastewater	\$1,200.00	\$1,200.00		\$0.00
Water	\$2,200.00	\$2,200.00		\$0.00
Outside City Fees				
Wastewater	\$1,400.00	\$1,400.00		\$0.00
Water	\$2,500.00	\$2,500.00		\$0.00
Fees for lots that were platted on or after January 1, 2014. <i>For lots platted prior to this date see previous fee schedules.</i>				
Wastewater	\$2,200.00	\$2,200.00		\$0.00
Water	\$5,400.00	\$5,400.00		\$0.00
7%		7%		
Interest on Capital Recovery Fee - Payment Agreements				
10%		10%		
Interest on Private Lateral Repair - Payment Agreements				
Annual interest rate	\$5.62	\$5.62		\$0.00
Leak and Administrative Adjustment Water Discount Rate				
<i>The discounted water rate for single-family residential customers receiving a water leak adjustment as well as the single-family residential customers qualifying for an administrative water adjustment.</i>				
Tap & Reconnection Fee				
<i>Meter Tap &amp; Reconnection Fees (not to exceed meter size 5/8" plus actual cost of meter fees) shall be waived for the installation of a water meter solely for a City-Supported Community Garden as defined in Chapter 14-7 of the City Code.</i>				
The fees for wastewater connections and manholes performed by the City are as follows:				
Connection Size and Zone:				
6-inch or less - Zone 1	\$403.00	\$403.00		\$0.00
6-inch or less - Zone 2	\$469.00	\$469.00		\$0.00
6-inch or less - Zone 3	\$535.00	\$535.00		\$0.00
The fees for water and reclaimed water connections/reconnections performed by contractors in accordance with City connection procedures are as follows				
Meter Size:				
3" or 4" plus actual cost of meter	\$535.00	\$535.00		\$0.00



# FY 2016-17 Fee Schedule

Austin Water - Water Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
5/8" through 2" plus actual cost of meter	\$168.00	\$168.00		\$0.00
6" or larger plus actual cost of meter	\$802.00	\$802.00		\$0.00
The fees for water and reclaimed water connections/reconnections performed by the City are as follows:				
Meter Size:				
1" plus actual cost of meter	\$595.00	\$595.00		\$0.00
1-1/2" plus actual cost of meter	\$975.00	\$975.00		\$0.00
2" plus actual cost of meter	\$1,167.00	\$1,167.00		\$0.00
3/4" plus actual cost of meter	\$524.00	\$524.00		\$0.00
5/8" plus actual cost of meter	\$501.00	\$501.00		\$0.00
Tap Inspection Fee				
<i>Fee charged for additional water tap inspection(s) after initial inspection has failed to be in compliance with standard meter detail of City of Austin code requirements. This fee must be paid in order to schedule a follow up inspection.</i>				
Cost per inspection:				
Re-Inspection Fee (Tap)	\$33.50	\$33.50		\$0.00
Water and Reclaimed Water Meter sizes 2" or less	\$67.00	\$67.00		\$0.00
Tap Installation Cost Estimate Fee				
<i>Cost estimates for certain tap connections are calculated based on total labor, transportation, equipment, materials, supplies and indirect or overhead costs. Preparation of cost estimates requires research of records, a field trip and calculations by Taps Office staff. The fee would be applied toward the purchase of services if purchased within a 90 day period from the date of the estimate.</i>				
Fee per Cost Estimate	\$53.00	\$53.00		\$0.00
Utility Diversion Charge				
Charge for administrative and field review (per incident).	\$155.00	\$155.00		\$0.00
<i>Additional charges billed based on the extent of labor required, equipment damages and the cost of metering equipment and appurtenances.</i>				
Utility Meter Re-testing Fee	\$310.00	\$310.00		\$0.00
<i>Fee assessed to customer requesting a meter accuracy test on meters when the Utility has performed a meter accuracy test on the same meter during the preceding 36-month period. Fee will only be assessed if the meter passes the additional requested accuracy tests.</i>				
Utility Piping Permit	\$655.00	\$655.00		\$0.00
<i>Annual fee used to recoup the costs incurred in performing the tasks associated with regulating the chemical providing companies performing temporary utility piping activities in the City of Austin's water service area (e.g., analyzing and documenting plans, specifications, applications and reports, monitoring and inspecting sites where temporary utility piping activities have been authorized, enforcing regulations when violations occur, etc.). All of these activities are conducted to ensure compliance with pretreatment program and other health and safety requirements. This annual Utility Piping Permit fee is prorated by quarter if the chemical provider company is in its first year of operation. Subsequent years of operation are charged at the full annual rate.</i>				
Utility Special Service Billings				
The Utility charges the following hourly rates for these special service requests:				
Flusher Truck	\$100.00	\$100.00		\$0.00

# FY 2016-17 Fee Schedule

Austin Water - Water Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
Hydrostatic Test	\$88.00	\$265.00		\$177.00
<i>This fee includes up to four hours of labor. Subsequent labor will be billed at \$88.00 per hour.</i>				
Mini Camera	\$167.00	\$167.00		\$0.00
Rodding Machine	\$167.00	\$167.00		\$0.00
Smoke Test	\$100.00	\$100.00		\$0.00
TV Inspection Unit	\$167.00	\$167.00		\$0.00
Vactor Truck	\$167.00	\$167.00		\$0.00
<b>Water Drought Rate Surcharge:</b>				
<i>Surcharge enacted for all retail and wholesale customer classes during Stage 3 and Stage 4 of drought-response water restrictions to ensure financial stability to the Austin Water Utility. These surcharges will take effect the next monthly billing cycle following the declaration of Stage 3 or Stage 4 water restrictions, and will continue until directed by the City Manager.</i>				
Stage 3 Volume Rate per 1,000 gallon	\$1.00	\$1.00	per 1,000 gallons	\$0.00
Stage 4 Volume Rate per 1,000 gallons	\$3.00	\$3.00	per 1,000 gallons	\$0.00
Water Revenue Stability Reserve Fund Surcharge - Retail:	\$0.19	\$0.19	per 1,000 gallons	\$0.00
<i>Fee charged to all retail water customers per 1,000 gallons of water billed for the billing period to fund the Revenue Stability Reserve Fund.</i>				
Water Revenue Stability Reserve Fund Surcharge - Wholesale	\$0.10	\$0.10		\$0.00
<i>Fee charged to all wholesale water customers per 1,000 gallons of water billed for the billing period to fund the Revenue Stability Reserve Fund.</i>				
<b>Water Service Rates</b>				
<i>For all bills and charges rendered on or after November 1, 2016, these rates are applicable to all sales or service of water to customers served by the City of Austin.</i>				
<b>Commercial Monthly Minimum Charge</b>				
<i>This fee is charged in addition to the Retail Monthly Meter Equivalent Minimum Charge.</i>				
<i>Commercial customers will be assessed a monthly minimum fixed charge for each meter when consumption has registered, or for service of at least 10 days of the monthly billing period based on meter size.</i>				
Meter Size:				
5/8"	\$10.85	\$10.80		(\$0.05)
3/4"	\$16.00	\$16.00		\$0.00
1"	\$27.00	\$27.00		\$0.00
1 ¼"	\$41.00	\$41.00		\$0.00
1 ½"	\$54.00	\$54.00		\$0.00
2"	\$87.00	\$86.00		(\$1.00)
3"	\$174.00	\$173.00		(\$1.00)
4"	\$271.00	\$270.00		(\$1.00)
6"	\$543.00	\$540.00		(\$3.00)
8"	\$868.00	\$864.00		(\$4.00)
10"	\$1,248.00	\$1,242.00		(\$6.00)
12"	\$1,845.00	\$1,836.00		(\$9.00)

# FY 2016-17 Fee Schedule

<b>Austin Water - Water Utility Operating Fund</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>Note</b>	<b>Change</b>
<p>Large Volume Monthly Minimum Charge</p> <p><i>This fee is charged in addition to the Retail Monthly Equivalent Minimum Charge.</i></p> <p><i>Each large volume customer will be assessed a monthly minimum fixed charge based on each customer's annual fixed revenue responsibility.</i></p> <p><i>The monthly minimum fixed charge will be assessed monthly when water consumption is registered, or for service of at least 10 days of the monthly billing period.</i></p>				
NXP Ed Bluestein (Formerly Freescale)	\$46,500.00	\$29,500.00		(\$17,000.00)
NXP W William Cannon (Formerly Freescale)		\$22,000.00		New
Novati	\$3,700.00	\$3,900.00		\$200.00
Samsung	\$111,000.00	\$127,000.00		\$16,000.00
Spanion	\$22,000.00	\$20,100.00		(\$1,900.00)
University of Texas	\$20,000.00	\$17,250.00		(\$2,750.00)
<p>Non-Residential</p> <p>Multifamily Monthly Minimum Charge:</p> <p><i>This fee is charged in addition to the Retail Monthly Meter Equivalent Minimum Charge.</i></p> <p><i>Multifamily customers will be assessed a monthly minimum fixed charge for each meter when consumption has registered, or for service of at least 10 days of the monthly billing period based on meter size.</i></p>				
Meter Size				
3/4"	\$28.00	\$26.00		(\$2.00)
5/8"	\$18.60	\$17.25		(\$1.35)
1"	\$47.00	\$43.00		(\$4.00)
1 ¼"	\$65.00	\$65.00		\$0.00
1 ½"	\$93.00	\$86.00		(\$7.00)
2"	\$149.00	\$138.00		(\$11.00)
3"	\$298.00	\$276.00		(\$22.00)
4"	\$465.00	\$431.00		(\$34.00)
6"	\$930.00	\$863.00		(\$67.00)
8"	\$1,488.00	\$1,380.00		(\$108.00)
10"	\$2,139.00	\$1,984.00		(\$155.00)
12"	\$3,162.00	\$2,933.00		(\$229.00)

# FY 2016-17 Fee Schedule

Austin Water - Water Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
Residential				
Single-Family Residential Monthly Tiered Minimum Charge:				
<i>This fee is charged in addition to the Retail Monthly Meter Equivalent Minimum Charge.</i>				
<i>The residential monthly tiered minimum charge is applied based on the total billed consumption for the billing period as it falls within a rate block, not as a volumetric charge per 1,000 gallons.</i>				
<i>Customer Assistance Program (CAP) customers may qualify for a waiver of the monthly tiered minimum charge.</i>				
<i>Residential customers will be assessed a monthly tiered minimum charge for each meter when water consumption has registered, or for service of at least 10 days of the monthly billing period based on billed consumption for the billing period.</i>				
0 - 2,000 Gallons	\$1.20	\$1.25		\$0.05
2,001 - 6,000 Gallons	\$3.45	\$3.55		\$0.10
6,001 - 11,000 Gallons	\$8.75	\$9.25		\$0.50
11,001 - 20,000 Gallons	\$27.35	\$29.75		\$2.40
20,001 - Over Gallons	\$27.35	\$29.75		\$2.40
Volume Unit Charge: All Volumes (Unit Cost Per 1,000 Gallons)				
Customer Assistance Program (CAP)				
0 - 2,000 Gallons	\$2.47	\$2.50		\$0.03
2,001 - 6,000 Gallons	\$3.89	\$4.13		\$0.24
6,001 - 11,000 Gallons	\$5.76	\$6.74		\$0.98
11,001 - 20,000 Gallons	\$9.90	\$11.58		\$1.68
20,001 - Over Gallons	\$14.16	\$14.43		\$0.27
Non-Residential Large Volume				
<i>The criteria and procedures for a commercial water customer or a new large volume water customer to qualify as a large volume water customer are the same as for the commercial wastewater customer or new large volume wastewater customer above.</i>				
Hospira				Inactivated
Novati				
Off Peak Standard (November-June Billing Cycles)	\$5.48	\$5.48		\$0.00
Peak Summer (July- October Billing Cycles)	\$6.03	\$6.03		\$0.00
Samsung				
Off Peak Standard (November-June Billing Cycles)	\$5.30	\$5.62		\$0.32
Peak Summer (July-October Billing Cycles)	\$5.83	\$6.18		\$0.35
University of Texas				
Off Peak Standard (November-June Billing Cycles)	\$5.82	\$5.97		\$0.15
Peak Summer (July- October Billing Cycles)	\$6.40	\$6.57		\$0.17

# FY 2016-17 Fee Schedule

Austin Water - Water Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
<b>Austin Water - Water Utility Operating Fund</b>				
NXP Ed Bluestein (Formerly Freescale)				
Off Peak Standard (November-June Billing Cycles)	\$5.17	\$5.04		(\$0.13)
Peak Summer (July- October Billing Cycles)	\$5.69	\$5.55		(\$0.14)
NXP W William Cannon (Formerly Freescale)				
NXP W William Cannon (Formerly Freescale)	\$5.30			Inactivated
NXP W William Cannon (Formerly Freescale)				
Off Peak Standard (November-June Billing Cycles)	\$5.58			New
Peak Summer (July-October Billing Cycles)	\$6.13			New
Spansion				
Off Peak Standard (November-June Billing Cycles)	\$5.22	\$5.44		\$0.22
Peak Summer (July- October Billing Cycles)	\$5.75	\$5.98		\$0.23
Multifamily				
Off Peak Standard (November-June Billing Cycles)	\$4.90	\$5.11		\$0.21
Peak Summer (July- October Billing Cycles)	\$5.39	\$5.62		\$0.23
Commercial				
Off Peak Standard (November-June Billing Cycles)	\$5.82	\$5.97		\$0.15
Peak Summer (July- October Billing Cycles)	\$6.40	\$6.57		\$0.17
Residential				
Single-Family Residential				
0 - 2,000 Gallons	\$3.16	\$3.18		\$0.02
2,001 - 6,000 Gallons	\$4.84	\$5.05		\$0.21
6,001 - 11,000 Gallons	\$7.88	\$8.56		\$0.68
11,001 - 20,000 Gallons	\$11.90	\$12.92		\$1.02
20,001 - Over Gallons	\$14.16	\$14.43		\$0.27
Water Service Rates for Retail Customers				
Retail Monthly Meter Equivalent Minimum Charge:				
<i>Customer Assistance Program (CAP) customers may qualify for a waiver of the monthly meter equivalent charge.</i>				
<i>Customers will be assessed a monthly meter equivalent minimum charge for each meter when water consumption has registered, or for service of at least 10 days of the monthly billing period.</i>				
Meter Size				
5/8"	\$7.10	\$7.10	minimum	\$0.00
3/4"	\$13.00	\$13.00	minimum	\$0.00
1"	\$15.00	\$15.00	minimum	\$0.00
1 ¼"	\$17.00	\$17.00	minimum	\$0.00
1 ½"	\$25.00	\$26.00	minimum	\$1.00
2"	\$41.00	\$42.00	minimum	\$1.00
3"	\$68.00	\$71.00	minimum	\$3.00
4"	\$139.00	\$136.00	minimum	(\$3.00)

# FY 2016-17 Fee Schedule

Austin Water - Water Utility Operating Fund		FY 2015-16	FY 2016-17	Note	Change
6"		\$283.00	\$275.00	minimum	(\$8.00)
8"		\$1,046.00	\$916.00	minimum	(\$130.00)
10"		\$1,236.00	\$1,106.00	minimum	(\$130.00)
12"		\$1,466.00	\$1,336.00	minimum	(\$130.00)
<p>Water Service Rates for Wholesale Customers effective November 1, 2016</p> <p>Wholesale Monthly Meter Equivalent Minimum Charge:</p> <p><i>This fee is charged in addition to the Wholesale Monthly Meter Equivalent Minimum Charge.</i></p> <p><i>Each wholesale customer will be assessed a monthly minimum fixed charge based on each customer's annual fixed revenue responsibility.</i></p> <p><i>The monthly minimum fixed charge will be assessed monthly when water consumption is registered, or for service of at least 10 days of the monthly billing period.</i></p>					
Meter Size					
5/8"		\$8.00	\$8.00	minimum	\$0.00
3/4"		\$9.00	\$9.00	minimum	\$0.00
1"		\$10.00	\$10.00	minimum	\$0.00
1 ¼"		\$12.00	\$12.00	minimum	\$0.00
1 ½"		\$14.00	\$14.00	minimum	\$0.00
2"		\$19.00	\$19.00	minimum	\$0.00
3"		\$31.00	\$31.00	minimum	\$0.00
4"		\$45.00	\$45.00	minimum	\$0.00
6"		\$84.00	\$84.00	minimum	\$0.00
8"		\$131.00	\$131.00	minimum	\$0.00
10"		\$186.00	\$186.00	minimum	\$0.00
12"		\$271.00	\$271.00	minimum	\$0.00
<p>Wholesale Monthly Minimum Charge:</p> <p>Creedmoor-Maha Water Supply Corp. \$2,800.00</p> <p>High Valley Water Supply Corp. \$250.00</p> <p>Manor, City of \$0.00</p> <p>Marsha Water Supply Corp. \$450.00</p> <p>Mid-Tex Utilities (Avana Subdivision) \$0.00</p> <p>Morningside Subdivision \$75.00</p> <p>Night Hawk Water Supply Corp. \$450.00</p> <p>North Austin MUD #1 \$16,652.00</p> <p>Northtown MUD \$12,304.00</p> <p>Rivercrest Water Supply Corp. \$4,500.00</p> <p>Rollingwood, City of \$5,000.00</p> <p>Shady Hollow MUD \$7,500.00</p>					

# FY 2016-17 Fee Schedule

Austin Water - Water Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
Southwest Water Company	\$0.00	\$0.00		\$0.00
Sunset Valley, City of	\$4,000.00	\$4,000.00	minimum	\$0.00
Travis Co. WCID #10		\$38,611.00	minimum	New
Village of San Leanna	\$200.00	\$200.00	minimum	\$0.00
Wells Branch MUD - N.A.G.C.		\$21,133.00	minimum	New
<b>Wholesale Volume Unit Charge: All Volumes (Unit Cost Per 1,000 Gallons)</b>				
Average Wholesale Water Rate	\$4.10	\$4.10	per 1,000 gallons	\$0.00
Creedmoor-Maha Water Supply Corp.	\$3.89	\$3.89	per 1,000 gallons	\$0.00
High Valley Water Supply Corp.	\$3.87	\$3.87	per 1,000 gallons	\$0.00
Manor, City of	\$5.09	\$5.09	per 1,000 gallons	\$0.00
Marsha Water Supply Corp.	\$3.92	\$3.92	per 1,000 gallons	\$0.00
Mid-Tex Utilities (Avana Subdivision)	\$4.10	\$4.10	minimum	\$0.00
Morningside Subdivision	\$5.09	\$5.09	per 1,000 gallons	\$0.00
Night Hawk Water Supply Corp.	\$3.90	\$3.90	per 1,000 gallons	\$0.00
North Austin MUD #1	\$3.71	\$2.75	per 1,000 gallons	(\$0.96)
Northtown MUD	\$3.57	\$2.59	per 1,000 gallons	(\$0.98)
Rivercrest Water Supply Corp.	\$4.35	\$4.35	per 1,000 gallons	\$0.00
Rollingwood, City of	\$4.65	\$4.65	per 1,000 gallons	\$0.00
Shady Hollow MUD	\$4.45	\$4.45	per 1,000 gallons	\$0.00
Southwest Water Company	\$4.10	\$4.10	per 1,000 gallons	\$0.00
Sunset Valley, City of	\$4.24	\$4.24	per 1,000 gallons	\$0.00
Travis Co. WCID #10	\$3.97	\$2.75	per 1,000 gallons	(\$1.22)
Village of San Leanna	\$4.06	\$4.06	per 1,000 gallons	\$0.00
Wells Branch MUD - N.A.G.C.	\$3.46	\$2.60	per 1,000 gallons	(\$0.86)
Water Well Fee	\$90.00	\$90.00		\$0.00

*Annual fee the Austin Water Utility (AWU) charges customers with water wells to recoup the costs incurred to implement, manage, and enforce the new Water Well Program that is designed to ensure that the public water supply is adequately protected and, if applicable, alternate wastewater billing is applied according to approved standards. The requirement to register AWU customers with certain types of active water wells is in Chapter 15-12 of the Austin City Code. The fee is per AWU customer site with active water well(s) that are required to be registered under Ch. 15-12. This fee is charged on a monthly basis at 1/12 of the annual fee during the month(s) the customer's account is active.*

## FY 2016-17 Fee Schedule

	FY 2015-16	FY 2016-17	Note	Change
<b>Austin Water - Water Utility Operating Fund</b>				
Watercraft and Marinas Program Fees				
Boat Pump-Out Facility	\$60.00	\$60.00		\$0.00
<i>Annual permit fee that AW charges customers with a boat pump-out facility operated on or adjacent to the surface waters of the City's water supply. This permit is required in accordance with Chapter 6-5, Article 3 (Watercraft and Marinas) of the Austin City Code.</i>				
Excursion Boat with Marine Sanitation Device	\$24.00	\$24.00		\$0.00
<i>Annual permit fee that AW charges customers with a marine sanitation device on a watercraft operated or intended for operation on the surface waters of the City's water supply.</i>				



# FY 2016-17 Fee Schedule

Austin Water - Wastewater Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
<b>Concessions/Sales</b>				
Dillo Dirt Sales				
1-199 Cubic Yards	\$12.00	\$12.00		\$0.00
200-499 Cubic Yards	\$11.00	\$11.00		\$0.00
500 Cubic Yards and above	\$10.00	\$10.00		\$0.00
Distribution Walk-Through Re-Inspection Fee				
Mapping Sales				
Color Copies				
CD ROM Copies	\$6.15	\$6.15	each	\$0.00
D-Size	\$45.00	\$45.00	each	\$0.00
Municipal Utility District Map (11" x 17")	\$2.70	\$2.70	each	\$0.00
Wastewater Major Facilities Map (11" x 17")	\$2.70	\$2.70	each	\$0.00
Wastewater System Map	\$2.70	\$2.70	each	\$0.00
Water Major Facilities Map (11" x 17")	\$2.70	\$2.70	each	\$0.00
Water System Map	\$2.70	\$2.70	each	\$0.00
Photo Copies				
11" x 17"	\$1.25	\$1.25	each	\$0.00
12" x 18"	\$2.70	\$2.70	each	\$0.00
Blowbacks from Film	\$3.85	\$3.85	each	\$0.00
C-Size (18" x 24")	\$3.85	\$3.85	each	\$0.00
D-Size (24" x 36")	\$3.85	\$3.85	each	\$0.00
D-Size bluelines or blacklines	\$3.85	\$3.85	each	\$0.00
Impact Fee land use map with assumptions appendix	\$2.65	\$2.65	each	\$0.00
Intersection Detail Drawings	\$1.05	\$1.05	each	\$0.00
Plan and Profile Drawings	\$1.05	\$1.05	each	\$0.00
Sale of Reports/Publications				
Decentralized Wastewater System Video	\$13.45	\$13.45		\$0.00
WW Collection System Long Range Planning Guide	\$26.85	\$26.85	each	\$0.00
WW Collection System Long Range Planning Guide Summary	\$2.70	\$2.70	each	\$0.00
Water Distribution System Long Range Planning Guide	\$26.85	\$26.85	each	\$0.00
Water Distribution System Long Range Planning Guide Summary	\$2.70	\$2.70	each	\$0.00

# FY 2016-17 Fee Schedule

Austin Water - Wastewater Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
<b>License/Use Permits</b>				
Liquid Waste Hauler's Fees				
After Hours Receiving Station Fee	\$284.00	\$284.00		\$0.00
<i>Fee to recover the costs incurred by AW in order to open and operate the hauled waste receiving station after normal business hours for a minimum of at least 2 hours. This fee applies to each 2 hour interval that the hauled waste receiving station is requested and authorized to be opened after hours.</i>				
Disposal and Treatment Fee				
Volume Basis: Vehicle Storage Capacity	100%	100%		\$0.00
Volume: Charge per 1,000 gallons of liquid waste	\$44.50	\$44.50		\$0.00
Permit Fee	\$92.00	\$92.00	each	\$0.00
<i>The Permit Fee can be prorated by month if the Liquid Waste Hauler is in its first year of operation. Subsequent years of operation are charged at the full annual rate. For all the Liquid Waste Haulers the Permit Fee can be prorated by month when the annual Liquid Waste Hauler permit renewal date is adjusted.</i>				
Trip Ticket Book	\$10.00	\$10.00		\$0.00
Vehicle Inspection or Re-inspection	\$44.50	\$44.50		\$0.00
Wastewater Discharge Permit Base Fee				
<i>Permit Base Fees for Category I General and Category V Dental Industrial Users are charged on a monthly basis at 1/12 of the respective fee shown above. These Category I and Category V Permit Base Fees are only charged during the month(s) the General or Dental Industrial User's account is active. For all other Industrial Users (e.g. significant industrial users, major industrial users, other industrial users, other political subdivision industrial users, etc.) Permit Base Fees are charged on an annual basis at one of the rates shown above for Categories II through IV. This annual Permit Base Fee is prorated by quarter if the Industrial user is in its first year of operation. Subsequent years of operation are charged at the full annual rate. Analytical costs will be determined by the amount of Water Laboratory cost associated with each Industrial User. The Category V Permit Fee for Dental Industrial Users will only be applied when the federal categorical standards stipulated in 40 CFR 441 become effective.</i>				
Annual Permit Fee				
Category I	\$162.00	\$162.00		\$0.00
Category II	\$669.00	\$669.00		\$0.00
Category III	\$669.00	\$669.00		\$0.00
Category IV	\$876.00	\$876.00		\$0.00
Category V	\$64.80	\$64.80		\$0.00
<b>Professional Services/Analysis</b>				
Metered Wastewater Billing Application Fee	\$330.00	\$330.00		\$0.00
<i>Fee to determine the feasibility of wastewater metering.</i>				
On-Site Sewage Facility (OSSF) & Alternative Wastewater System Fees				
Alternative Wastewater System Design Change Fee	\$264.00	\$264.00		\$0.00
<i>The fee covers the cost of reviewing changes to submitted engineering designs of alternative wastewater collection systems.</i>				
Alternative Wastewater System Fee	\$601.00	\$601.00		\$0.00

# FY 2016-17 Fee Schedule

Austin Water - Wastewater Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
Emergency Holding Tank Fee				
Non-Single Family	\$425.00	\$425.00	each	\$0.00
Single-Family Residential Inspection	\$217.00	\$217.00	each	\$0.00
Lake Sanitation				
OSSF Tank Abandonment				
Private sewage facility cutover to sewer Permit Review	\$53.75	\$53.75	each	\$0.00
License Amendment or Design Change Fee	\$269.00	\$269.00	each	\$0.00
Minor Re-permit Changes	\$300.00	\$300.00		\$0.00
On-Site Sewage Facility Permit Fee (Permit to Construct/License to Re-inspection)	\$601.00	\$601.00	each	\$0.00
Site/Lot Evaluation	\$80.00	\$80.00	each	\$0.00
State OSSF Surcharge	\$80.00	\$80.00	each	\$0.00
Subdivision Review	\$10.00	\$10.00	each	\$0.00
Review of subdivisions served by private sewage facilities				
For each additional lot	\$6.80	\$6.80	Each additional lot	\$0.00
For the first 20 lots	\$167.00	\$167.00	First 20 lots	\$0.00
Private Wastewater Lateral Evaluation Fee	\$112.00	\$112.00		\$0.00
<i>This fee covers the cost of providing site elevation analysis on City-identified private wastewater laterals that are defective and under enforcement activities by the City.</i>				
Re-Sampling Fee	\$202.00	\$202.00		\$0.00
<i>This re-sampling fee is used to recoup the costs associated with the sampling and analysis of wastewater discharge samples that are used to derive a wastewater surcharge for industrial users that request such a re-sample as authorized under Chapter 15-10 (Wastewater Regulations). A minimum of two samples per outfall per industrial user site are required. The re-sampling fee applies to each sample required to be collected in order to derive a wastewater surcharge. Industrial user customers may gain approval for only one re-sampling event per calendar year.</i>				
<b>Safety and Technical Training</b>				
<i>The courses below are offered to both City of Austin employees and any other interested persons:</i>				
Activated Sludge	\$200.00	\$200.00		\$0.00
Basic Wastewater	\$200.00	\$200.00		\$0.00
Basic Water	\$200.00	\$200.00		\$0.00
Chlorinator Maintenance	\$200.00	\$200.00		\$0.00
Pre-Utility Calculations	\$150.00	\$150.00		\$0.00
Pump and Motor Maintenance	\$200.00	\$200.00		\$0.00
Surface Water Production Part 1	\$200.00	\$200.00		\$0.00
Surface Water Production Part 2	\$200.00	\$200.00		\$0.00
Utility Calculations	\$150.00	\$150.00		\$0.00

# FY 2016-17 Fee Schedule

Austin Water - Wastewater Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
Valve and Hydrant Maintenance	\$200.00	\$200.00		\$0.00
Wastewater Collection	\$200.00	\$200.00		\$0.00
Wastewater Treatment	\$200.00	\$200.00		\$0.00
Water Distribution	\$200.00	\$200.00		\$0.00
Water Utility Safety	\$200.00	\$200.00		\$0.00
<b>Utility Charges/Rates</b>				
Addition to System Fee				
<i>Wastewater tap fees for all second connections and/or wastewater connections larger than six inches (6") are calculated on the total labor costs, transportation and equipment costs, materials and supplies costs, plus indirect and overhead costs for the connection.</i>				
<i>If the facility requiring wastewater service consist of more than fifteen living units (including, but not limited to apartments, motels, hotels, nursing homes, hospitals, etc.) or is of a commercial and/or industrial nature in excess of 4,000 square feet, a review by the Utility will be conducted to determine the need for a manhole in the sewer line. In the event that a manhole is required, the charge shall be calculated on a cost basis.</i>				
Industrial Waste Surcharge				
Surcharge unit charges in dollars per pound				
BOD	\$0.50	\$0.50	exact fee is 0.5043	\$0.00
COD	\$0.22	\$0.22	exact fee is 0.2242	\$0.00
Suspended Solids	\$0.11	\$0.11	exact fee is 0.1087	\$0.00
Meter Processing Fee				
<i>Fee for overhead costs of processing new meters for sale to other Utilities outside of the city. Cost of meter is not included in the fee.</i>				
Meters 3" to 6"	\$53.25	\$53.25	per meter	\$0.00
Meters less than 3"	\$6.75	\$6.75	per meter	\$0.00
Post-Annexation Water and Sewer Fees				
<i>Customers within the following areas pay an additional monthly post-annexation water and sewer rate as provided below:(1) The former Southland Oaks Municipal Utility District based on meter size - until November 6, 2021:</i>				
Meter Size				
5/8"	\$25.21	\$25.21		\$0.00
3/4"	\$37.82	\$37.82		\$0.00
1"	\$63.03	\$63.03		\$0.00
1 ¼"	\$78.15	\$78.15		\$0.00
1 ½"	\$126.05	\$126.05		\$0.00
2"	\$201.68	\$201.68		\$0.00
3"	\$378.15	\$378.15		\$0.00
4"	\$630.25	\$630.25		\$0.00
6"	\$1,260.50	\$1,260.50		\$0.00
8"	\$2,016.80	\$2,016.80		\$0.00

# FY 2016-17 Fee Schedule

Austin Water - Wastewater Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
10"	\$3,940.32	\$3,940.32		\$0.00
12" or larger	\$5,629.14	\$5,629.14		\$0.00
Private Fire Hydrant (PFH) Fee	\$28.08	\$28.08		\$0.00
<p><i>Annual fee that AW charges to its customers with private fire hydrants (PFHs) for the tracking of locations, testing, inspections, and maintenance of PFHs, as well as the tester's certifications and credentials. The requirement to inspect, test and maintain private hydrants is in Chapter 25-12 of the Austin City Code as described in § 25-12-172 (Local Amendments to International Fire Code - 508.5.3 Private Fire Service mains and water tanks). This annual inspection, testing and maintenance of PFHs must be done in accordance with the National Fire Protection Association (NFPA) 25 and American Water Works Association (AWWA) Manual M-17, Installation, Field Testing and Maintenance of Fire Hydrants. This annual inspection, testing and maintenance ensures PFHs will operate properly in emergency situations, identifies and helps quantify the amount of water lost due to leaking systems and misuse, and improves the City of Austin's mapping systems, assisting both the AWU and the Austin Fire Department (AFD). Fee is per private hydrant and is charged on a monthly basis at 1/12 of the annual fee during the month(s) the customer's account is active.</i></p>				
Service Extension Request with Administrative Approval				
Cost per acre served	\$8.00	\$8.00	per acre served	\$0.00
Maximum Charge	\$400.00	\$400.00		\$0.00
Minimum Charge	\$160.00	\$160.00		\$0.00
Service Extension Request with Council Approval				
Cost per acre served	\$32.00	\$32.00	No Maximum minimum	\$0.00
Maximum Charge	\$640.00	\$640.00		\$0.00
Minimum Charge	\$640.00	\$640.00		\$0.00
Wastewater Discharge from Boats on Lake Austin				
Fee per ten minutes of pumping. per 10 min	\$0.50	\$0.50		\$0.00
Wastewater Service Rates				
<p><i>For all bills and charges rendered on or after November 1, 2016 these rates are applicable to all service for wastewater treatment to retail customers served by the City of Austin. In the absence of measured sewage volume by a means acceptable to the City, the volume service charge for retail customers will be based on their wastewater average.</i></p>				

# FY 2016-17 Fee Schedule

Austin Water - Wastewater Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
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Wastewater Service Rates for Retail Customers:

Existing Customers:

(A) Retail Customers with Water Service

*These rates are applicable to all retail customers who have metered water connections. Wastewater billing is based on the average water usage during the designated three (3) month wastewater averaging period; or monthly water consumption, whichever is lower. If there is zero usage during one of the three months in the averaging period, the month with zero usage is eliminated, and the remaining two months are used in the wastewater averaging calculation. If there is zero usage for two or all three months of the averaging period, a default wastewater average of 5,000 gallons will be assigned for residential customers until the next wastewater averaging period. For all other retail customers if there is zero usage for two or all three months of the averaging period, the monthly wastewater volume will be based on actual metered water usage monthly until the next wastewater averaging period.*

(B) Wastewater Billing for Domestic Alternate Water Sources

*Wastewater volumes for Single Family Residential customers will be based on a historical wastewater average. In the absence of a historical wastewater average, the City will impute a wastewater average of 5,000 gallons. The customer has the option to install private water metering acceptable to the City to measure alternate water discharged into the sewer system and report meter reads as required. Non-residential customers must install approved private metering acceptable to the City to measure alternate water discharged into the sewer system and report meter reads as required.*

(C) Non-Residential Customers with associated Irrigation Meters (Multifamily, Commercial, Large Volume and Wholesale)

*For those non-residential customers that have a separate City of Austin irrigation water meter for irrigation or alternative irrigation water source on the property other than a water meter solely for a City Supported Community Garden or Urban Farm as defined in Chapter 14-7 of the City Code, the City will base wastewater billing for domestic usage on actual monthly water consumption. Any property that has an irrigation meter requirement will base wastewater billing for domestic usage on actual monthly water consumption.*

(D) Non Residential Customers without irrigation needs or requirements on the property

*Non Residential Customers without irrigation needs or requirements on the property will base wastewater billing for domestic usage on actual monthly water consumption.*

New Customers:

(A) Residential

The City will impute a wastewater average of 5,000 gallons to new residential accounts until they have established a wastewater average. The Director of the Austin Water Utility or the Director's designee has the discretion to adjust the 5,000 gallon average when the customer has had an established wastewater average at another City of Austin service address.

(B) Non-Residential Customers without irrigation meter(s) (Multifamily, Commercial, Large Volume and Wholesale)

(1) Except as provided by subsection (2), if a non-residential customer establishes a new account at a service location where an earlier account established a wastewater average, the City will use the earlier wastewater average for wastewater service billing purposes until the new account establishes its own wastewater average.

(2) If in the judgment of the Director of the Austin Water Utility or the Director's designee, the new customer will place a substantially different demand on the wastewater collection and treatment system, the City will bill the new non-residential customer for wastewater service based on actual metered water consumption until the new non-residential customer has established a wastewater average.

# FY 2016-17 Fee Schedule

<b>Austin Water - Wastewater Utility Operating Fund</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>Note</b>	<b>Change</b>
Retail Monthly Customer Charges:	\$10.30	\$10.30		\$0.00
Customer Assistance Program (CAP) customers may qualify for a waiver of the monthly customer charge.				
Customers will be assessed a retail monthly charge for each meter when water consumption has registered, or for service of at least 10 days of the monthly billing period.				
Volume Unit Charge				
All Volumes (Unit Cost Per 1,000 Gallons)				
Non-Residential:				
Commercial	\$9.26	\$9.48		\$0.22
Large Volume				
NXP Ed Bluestein (Formerly Freescale)	\$8.52	\$8.93		\$0.41
NXP W William Cannon (Formerly Freescale)				New
Novati	\$7.63	\$8.16		\$0.53
Samsung	\$7.89	\$8.28		\$0.39
Spansion	\$7.95	\$8.38		\$0.43
University of Texas	\$9.08	\$9.42		\$0.34
Multifamily	\$9.20	\$9.48		\$0.28
Residential				
Customer Assistance Program				
0 - 2,000 Gallons	\$4.90	\$5.30		\$0.40
2,001 - over Gallons	\$9.94	\$10.35		\$0.41
Single-Family Residential				
0 - 2,000 Gallons	\$4.90	\$5.30		\$0.40
2,001 - over Gallons	\$9.94	\$10.35		\$0.41

**Wastewater Service Rates for Wholesale Customers:**

(A) Application. For all bills and charges rendered on or after November 1, 2016, the City will charge the above rates for wholesale customers.

These charges are applicable to wholesale wastewater service customers of the City of Austin who are water districts, municipal utility districts, or other utilities which have metered water connections. In the absence of measured sewage volume by a means acceptable to the City, the volume service charge will be based on the average water usage during the designated three (3) month wastewater averaging period, or monthly water consumption, whichever is lower. If there is zero usage during one of the three months in the averaging period, the month with zero usage is eliminated, and the remaining two months are used in the wastewater averaging calculation. For new customers who have not established an average water usage during the December, January, and February billing period, the City will use the actual water consumption figure or the measured sewage volume to establish the wastewater billing.

(B) New Customers. The volume rate for any wholesale customer that is not listed above will be based on a weighted cost of service average of all Wholesale customers. That rate will remain in effect until the new customer establishes a full 12 month's consumption history. After that time, the Austin Water Utility will establish an individual rate and seek approval of that rate by the City Council.

# FY 2016-17 Fee Schedule

Austin Water - Wastewater Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
Wholesale Monthly Customer Charge <i>Customers will be assessed a wholesale monthly charge for each meter when water consumption has registered, or for service of at least 10 days of the monthly billing period.</i>	\$10.30	\$10.30		\$0.00
Monthly Minimum Charge North Austin MUD #1 <i>Effective 2/25/2016</i>		\$51.00		New
Northtown MUD <i>Effective 2/25/2016</i>		\$60.00		New
Wells Branch MUD - N.A.G.C. <i>Effective 2/25/2016</i>		\$51.00		New
Volume Unit Charge: All Volumes (Unit Cost Per 1,000 Gallons)				
Average Wholesale Wastewater Rate	\$5.66	\$5.66		\$0.00
Manor, City of	\$5.64	\$5.64	per 1,000 gallons	\$0.00
Mid-Tex Utilities(Avana Subdivision)	\$5.66	\$5.66	per 1,000 gallons	\$0.00
North Austin MUD #1	\$5.19	\$4.23	per 1,000 gallons	(\$0.96)
Northtown MUD	\$5.11	\$4.15	per 1,000 gallons	(\$0.96)
Rollingwood, City of	\$5.67	\$5.67	per 1,000 gallons	\$0.00
Shady Hollow MUD	\$5.73	\$5.73	per 1,000 gallons	\$0.00
Sunset Valley, City of	\$5.71	\$5.71	per 1,000 gallons	\$0.00
Travis Co. WCID #17 - Comanche Canyon	\$3.98	\$3.98	per 1,000 gallons	\$0.00
Travis Co. WCID #17-Steiner Ranch	\$3.80	\$3.80	per 1,000 gallons	\$0.00
Wells Branch MUD - N.A.G.C.	\$5.19	\$4.14	per 1,000 gallons	(\$1.05)
West Lake Hills, City of	\$5.68	\$5.68	per 1,000 gallons	\$0.00



# FY 2016-17 Fee Schedule

	FY 2015-16	FY 2016-17	Note	Change
<b>Austin Water - Reclaimed Water Utility Operating Fund</b>				
<b>Utility Charges/Rates</b>				
Reclaimed Water Rates	\$0.00	\$0.00		\$0.00
<i>For all bills and charges rendered on or after November 1, 2016, these rates are applicable to all sales or service of reclaimed water to retail customers served by the City of Austin. Customers will be assessed a monthly charge for each meter when water consumption has registered, or for service of at least 10 days of the monthly billing period.</i>				
<i>Reclaimed water used for domestic, cooling, or other non-irrigation purposes will be treated the same as potable water as it relates to wastewater billing.</i>				
Austin Energy Sandhill Power Plant				
<i>In April 2036, the fixed charge will end and the volumetric rate will revert to the system wide retail rate.</i>				
Monthly Fixed Capital Charge	\$10,690.00	\$10,690.00		\$0.00
Volume Unit Charge:	\$0.91	\$1.15		\$0.24
<i>All volumes (Unit Cost per 1,000 Gallons).</i>				
Monthly Customer Charges:				
Meter Size:				
5/8"	\$8.00	\$8.00		\$0.00
3/4"	\$9.00	\$9.00		\$0.00
1"	\$10.00	\$10.00		\$0.00
1 ¼"	\$12.00	\$12.00		\$0.00
1 ½"	\$14.00	\$14.00		\$0.00
2"	\$19.00	\$19.00		\$0.00
3"	\$31.00	\$31.00		\$0.00
4"	\$45.00	\$45.00		\$0.00
6"	\$84.00	\$84.00		\$0.00
8"	\$131.00	\$131.00		\$0.00
10"	\$186.00	\$186.00		\$0.00
12"	\$271.00	\$271.00		\$0.00
Parkland Reclaimed Water Rates:				
<i>Rates for reclaimed water use at City-owned parkland and golf courses.</i>				
Volume Unit Charge:				
All Volumes (Unit Cost Per 1,000 Gallons)	\$1.56	\$1.15		(\$0.41)
System-wide Volume Unit Charge:				
Mandatory Connections (Unit Cost Per 1,000 Gallons)	\$4.07	\$4.20		\$0.13
<i>New commercial developments or redevelopments within 250 feet of an existing main.</i>				
Non-Mandatory Connections (Unit Cost Per 1,000 Gallons)	\$2.19	\$2.41		\$0.22
<i>Customers with a site plan submitted prior to May 1, 2015, potable water conversion customers and customers with main extensions greater than 250 feet.</i>				