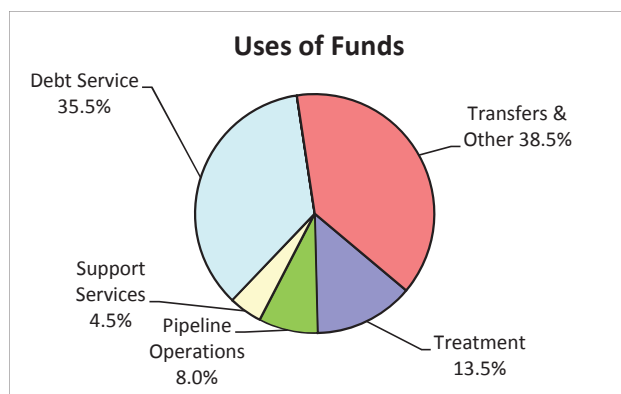
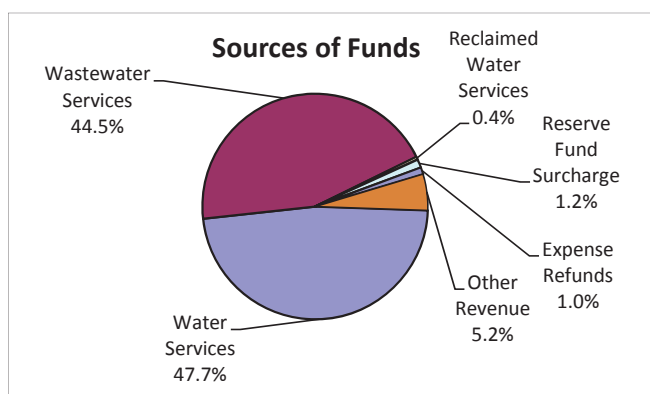


Austin Water



Budget Overview

	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
Water Utility Fund					
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
Wastewater Utility Fund					
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
Reclaimed Utility Fund					
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
Expense Refunds	\$851,687	\$5,257,987	\$5,336,367	\$5,879,586	\$6,121,475
Total Budget	\$514,701,704	\$509,253,105	\$541,528,343	\$542,388,550	\$577,691,838

Austin Water

Organization by Program and Activity for 2017

Engineering Services

Collection System Engineering
 Distribution System Engineering
 Facility Engineering

Environmental Affairs & Conservation

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

One Stop Shop

Inspection, Review, and Support

Other Utility Program Requirements

Other Utility Program Requirements

Pipeline Operations

Pipeline O&M Support
 Pipeline Wastewater Operations
 Pipeline Water Operations

Reclaimed Water Services

Reclaimed Water Services Support

Support Services

Departmental Support Services

Transfers and Other Requirements

Debt Transfers
 Interfund Transfers
 Other Requirements

Treatment

Process Engineering
 Treatment O&M Support
 Wastewater Operations
 Water Operations

Water Resources Management

Infrastructure Management
 Systems Planning
 Utility Development Services

Austin Water

Mission and Goals for 2017

Mission

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

Goals

Strengthen customer value and stakeholder 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%.

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.

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.

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.

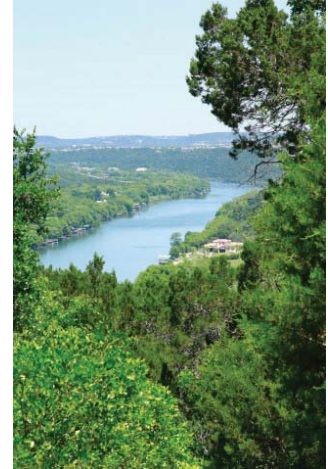
Ensure infrastructure stability and operational optimization:

- 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

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 ¹	Proposed 2017 Rates	\$ Variance	% Variance
Water Service ²	\$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:

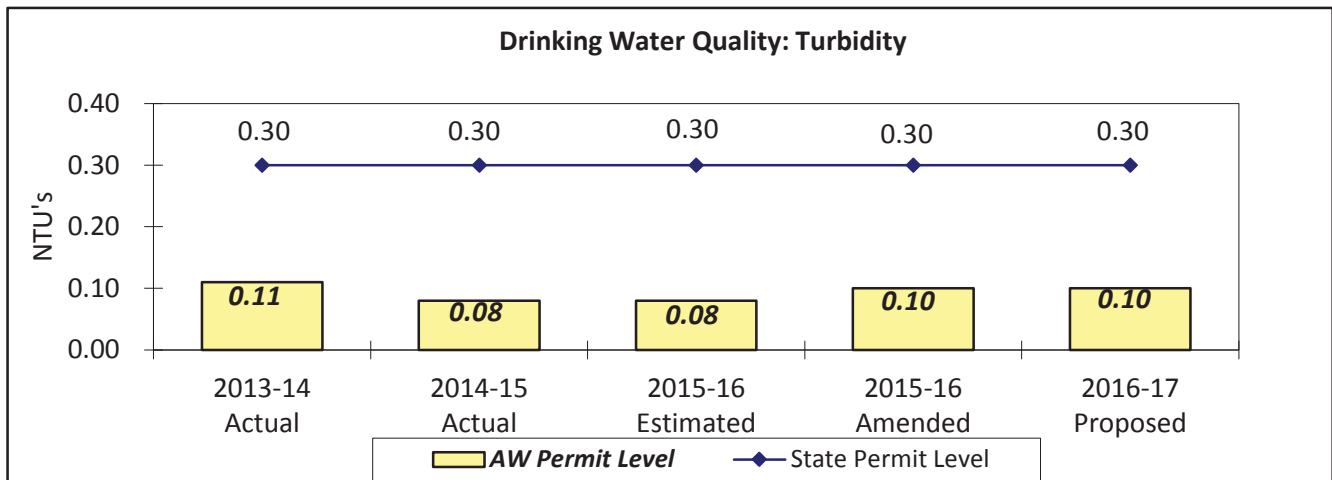
- Work related to the newly annexed Lost Creek and River Place package plants and water systems: 5.0
- Distribution system maintenance, small meter exchange program, and large meter testing: 4.0
- Supporting Supervisory Control and Data Acquisition for engineering system needs: 1.0
- Providing engineering 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.

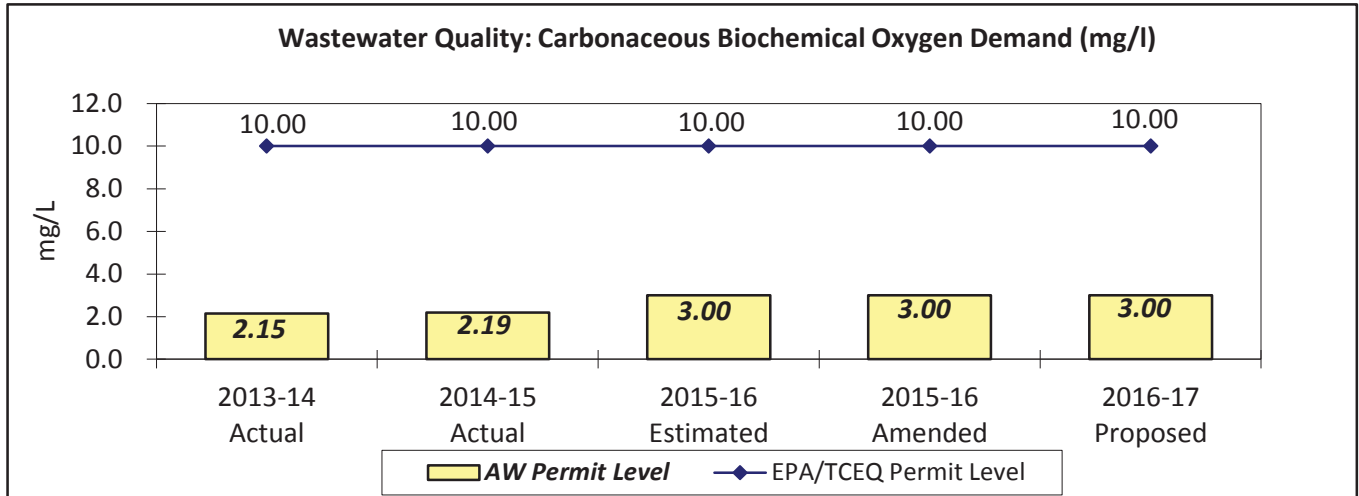
The current 5-year Capital Improvements Program (CIP) spending plan for FY 2017-21 is \$886.1 million. The emphasis is on replacement and rehabilitation of critical assets throughout the water and wastewater systems, which consist of horizontal assets (pipes, valves, etc.) and vertical assets (treatment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



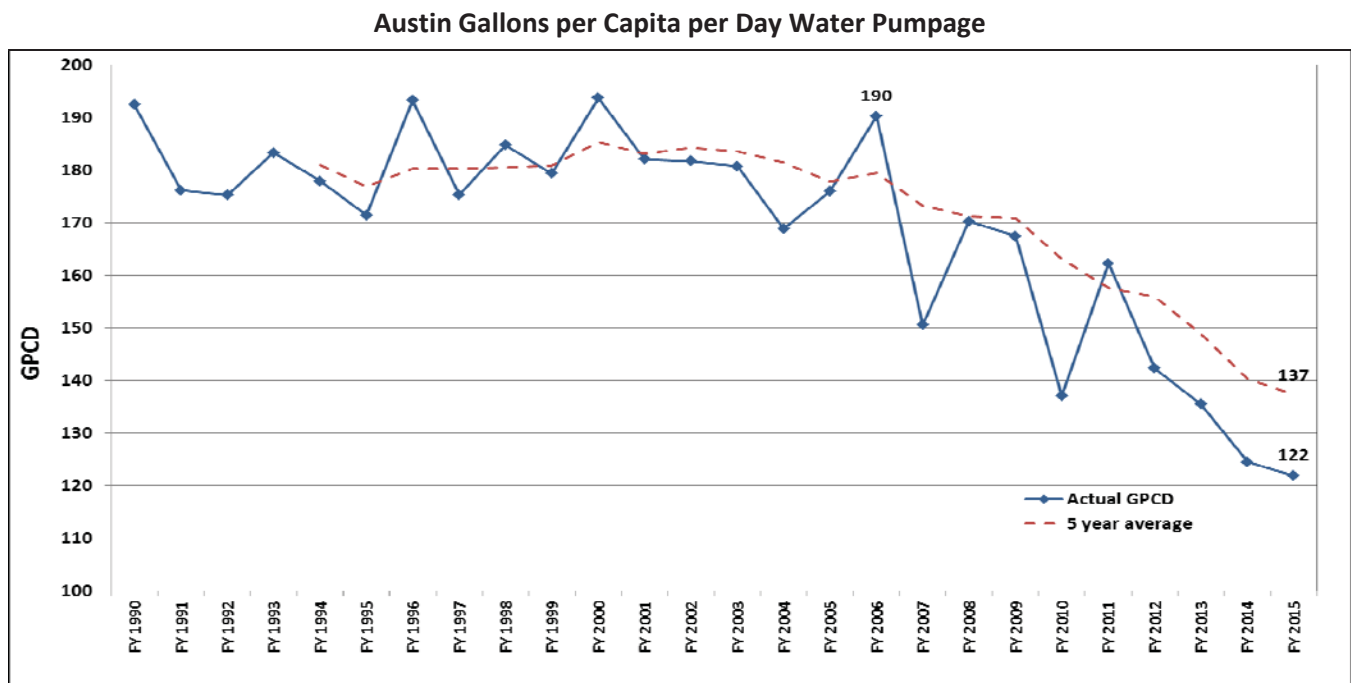
One way of assessing drinking water quality is to examine its turbidity, or the relative clarity of a liquid. Turbidity is measured in Nephelometric Turbidity Units (NTU) and it is an excellent measure of plant optimization to ensure maximum public health protection. NTUs of 1.0 or less generally are 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

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

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

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

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

Funding Sources

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

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

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

Revenue Changes	Dollars
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
Expenditure Changes	FTEs Dollars
Citywide Cost Drivers	
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
Department Cost Drivers		
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

Expenditure Changes	FTEs	Dollars
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
Vehicles and Equipment		
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
Water Infrastructure Improvements		
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
Reclaimed Water Infrastructure Improvements		
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
Wastewater Infrastructure Improvements		
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
Total New Appropriation		\$545,238,208

5 Year Budget Spending Plan by Utility and Project Type

Fiscal Years 2017 - 2021

Utility	Dept	FDU Project Type	1 FY 2017	2 FY 2018	3 FY 2019	4 FY 2020	5 FY 2021	Total
Reclaimed	2107	Reclaimed	150,000	625,000	1,620,000	1,570,000	560,000	\$ 4,525,000
		Relocation	20,000					\$ 20,000
		Water Reclamation Initiative	15,699,000	12,723,000	7,362,000	4,745,000	4,420,000	\$ 44,949,000
Reclaimed Total			\$ 15,869,000	\$ 13,348,000	\$ 8,982,000	\$ 6,315,000	\$ 4,980,000	\$ 49,494,000
Water	2207	Annexed Area	255,000	45,000	50,000	84,000	353,000	\$ 787,000
		Other	3,143,366	2,314,593	1,382,485	1,538,085	1,615,000	\$ 9,993,529
		Pump Station	4,085,901	4,946,849	6,723,800	7,148,680	5,400,000	\$ 28,305,230
		Rehabilitation	13,815,338	13,679,510	13,115,633	15,718,498	14,136,965	\$ 70,465,944
		Relocation	6,102,423	3,949,023	4,255,000	4,505,000	5,030,000	\$ 23,841,446
		Reservoir	5,020,000	5,080,000	6,280,000	8,260,000	8,910,000	\$ 33,550,000
		SER Reimbursements	2,687,089	4,015,000	25,000	25,000	25,000	\$ 6,777,089
		Transmission / Distribution	11,142,276	18,175,602	15,834,000	16,999,000	19,774,000	\$ 81,924,878
		Treatment Plant	32,787,992	34,079,814	29,780,570	15,100,000	10,665,000	\$ 122,413,376
		Vehicles and Equipment	923,000	1,176,000	1,176,000	1,400,000	1,400,000	\$ 6,075,000
Water Total			\$ 79,962,385	\$ 87,461,391	\$ 78,622,488	\$ 70,778,263	\$ 67,308,965	\$ 384,133,492
Wastewater	2307	Annexed Area	664,697	180,000	1,000,000	1,040,000	3,890,000	\$ 6,774,697
		Lift Station	3,996,565	7,322,044	6,362,600	5,974,120	4,875,000	\$ 28,530,329
		Other	3,403,500	2,497,670	1,807,500	1,335,000	1,645,000	\$ 10,688,670
		Rehabilitation	9,939,532	15,317,806	13,514,270	12,275,230	12,816,500	\$ 63,863,338
		Relocation	630,139	605,521	1,545,000	1,545,000	2,045,000	\$ 6,370,660
		SER Reimbursements	2,702,661	350,000	2,235,291	2,025,000	2,825,000	\$ 10,137,952
		Treatment Plant	26,021,000	54,000,000	56,462,000	49,280,000	38,312,000	\$ 224,075,000
		Vehicles and Equipment	3,153,000	1,176,000	1,176,000	1,400,000	1,400,000	\$ 8,305,000
Wastewater Total			\$ 69,066,781	\$ 103,504,122	\$ 103,855,771	\$ 93,677,650	\$ 82,324,700	\$ 452,429,024
Total Utility			\$ 164,898,166	\$ 204,313,513	\$ 191,460,259	\$ 170,770,913	\$ 154,613,665	\$ 886,056,516

5 Year Proposed Spending Plan Budget - FY 2017 through 2021

Detail by Utility, Department, and FDU Project Type

SPID	Utility	Subproject Name	Funding Type	Fund	Dept	Unit	FDU Project Type	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
3212.137	Reclaimed	TxDOT Utility Relocation:SH 71: East of US 183 to Onion Crk-Toll Road	Debt	3990	2107	4109	Relocation	20,000	-	-	-	-	\$ 20,000
Total - Pump Station								\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000
5267.016	Reclaimed	Future Reclaimed Water Tank Site Purchases	Debt	PLAN	2107	P178	Water Reclamation Initiative	-	-	-	-	-	\$ -
5267.025	Reclaimed	Onion Creek Reclaimed Water Main Phase 1	SWIFT	4010	2107	4121	Water Reclamation Initiative	430,000	1,155,000	1,835,000	1,610,000	-	\$ 5,030,000
5267.034	Reclaimed	Mains to Capitol Complex/Aust Independent School District	Debt	3990	2107	4100	Water Reclamation Initiative	2,167,000	480,000	-	-	-	\$ 2,647,000
5267.035	Reclaimed	Montopolis Reclaimed Water Reservoir and Pump Station	SWIFT	3990	2107	4102	Water Reclamation Initiative	4,765,000	4,695,000	1,050,000	120,000	-	\$ 10,630,000
5267.036	Reclaimed	Burleson Road Reclaimed Water Pressure Conversion	SWIFT	3990	2107	4104	Water Reclamation Initiative	3,440,000	1,360,000	240,000	-	-	\$ 5,040,000
5267.037	Reclaimed	Cemetery Reclaimed Water Main	SWIFT	PLAN	2107	P002	Water Reclamation Initiative	150,000	625,000	1,620,000	1,570,000	560,000	\$ 4,525,000
5267.038	Reclaimed	Lady Bird Lake North Reclaimed Water Main	Debt	PLAN	2107	P003	Water Reclamation Initiative	-	-	-	100,000	790,000	\$ 890,000
5267.040	Reclaimed	West 6th Street (San Antonio to Mopac) Reclaimed Water Main	Debt	PLAN	2107	P179	Water Reclamation Initiative	-	-	-	-	110,000	\$ 110,000
5267.041	Reclaimed	Oltorf Road Reclaimed Water Main Phase 1 (Montopolis Drive to Parker Lane)	Debt	PLAN	2107	P180	Water Reclamation Initiative	-	-	100,000	700,000	1,500,000	\$ 2,300,000
5267.042	Reclaimed	Oltorf Road Reclaimed Water Main Phase 2 (Parker Lane to S. Congress)	Debt	PLAN	2107	P181	Water Reclamation Initiative	-	-	-	380,000	440,000	\$ 820,000
5267.044	Reclaimed	Barton Springs Rd/S Congress Reclaimed Water Main	Debt	PLAN	2107	P183	Water Reclamation Initiative	-	-	-	100,000	310,000	\$ 410,000
5267.046	Reclaimed	Main to Junction 420 (Downtown Area)	Debt	3990	2107	4103	Water Reclamation Initiative	3,252,000	808,000	-	-	-	\$ 4,060,000
5267.049	Reclaimed	Decker Lane Reclaimed Water Main Phase 1	SWIFT	3990	2107	4112	Water Reclamation Initiative	800,000	2,755,000	2,402,000	300,000	-	\$ 6,257,000
5267.052	Reclaimed	Indirect Potable Reuse Pumping and Treatment Improvements	Debt	PLAN	2107	P187	Water Reclamation Initiative	-	-	-	-	150,000	\$ 150,000
5267.061	Reclaimed	Onion Creek Reclaimed Water Main Phase 2	SWIFT	PLAN	2107	P015	Water Reclamation Initiative	-	-	95,000	435,000	1,120,000	\$ 1,650,000
5267.062	Reclaimed	Krieg Fields Reclaimed Water Line – Permanent Restoration - FEMA	Cash	4010	2107	4119	Water Reclamation Initiative	180,000	80,000	-	-	-	\$ 260,000
6319.007	Reclaimed	Fallwell Lane Realignment and Utility Improvements	Debt	3990	2107	4117	Water Reclamation Initiative	665,000	1,390,000	1,640,000	1,000,000	-	\$ 4,695,000
Total - Water Reclamation Initiative								\$ 15,849,000	\$ 13,348,000	\$ 8,982,000	\$ 6,315,000	\$ 4,980,000	\$ 49,474,000
Total - Reclaimed								\$ 15,869,000	\$ 13,348,000	\$ 8,982,000	\$ 6,315,000	\$ 4,980,000	\$ 49,494,000
4857.029	Water	Annexation Telemetry-River Place MUD & Lost Creek MUD	Debt	3960	2207	6484	Annexed Area	250,000	-	-	-	-	\$ 250,000
4857.030	Water	Shady Hollow Annexation	Cash	PLAN	2207	P061	Annexed Area	5,000	45,000	50,000	84,000	253,000	\$ 437,000
4857.031	Water	Annexation Projects Future Program	Debt	PLAN	2207	P255	Annexed Area	-	-	-	-	100,000	\$ 100,000
Total - Annexed Area								\$ 255,000	\$ 45,000	\$ 50,000	\$ 84,000	\$ 353,000	\$ 787,000
757.007	Water	Waller Creek Center Improvements Program (Thru FY16)	Cash	3920	2207	7917	Other	-	40,000	-	40,000	-	\$ 80,000
757.007	Water	Waller Creek Center Improvements Program (Thru FY16)	Cash	3920	2207	7920	Other	-	40,000	-	-	-	\$ 40,000
757.007	Water	Waller Creek Center Improvements Program (Thru FY16)	Cash	3920	2207	7927	Other	190,000	137,000	85,000	100,000	40,000	\$ 552,000
757.008	Water	Webberville Service Center Improvements Program (Thru FY16)	Cash	3920	2207	7928	Other	277,500	45,000	125,000	-	30,000	\$ 477,500
757.009	Water	Glen Bell Service Center Improvements Program (Thru FY16)	Cash	3920	2207	7083	Other	-	25,000	100,000	-	-	\$ 125,000
757.009	Water	Glen Bell Service Center Improvements Program (Thru FY16)	Cash	PLAN	2207	P295	Other	50,000	198,170	225,000	90,000	150,000	\$ 713,170
757.010	Water	Timothy Louviere Service Center Improvements Program (Thru FY16)	Cash	3920	2207	6172	Other	52,000	-	-	-	-	\$ 52,000
757.012	Water	North Service Center Improvements Program (Thru FY16)	Cash	PLAN	2207	P025	Other	-	-	-	-	125,000	\$ 125,000
757.012	Water	North Service Center Improvements Program (Thru FY16)	Cash	PLAN	2207	P296	Other	-	30,000	80,000	40,000	150,000	\$ 300,000
757.028	Water	Building Facilities Future Program	Cash	PLAN	2207	P294	Other	250,000	250,000	-	-	-	\$ 500,000

5 Year Proposed Spending Plan Budget - FY 2017 through 2021

Detail by Utility, Department, and FDU Project Type

SPID	Utility	Subproject Name	Funding				FDU Project Type	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
			Type	Fund	Dept	Unit							
757.029	Water	Waller Creek Center - Tenth Floor Renovation	Cash	PLAN	2207	P211	Other	-	-	-	-	25,000	\$ 25,000
757.037	Water	Waller Creek Center - Curtain Wall	Cash	3920	2207	6509	Other	200,000	-	-	-	-	\$ 200,000
757.039	Water	Webberville Service Center-Tech Shop Replacement	Cash	PLAN	2207	P267	Other	40,000	5,000	-	-	-	\$ 45,000
3159.003	Water	Laboratory Information Management System	Cash	3920	2207	7993	Other	132,000	25,000	25,000	25,000	25,000	\$ 232,000
3159.010	Water	Pipeline Computerized Maintenance Management System Upgrade	Cash	3920	2207	7066	Other	100,000	150,000	75,000	75,000	50,000	\$ 450,000
3159.011	Water	Facility Computerized Maintenance Management System Upgrade	Cash	3920	2207	7086	Other	25,000	50,000	25,000	50,000	25,000	\$ 175,000
3159.012	Water	Geographic Information Systems Technology Improvements	Cash	3920	2207	7065	Other	148,000	137,500	117,500	100,000	125,000	\$ 628,000
3159.016	Water	Storage Systems, PC's, Laptops, and Server Replacement	Cash	3920	2207	7072	Other	200,000	150,000	150,000	150,000	150,000	\$ 800,000
3159.017	Water	Router, Switch Replacement, and Disaster Recovery	Cash	3920	2207	7069	Other	100,000	15,000	100,000	15,000	100,000	\$ 330,000
3159.021	Water	Mobile Workforce	Cash	3920	2207	7087	Other	250,000	250,000	100,000	50,000	50,000	\$ 700,000
3159.023	Water	AW Telecommunications System Upgrade Study	Cash	PLAN	2207	P062	Other	125,000	-	-	-	-	\$ 125,000
3257.001	Water	Water Laboratory	Debt	3960	2207	7931	Other	-	-	50,000	200,000	270,000	\$ 520,000
4953.015	Water	Water Quality Protection Land Fencing Improvements	Cash	3920	2207	7795	Other	189,866	141,923	124,985	153,085	300,000	\$ 909,859
4953.020	Water	Rutherford Ranch Road Renewal	Cash	3920	2207	7085	Other	-	-	-	450,000	-	\$ 450,000
4953.021	Water	Walk for a Day Trail Routing Study	Cash	3920	2207	7079	Other	-	50,000	-	-	-	\$ 50,000
4953.023	Water	Balcones Canyonlands Preserve (BCP) Property Improvements	Cash	3920	2207	7082	Other	-	125,000	-	-	-	\$ 125,000
4953.028	Water	Tabor Dam Removal	Cash	PLAN	2207	P290	Other	50,000	100,000	-	-	-	\$ 150,000
6621.010	Water	SCADA Cyber Security Remediation	Cash	3920	2207	6462	Other	340,000	350,000	-	-	-	\$ 690,000
6621.012	Water	Pump Stations/Reservoirs and South Service Center Security System Upgrade	Cash	3920	2207	7198	Other	100,000	-	-	-	-	\$ 100,000
6621.018	Water	Waller Creek, Webberville, Glen Bell Physical Security Technology Update	Cash	3920	2207	6532	Other	74,000	-	-	-	-	\$ 74,000
6659.002	Water	Cost of Service Rate Study	Cash	3920	2207	6506	Other	250,000	-	-	-	-	\$ 250,000
Total - Other								\$ 3,143,366	\$ 2,314,593	\$ 1,382,485	\$ 1,538,085	\$ 1,615,000	\$ 9,993,529
2006.001	Water	Pump Station Improvements Future Program	Debt	PLAN	2207	P250	Pump Station	-	-	-	-	500,000	\$ 500,000
2006.006	Water	Water Distribution & Lift Station SCADA Improvements Phase I	Cash	3920	2207	7207	Pump Station	572,316	-	-	-	-	\$ 572,316
2006.007	Water	Retired Pump Stations Decommissioning Future Program	Cash	3920	2207	7208	Pump Station	-	100,000	300,000	-	-	\$ 400,000
2006.018	Water	Retired Facility Decommissioning Phase B	Cash	3920	2207	7989	Pump Station	580,000	-	-	-	-	\$ 580,000
2006.019	Water	Pressure Point Improvements	Debt	3960	2207	6425	Pump Station	300,000	283,049	-	-	-	\$ 583,049
2006.020	Water	Lookout Lane Pump Station Improvements	Debt	3960	2207	6426	Pump Station	400,000	500,000	-	-	-	\$ 900,000
2006.022	Water	East Austin Pump Station Improvements	Debt	3960	2207	6435	Pump Station	411,028	-	-	-	-	\$ 411,028
2006.023	Water	Guildford Cove Pump Station Improvements	Cash	PLAN	2207	P241	Pump Station	50,000	200,000	150,000	500,000	-	\$ 900,000
2006.024	Water	Glenlake Pump Station Decommissioning	Cash	3920	2207	6584	Pump Station	300,000	-	-	-	-	\$ 300,000
2006.026	Water	Howard Lane Pump Station Improvements	Debt	3960	2207	6472	Pump Station	100,957	-	-	-	-	\$ 100,957
2006.027	Water	Water Distribution & Lift Station SCADA Improvements Phase II	Cash	PLAN	2207	P253	Pump Station	531,600	1,633,800	1,783,800	958,680	-	\$ 4,907,880
2006.029	Water	Jollyville and East Austin Pump Stations Instrumentation & Controls Rehab	Debt	3960	2207	6508	Pump Station	250,000	250,000	-	-	-	\$ 500,000
2006.030	Water	South Service Center HVAC Rehab	Cash	3920	2207	6593	Pump Station	200,000	-	-	-	-	\$ 200,000
2006.032	Water	Davis Lane Pump Station Resiliency Improvements	Cash	PLAN	2207	P283	Pump Station	-	-	-	-	50,000	\$ 50,000
2056.004	Water	Water Distribution SCADA - Energy & Water Quality Management Phase I	Cash	PLAN	2207	P293	Pump Station	360,000	1,960,000	2,200,000	2,350,000	-	\$ 6,870,000
2056.005	Water	Water Distribution SCADA - Energy & Water Quality Management Phase II	Cash	PLAN	2207	P044	Pump Station	-	-	320,000	500,000	1,260,000	\$ 2,080,000

5 Year Proposed Spending Plan Budget - FY 2017 through 2021

Detail by Utility, Department, and FDU Project Type

SPID	Utility	Subproject Name	Funding Type	Fund	Dept	Unit	FDU Project Type	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
2127.012	Water	North Austin Reservoir & Pump Station Improvements	Debt	3960	2207	6823	Pump Station	30,000	20,000	1,970,000	2,740,000	2,860,000	\$ 7,620,000
3159.024	Water	South First Service Center Centralized Treatment Program Control Center	Cash	PLAN	2207	P218	Pump Station	-	-	-	100,000	730,000	\$ 830,000
Total - Pump Station								\$ 4,085,901	\$ 4,946,849	\$ 6,723,800	\$ 7,148,680	\$ 5,400,000	\$ 28,305,230
2231.065	Water	Water & Wastewater Misc Renewal Program-Austin Water Crews	Cash	PLAN	2207	P308	Rehabilitation	50,000	50,000	25,000	25,000	25,000	\$ 175,000
2231.093	Water	Southwest Allandale Neighborhood Water System Upgrades	Debt	3960	2207	6389	Rehabilitation	-	-	332,661	1,438,273	609,578	\$ 2,380,512
2231.094	Water	Austin Heights Neighborhood Water System Upgrades	Debt	3960	2207	6388	Rehabilitation	1,115,000	-	-	-	-	\$ 1,115,000
2231.109	Water	East Allandale White Rock Neighborhood Water System Renewal	Debt	3960	2207	6577	Rehabilitation	275,000	278,500	1,438,000	614,080	5,000	\$ 2,610,580
2231.126	Water	Waterline On-Call Services	Cash	3920	2207	6466	Rehabilitation	2,000,000	500,000	-	-	-	\$ 2,500,000
2231.134	Water	Palma Plaza Wastewater Reroute	Debt	PLAN	2207	P011	Rehabilitation	-	-	350,000	945,000	235,000	\$ 1,530,000
2231.157	Water	Elroy Rd Water Rehabilitation Ph 3 - FM 812 Maha Loop Water Rehab	Debt	3960	2207	7632	Rehabilitation	124,066	-	-	-	-	\$ 124,066
2231.159	Water	Plaza Saltillo Water Rehabilitation Phase 1	Debt	3960	2207	7036	Rehabilitation	69,000	1,265,000	276,000	7,000	-	\$ 1,617,000
2231.162	Water	NW Brentwood - Karen and Payne Area - Neighborhood Water System Upgrades	Debt	3960	2207	6386	Rehabilitation	2,094,000	25,000	-	-	-	\$ 2,119,000
2231.181	Water	East Austin Wastewater Line Improvements	Debt	3960	2207	7039	Rehabilitation	175,750	175,750	-	-	-	\$ 351,500
2231.185	Water	Plaza Saltillo Water Rehabilitation Phase 2	Debt	3960	2207	7037	Rehabilitation	1,654,000	744,000	-	-	-	\$ 2,398,000
2231.192	Water	SE Allandale Neighborhood Water and Wastewater Improvements	Debt	3960	2207	6384	Rehabilitation	2,080,392	341,557	-	-	-	\$ 2,421,949
2231.207	Water	Miscellaneous Water Rehabilitation 2010-11 Phase A	Debt	3960	2207	7655	Rehabilitation	207,850	-	-	-	-	\$ 207,850
2231.216	Water	Nelray and Evans Utility Improvements	Debt	3960	2207	6351	Rehabilitation	167,500	-	-	-	-	\$ 167,500
2231.217	Water	UT Campus Area Utility Improvements	Debt	3960	2207	7035	Rehabilitation	-	-	15,000	215,000	50,000	\$ 280,000
2231.218	Water	Water Pipeline Renewal Future Program	Debt	PLAN	2207	P045	Rehabilitation	-	-	-	1,900,000	2,018,000	\$ 3,918,000
2231.220	Water	Water Pipeline Renewal Future Program-AW Crews	Debt	PLAN	2207	P023	Rehabilitation	-	1,014,011	1,401,000	1,170,000	1,670,000	\$ 5,255,011
2231.233	Water	NE Brentwood / Arcadia Street Neighborhood Water System Upgrades	Debt	PLAN	2207	P077	Rehabilitation	70,000	994,750	1,232,250	-	-	\$ 2,297,000
2231.234	Water	North Rosedale / Lawnmont Neighborhood Water System Upgrades	Debt	PLAN	2207	P085	Rehabilitation	136,000	940,800	839,000	10,000	-	\$ 1,925,800
2231.235	Water	SW Brentwood (Houston St. Area) Neighborhood Water System Upgrades	Debt	PLAN	2207	P208	Rehabilitation	-	84,923	215,846	905,845	1,553,385	\$ 2,759,999
2231.236	Water	Morrow and Gault Water & Wastewater Line Renewal	Debt	3960	2207	6583	Rehabilitation	535,000	220,000	166,000	2,626,500	1,150,000	\$ 4,697,500
2231.237	Water	Exposition Blvd (W. 35th to Enfield) Water & Wastewater Line Renewal	Debt	3960	2207	6392	Rehabilitation	679,691	2,247,000	-	-	-	\$ 2,926,691
2231.238	Water	Bryker Woods Neighborhood Water And Wastewater Upgrades	Debt	3960	2207	6393	Rehabilitation	105,000	621,000	1,515,000	10,000	-	\$ 2,251,000
2231.239	Water	Tarrytown-Hillview-Clearview Area Neighborhood Water System Upgrades	Debt	PLAN	2207	P223	Rehabilitation	-	-	30,384	157,987	1,168,087	\$ 1,356,458
2231.240	Water	Old Enfield-Niles-Newfield Area Neighborhood Water System Upgrades	Debt	PLAN	2207	P224	Rehabilitation	-	-	-	136,029	136,029	\$ 272,058
2231.241	Water	Prado Street Water Line Replacement	Debt	3960	2207	6396	Rehabilitation	136,000	-	-	-	-	\$ 136,000
2231.242	Water	Allen Street Water Line Replacement	Debt	3960	2207	6397	Rehabilitation	10,000	135,000	-	-	-	\$ 145,000
2231.243	Water	Bengston and Kay Streets Water Line Replacement	Debt	3960	2207	6398	Rehabilitation	10,000	196,000	-	-	-	\$ 206,000
2231.244	Water	Cherico/Sellers Water Line Replacement	Debt	3960	2207	6399	Rehabilitation	10,000	122,000	-	-	-	\$ 132,000
2231.245	Water	Rosewood Avenue (Navasota to Hargrave) Water Line Replacement	Debt	PLAN	2207	P235	Rehabilitation	-	174,887	111,292	1,290,784	330,886	\$ 1,907,849
2231.246	Water	Kellam Road Water Line Replacement	Debt	PLAN	2207	P236	Rehabilitation	-	55,000	42,000	590,000	11,000	\$ 698,000
2231.248	Water	Garwood Street Water Line Replacement	Debt	3960	2207	6416	Rehabilitation	10,000	168,000	-	-	-	\$ 178,000
2231.250	Water	Marathon Blvd, 42nd, 45th Streets Water Line Replacement	Debt	3960	2207	6430	Rehabilitation	100,000	-	-	-	-	\$ 100,000
2231.252	Water	Thames Drive Water Line Replacement	Debt	3960	2207	6441	Rehabilitation	72,000	-	-	-	-	\$ 72,000
2231.254	Water	Catalina Dr Water Line Improvements	Debt	3960	2207	6475	Rehabilitation	60,000	-	-	-	-	\$ 60,000

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Detail by Utility, Department, and FDU Project Type

SPID	Utility	Subproject Name	Funding Type	Fund	Dept	Unit	FDU Project Type	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
2231.255	Water	Oakmont Blvd Water Line Improvements-Construction Rehab Services (CRS)	Debt	3960	2207	6476	Rehabilitation	225,000	185,000	70,000	-	-	\$ 480,000
2231.256	Water	Arroyo Seco Water Line Improvements	Debt	3960	2207	6477	Rehabilitation	10,000	20,000	-	-	-	\$ 30,000
2231.258	Water	Hartford Rd Water Line Improvements	Debt	3960	2207	6482	Rehabilitation	252,514	5,000	77,000	-	-	\$ 334,514
2231.259	Water	Delwood Dr Water Line Replacement	Debt	3960	2207	6483	Rehabilitation	95,000	10,000	122,000	-	-	\$ 227,000
2231.260	Water	Jim Hogg Ave to Arroyo Seco Water Line and Service Replacement	Debt	3960	2207	6485	Rehabilitation	46,000	-	-	-	-	\$ 46,000
2231.269	Water	Sunset Lane Water Line Extension	Debt	3960	2207	6504	Rehabilitation	26,000	-	-	-	-	\$ 26,000
2231.273	Water	West Allandale and Trailridge Drive Line Renewal	Debt	3960	2207	6531	Rehabilitation	171,000	541,332	1,357,200	177,000	-	\$ 2,246,532
2231.277	Water	Oakhurst Avenue Waterline Rehabilitation	Debt	3960	2207	6542	Rehabilitation	22,000	-	-	-	-	\$ 22,000
2231.279	Water	Waterline On-Call Services Future Program	Debt	PLAN	2207	P282	Rehabilitation	-	1,500,000	2,000,000	2,000,000	2,000,000	\$ 7,500,000
2231.281	Water	Hyde Park Water System Upgrades	Debt	PLAN	2207	P305	Rehabilitation	-	-	500,000	500,000	2,100,000	\$ 3,100,000
5309.005	Water	South Central Area Polybutylene Service Replacements	Cash	3920	2207	7625	Rehabilitation	-	-	-	-	75,000	\$ 75,000
5309.006	Water	Water Services Replacement Program IDIQ	Debt	3960	2207	6550	Rehabilitation	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$ 5,000,000
5873.031	Water	Barton Springs Rd. Bridge over Barton Creek	Cash	3920	2207	6570	Rehabilitation	21,575	65,000	-	-	-	\$ 86,575
Total - Rehabilitation								\$ 13,815,338	\$ 13,679,510	\$ 13,115,633	\$ 15,718,498	\$ 14,136,965	\$ 70,465,944
3212.006	Water	Miscellaneous Pavement Improvements	Cash	3920	2207	7526	Relocation	30,000	30,000	30,000	30,000	30,000	\$ 150,000
3212.124	Water	Water Pipeline Relocations Future Program	Debt	PLAN	2207	P191	Relocation	-	1,900,000	3,225,000	2,875,000	2,750,000	\$ 10,750,000
3212.126	Water	Water Pipeline Relocation Future Program-AW Crews	Debt	PLAN	2207	P194	Relocation	-	1,000,000	1,000,000	1,600,000	2,250,000	\$ 5,850,000
3212.128	Water	TxDOT Utility Relocation: SH 71(W): SW Pkwy to US 290	Debt	3960	2207	6353	Relocation	25,000	-	-	-	-	\$ 25,000
3212.131	Water	Travis Cnty Util Relo: Frate Barker: Brodie Ln to Manchaca Rd	Debt	3960	2207	6934	Relocation	110,000	-	-	-	-	\$ 110,000
3212.133	Water	Travis County Utility Relocation: FM 969 (Phase I): Decker Lane to FM 973	Cash	3920	2207	6468	Relocation	488,275	-	-	-	-	\$ 488,275
3212.136	Water	TxDOT Utility Relocation: US 183 Bergstrom Exprwy (US 290 to SH 71)	Cash	3920	2207	6421	Relocation	660,294	147,604	-	-	-	\$ 807,898
3212.137	Water	TxDOT Utility Relocation:SH 71: East of US 183 to Onion Crk-Toll Road	Debt	3960	2207	6428	Relocation	30,000	-	-	-	-	\$ 30,000
3212.140	Water	TXDOT - IH 35 Water Line Relocation	Debt	3960	2207	6513	Relocation	52,000	-	-	-	-	\$ 52,000
3212.140	Water	TXDOT - IH 35 Water Line Relocation	Debt	3960	2207	6564	Relocation	19,000	-	-	-	-	\$ 19,000
3212.140	Water	TXDOT - IH 35 Water Line Relocation	Debt	3960	2207	6565	Relocation	246,000	17,000	-	-	-	\$ 263,000
3212.141	Water	TXDOT-Loop 1 Water Line Relocation: Davis Lane to La Crosse Avenue	Debt	3960	2207	6514	Relocation	226,500	-	-	-	-	\$ 226,500
3212.143	Water	Readjustment of Water Line Appurtenances on Slaughter Lane	Cash	3920	2207	6538	Relocation	24,986	16,657	-	-	-	\$ 41,643
3212.144	Water	Relocation of Water Line and Appurtenances on Neenah Road	Cash	3920	2207	6539	Relocation	38,004	9,502	-	-	-	\$ 47,506
3212.146	Water	Forest North, Pearson Ranch, Bayswater Gardens, Lakeline Blvd W&WW Lines	Cash	3920	2207	6545	Relocation	93,065	62,043	-	-	-	\$ 155,108
3212.146	Water	Forest North, Pearson Ranch, Bayswater Gardens, Lakeline Blvd W&WW Lines	Cash	3920	2207	6546	Relocation	14,381	9,588	-	-	-	\$ 23,969
3212.146	Water	Forest North, Pearson Ranch, Bayswater Gardens, Lakeline Blvd W&WW Lines	Cash	3920	2207	6547	Relocation	16,863	11,242	-	-	-	\$ 28,105
3212.146	Water	Forest North, Pearson Ranch, Bayswater Gardens, Lakeline Blvd W&WW Lines	Debt	3960	2207	6544	Relocation	474,720	316,480	-	-	-	\$ 791,200
3212.147	Water	Forest North Phase 2 Water and Wastewater Line Relo	Cash	3920	2207	6569	Relocation	468,868	-	-	-	-	\$ 468,868
3212.148	Water	Pond Springs Road Water and Wastewater Lines and Appurtenance Relocation	Cash	PLAN	2207	P302	Relocation	66,375	41,250	-	-	-	\$ 107,625
3212.149	Water	Anderson Mill Zone Water Line Relocation	Cash	PLAN	2207	P300	Relocation	150,876	93,765	-	-	-	\$ 244,641
5403.003	Water	Rio Grande St. Reconstruction and Utility Adjustment from 24th to 29th St.	Debt	3960	2207	7573	Relocation	556,000	131,000	-	-	-	\$ 687,000
5873.012	Water	Red Bud Trail Bridge over Lady Bird Lake	Debt	3960	2207	6367	Relocation	43,313	-	-	-	-	\$ 43,313
6961.002	Water	Colorado St. Reconstruction and Utility Adjustments from 7th St to 10th St	Debt	3960	2207	7468	Relocation	256,000	40,000	-	-	-	\$ 296,000

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Detail by Utility, Department, and FDU Project Type

SPID	Utility	Subproject Name	Funding Type	Fund	Dept	Unit	FDU Project Type	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
7678.001	Water	Justin Lane from Burnet to Lamar	Debt	3960	2207	6440	Relocation	2,011,903	122,892	-	-	-	\$ 2,134,795
Total - Relocation								\$ 6,102,423	\$ 3,949,023	\$ 4,255,000	\$ 4,505,000	\$ 5,030,000	\$ 23,841,446
2127.001	Water	Reservoir Improvements Future Program	Cash	PLAN	2207	P251	Reservoir	-	1,000,000	2,500,000	2,500,000	2,500,000	\$ 8,500,000
2127.003	Water	Forest Ridge Reservoir Access Road	Debt	3960	2207	7209	Reservoir	100,000	500,000	-	-	-	\$ 600,000
2127.012	Water	North Austin Reservoir & Pump Station Improvements	Debt	3960	2207	6822	Reservoir	970,000	980,000	2,530,000	3,260,000	4,140,000	\$ 11,880,000
2127.016	Water	Southwest Parkway SWB Elevated Reservoir	Cash	PLAN	2207	P028	Reservoir	-	-	-	-	250,000	\$ 250,000
2127.017	Water	Loop 360 Elevated Tank	Cash	PLAN	2207	P002	Reservoir	-	-	-	-	20,000	\$ 20,000
2127.028	Water	Reservoir Improvements Consultant	Debt	3960	2207	6520	Reservoir	700,000	600,000	-	-	-	\$ 1,300,000
2127.030	Water	Lost Creek Reservoirs Improvements Project	Debt	3960	2207	6517	Reservoir	1,000,000	-	-	-	-	\$ 1,000,000
2127.034	Water	Four Points Elevated Tank Improvements	Debt	3960	2207	6560	Reservoir	2,200,000	-	-	-	-	\$ 2,200,000
2127.035	Water	Leuthan Lane Tank Improvements	Cash	3920	2207	6573	Reservoir	-	1,500,000	-	-	-	\$ 1,500,000
2127.036	Water	Aquifer Storage & Recovery (ASR) Pilot	Cash	PLAN	2207	P313	Reservoir	50,000	500,000	1,250,000	2,500,000	2,000,000	\$ 6,300,000
Total - Reservoir								\$ 5,020,000	\$ 5,080,000	\$ 6,280,000	\$ 8,260,000	\$ 8,910,000	\$ 33,550,000
3353.028	Water	Wild Horse Ranch	Debt	3960	2207	2023	SER Reimbursements	-	3,600,000	-	-	-	\$ 3,600,000
3353.079	Water	Ridgeview Subdivision	Debt	3960	2207	2057	SER Reimbursements	-	165,000	-	-	-	\$ 165,000
3353.094	Water	Pearson Ranch-RRISD SER 2869 and 2870	Debt	3960	2207	2093	SER Reimbursements	920,300	-	-	-	-	\$ 920,300
3353.095	Water	Whisper Valley_Indian Hills	Debt	3960	2207	2094	SER Reimbursements	250,000	250,000	25,000	25,000	25,000	\$ 575,000
3353.104	Water	The Terrace 16-Inch Offsite Water Line	Debt	3960	2207	6473	SER Reimbursements	211,895	-	-	-	-	\$ 211,895
3353.109	Water	Bull Creek Tract 24-Inch Water Line Improvements	Debt	3960	2207	6549	SER Reimbursements	1,304,894	-	-	-	-	\$ 1,304,894
Total - SER Reimbursements								\$ 2,687,089	\$ 4,015,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 6,777,089

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Detail by Utility, Department, and FDU Project Type

SPID	Utility	Subproject Name	Funding Type	Fund	Dept	Unit	FDU Project Type	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
2006.014	Water	Spicewood Springs Pump Station Improvements-Transmission Main	Debt	3960	2207	7295	Transmission / Distribution	1,782,000	-	-	-	-	\$ 1,782,000
2981.001	Water	Subdivision Engineering & Inspection	Cash	3920	2207	5013	Transmission / Distribution	674,000	674,000	674,000	674,000	674,000	\$ 3,370,000
2982.001	Water	Water Services & Meters	Cash	3920	2207	5012	Transmission / Distribution	450,000	450,000	450,000	450,000	450,000	\$ 2,250,000
3212.136	Water	TxDOT Utility Relocation: US 183 Bergstrom Exprwy (US 290 to SH 71)	Debt	3960	2207	7935	Transmission / Distribution	462,890	136,602	-	-	-	\$ 599,492
6319.007	Water	Fallwell Lane Realignment and Utility Improvements	Debt	3960	2207	6555	Transmission / Distribution	820,000	1,450,000	-	-	-	\$ 2,270,000
6935.001	Water	Davis Medium Service Water Transmission Main	Debt	PLAN	2207	P030	Transmission / Distribution	-	-	-	1,250,000	2,100,000	\$ 3,350,000
6935.003	Water	Boyce Lane Water Main	Debt	3960	2207	7892	Transmission / Distribution	952,386	-	-	-	-	\$ 952,386
6935.005	Water	Springdale Road/US 183/Hwy 71 Transmission Main	Debt	PLAN	2207	P035	Transmission / Distribution	-	-	-	-	800,000	\$ 800,000
6935.017	Water	Wonsley Drive & Gessner Drive Waterline Rehabilitation	Cash	3920	2207	7241	Transmission / Distribution	100,000	750,000	-	-	-	\$ 850,000
6935.019	Water	Parmer & 620 Interconnect	Debt	PLAN	2207	P139	Transmission / Distribution	-	370,000	700,000	700,000	450,000	\$ 2,220,000
6935.022	Water	Springdale/290 Water Line Improvements	Debt	3960	2207	7249	Transmission / Distribution	295,000	4,000,000	-	-	-	\$ 4,295,000
6935.024	Water	East Austin Pump Station to IH35 Water Transmission Main	Debt	PLAN	2207	P118	Transmission / Distribution	-	400,000	2,000,000	3,000,000	3,000,000	\$ 8,400,000
6935.025	Water	Southwest Parkway Transmission Main (SWB)	Cash	PLAN	2207	P135	Transmission / Distribution	-	-	-	-	250,000	\$ 250,000
6935.031	Water	McNeil Road Transmission Main	Debt	PLAN	2207	P017	Transmission / Distribution	-	-	-	425,000	1,550,000	\$ 1,975,000
6935.032	Water	Tanglebriar System Improvements	Debt	3960	2207	6429	Transmission / Distribution	675,000	-	-	-	-	\$ 675,000
6935.033	Water	Johnny Morris/Hwy 290 Area Water Line Extension	Cash	3920	2207	7242	Transmission / Distribution	150,000	1,000,000	350,000	-	-	\$ 1,500,000
6935.035	Water	Howard Lane Extension	Debt	PLAN	2207	P024	Transmission / Distribution	150,000	700,000	150,000	-	-	\$ 1,000,000
6935.036	Water	River Place Glenlake Interconnect	Cash	PLAN	2207	P051	Transmission / Distribution	900,000	-	-	-	-	\$ 900,000
6935.037	Water	Highland Park Water Improvements	Debt	3960	2207	6480	Transmission / Distribution	1,020,000	1,020,000	510,000	-	-	\$ 2,550,000
6935.041	Water	Motorola Oak Hill - Conversion	Cash	3920	2207	7818	Transmission / Distribution	-	375,000	-	-	-	\$ 375,000
6935.043	Water	Water System Improvements to Meet Minimum Standards Future Program	Debt	PLAN	2207	P240	Transmission / Distribution	-	-	500,000	500,000	500,000	\$ 1,500,000
6935.045	Water	Northwest A & B Zone Boundary Projects	Cash	3920	2207	6571	Transmission / Distribution	950,000	100,000	-	-	-	\$ 1,050,000
6935.047	Water	Interstate 35 - Oltorf Low Pressure Project	Debt	PLAN	2207	P150	Transmission / Distribution	350,000	1,050,000	-	-	-	\$ 1,400,000
6935.048	Water	Interstate 35 Water Line Extension	Debt	PLAN	2207	P156	Transmission / Distribution	200,000	500,000	500,000	-	-	\$ 1,200,000
6935.049	Water	Travis County Water Line Construction: FM 1626 from Manchaca Rd to Brodie	Debt	3960	2207	6471	Transmission / Distribution	116,000	-	-	-	-	\$ 116,000
6935.050	Water	Integrated Water Management Plan	Cash	3920	2207	6526	Transmission / Distribution	600,000	200,000	-	-	-	\$ 800,000
6935.056	Water	Seaholm 30-inch Water Main Abandonment and Interconnect	Cash	PLAN	2207	P272	Transmission / Distribution	400,000	-	-	-	-	\$ 400,000
6935.057	Water	Advanced Metering Infrastructure	SWIFT	PLAN	2207	P271	Transmission / Distribution	-	5,000,000	10,000,000	10,000,000	10,000,000	\$ 35,000,000
6935.057	Water	Advanced Metering Infrastructure	SWIFT	PLAN	2207	P276	Transmission / Distribution	95,000	-	-	-	-	\$ 95,000
Total - Transmission/Distribution								\$ 11,142,276	\$ 18,175,602	\$ 15,834,000	\$ 16,999,000	\$ 19,774,000	\$ 81,924,878
2009.012	Water	Green Water Treatment Plant Environmental Decommission	Cash	3920	2207	6488	Treatment Plant	341,000	-	-	-	-	\$ 341,000
2015.006	Water	Davis WTP Power Distribution Upgrade	Debt	3960	2207	7149	Treatment Plant	6,999,825	9,697,657	11,815,255	470,000	-	\$ 28,982,737
2015.017	Water	Davis WTP Raw Water Hydraulic and Energy Efficiency Improvements (IDIQ)	Debt	3960	2207	7098	Treatment Plant	464,000	394,000	71,750	-	-	\$ 929,750
2015.019	Water	Davis WTP SCADA System Improvements	Debt	3960	2207	6197	Treatment Plant	300,000	465,000	625,000	2,600,000	1,450,000	\$ 5,440,000
2015.025	Water	Davis WTP Power Dist Upgrade Phase B	Debt	PLAN	2207	P048	Treatment Plant	-	-	-	180,000	280,000	\$ 460,000
2015.027	Water	Davis WTP On-Site Generation Chlorine	Debt	PLAN	2207	P190	Treatment Plant	-	-	-	-	50,000	\$ 50,000
2015.029	Water	Davis WTP Filter Improvements Phase 2	Debt	PLAN	2207	P010	Treatment Plant	-	-	50,000	200,000	200,000	\$ 450,000
2015.035	Water	Davis WTP Air Handler Replacement	Cash	PLAN	2207	P112	Treatment Plant	-	-	-	38,000	-	\$ 38,000

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2015.040	Water	Davis WTP Improvements - ADP Parent	Cash	PLAN	2207	P246	Treatment Plant	-	500,000	500,000	500,000	500,000	\$ 2,000,000
2015.041	Water	Davis WTP Treated Water Discharge System	Debt	3960	2207	7653	Treatment Plant	15,264,757	15,436,077	5,653,565	250,000	-	\$ 36,604,399
2015.043	Water	Davis Water Treatment Plant Liquid Ammonia Sulfate Improvements	Debt	PLAN	2207	P031	Treatment Plant	-	-	-	-	50,000	\$ 50,000
2015.048	Water	Davis WTP Chemical Feed System Improvements - Package 3	Debt	3960	2207	6424	Treatment Plant	-	30,000	2,045,000	-	-	\$ 2,075,000
5335.003	Water	Ullrich Water Treatment Plant Contract II Raw Water Pipeline Construction	Debt	PLAN	2207	P200	Treatment Plant	-	-	-	50,000	100,000	\$ 150,000
5335.005	Water	Ullrich WTP Administration & Centrifuge SCADA Asset Replacement	Cash	3920	2207	7167	Treatment Plant	1,850,000	1,100,000	1,200,000	100,000	-	\$ 4,250,000
5335.008	Water	Ullrich WTP Conversion to On-Site Generation of Sodium Hypochlorite	Debt	3960	2207	6533	Treatment Plant	500,000	1,600,000	3,500,000	3,000,000	1,300,000	\$ 9,900,000
5335.010	Water	Ullrich Water Treatment Plant Process Efficiency & Rehabilitation Project	Debt	3960	2207	7197	Treatment Plant	450,000	900,000	1,100,000	1,100,000	1,200,000	\$ 4,750,000
5335.012	Water	Ullrich Water Treatment Plant Concrete Rehabilitation	Debt	3960	2207	7192	Treatment Plant	20,000	-	-	-	-	\$ 20,000
5335.016	Water	Ullrich WTP Low Service Pump Station Switchgear Replacement	Debt	3960	2207	6575	Treatment Plant	300,000	300,000	1,700,000	3,444,000	2,500,000	\$ 8,244,000
5335.017	Water	Ullrich Water Treatment Plant Air Handler Replacement	Cash	PLAN	2207	P203	Treatment Plant	-	-	-	30,000	-	\$ 30,000
5335.021	Water	Ullrich Water Treatment Plant Improvements-ADP Parent	Cash	PLAN	2207	P247	Treatment Plant	-	400,000	400,000	500,000	500,000	\$ 1,800,000
5335.023	Water	Ullrich Water Treatment Plant Liquid Ammonia Sulfate Improvements	Debt	PLAN	2207	P054	Treatment Plant	-	-	-	-	265,000	\$ 265,000
5335.027	Water	Ullrich Water Treatment Plant Hydraulic & Energy Efficiency Improvements	Debt	3960	2207	6418	Treatment Plant	4,118,410	1,037,080	100,000	-	-	\$ 5,255,490
5335.032	Water	Ullrich Water Treatment Plant Protective Coating System Rehabilitation	Cash	3920	2207	6926	Treatment Plant	100,000	-	-	-	-	\$ 100,000
5335.035	Water	Ullrich Water Treatment Plant SCADA Network Infrastructure Replacement	Debt	PLAN	2207	P239	Treatment Plant	-	-	400,000	1,800,000	1,500,000	\$ 3,700,000
5335.039	Water	Ullrich WTP PAC System Renewal, Sludge Tank Mixing Pump and Guard Shack	Debt	3960	2207	6464	Treatment Plant	200,000	-	-	-	-	\$ 200,000
5335.041	Water	Ullrich Water Treatment Plant Chiller Replacement-99	Cash	PLAN	2207	P115	Treatment Plant	-	-	-	118,000	-	\$ 118,000
6621.006	Water	Davis Water Treatment Plant Security Access System Upgrade	Cash	3920	2207	7107	Treatment Plant	700,000	-	-	-	-	\$ 700,000
6621.013	Water	Ullrich WTP Security Access System Upgrade	Cash	3920	2207	7949	Treatment Plant	400,000	-	-	-	-	\$ 400,000
6683.021	Water	Water Treatment Plant #4 Improvements ADP Parent	Cash	PLAN	2207	P243	Treatment Plant	-	200,000	200,000	300,000	350,000	\$ 1,050,000
6683.023	Water	Water Treatment Plant 4 Washwater Decant and Sludge Holding Basins	Debt	PLAN	2207	P268	Treatment Plant	350,000	1,600,000	-	-	-	\$ 1,950,000
8702.003	Water	Shaw Lane Sludge Facility Improvements	Debt	3960	2207	7121	Treatment Plant	10,000	-	-	-	-	\$ 10,000
9084.001	Water	Facilities & Force Main Services-IDIQ	Cash	3920	2207	3301	Treatment Plant	420,000	420,000	420,000	420,000	420,000	\$ 2,100,000
Total - Treatment Plant								\$ 32,787,992	\$ 34,079,814	\$ 29,780,570	\$ 15,100,000	\$ 10,665,000	\$ 122,413,376
3185.007	Water	Capital Equipment - Vehicles	Cash	3920	2207	6591	Vehicles and Equipment	923,000	-	-	-	-	\$ 923,000
3185.007	Water	Capital Equipment - Vehicles	Cash/KO	PLAN	2207	P345	Vehicles and Equipment	-	1,176,000	1,176,000	1,400,000	1,400,000	\$ 5,152,000
Total - Vehicles and Equipment								\$ 923,000	\$ 1,176,000	\$ 1,176,000	\$ 1,400,000	\$ 1,400,000	\$ 6,075,000
Total - Water								\$ 79,962,385	\$ 87,461,391	\$ 78,622,488	\$ 70,778,263	\$ 67,308,965	\$ 384,133,492

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SPID	Utility	Subproject Name	Funding Type	Fund	Dept	Unit	FDU Project Type	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
4857.025	Wastewater	North Acres - Final Conveyance	Cash	4480	2307	8795	Annexed Area	394,697	-	-	-	-	\$ 394,697
4857.029	Wastewater	Annexation Telemetry-River Place MUD & Lost Creek MUD	Cash	4480	2307	4749	Annexed Area	250,000	-	-	-	-	\$ 250,000
4857.030	Wastewater	Shady Hollow Annexation	Cash	PLAN	2307	P021	Annexed Area	20,000	180,000	500,000	540,000	1,890,000	\$ 3,130,000
4857.031	Wastewater	Annexation Projects Future Program	Debt	PLAN	2307	P287	Annexed Area	-	-	500,000	500,000	2,000,000	\$ 3,000,000
Total - Annexed Area								\$ 664,697	\$ 180,000	\$ 1,000,000	\$ 1,040,000	\$ 3,890,000	\$ 6,774,697
2006.006	Wastewater	Water Distribution & Lift Station SCADA Improvements Phase I	Cash	4480	2307	8231	Lift Station	381,544	-	-	-	-	\$ 381,544
2006.027	Wastewater	Water Distribution & Lift Station SCADA Improvements Phase II	Cash	PLAN	2307	P279	Lift Station	452,400	989,200	1,189,200	639,120	-	\$ 3,269,920
3168.014	Wastewater	Lift Station Improvements Future Program	Debt	PLAN	2307	P277	Lift Station	-	1,500,000	1,500,000	1,500,000	1,500,000	\$ 6,000,000
3168.033	Wastewater	Bluffington #1 Force Main Replacement	Cash	PLAN	2307	P152	Lift Station	10,000	90,000	180,000	225,000	-	\$ 505,000
3168.052	Wastewater	West Bank Lift Station Rehabilitation	Cash	4480	2307	8290	Lift Station	306,621	-	-	-	-	\$ 306,621
3168.054	Wastewater	Govalle Wastewater Flow Diversion	Cash	4480	2307	8473	Lift Station	430,000	1,250,000	1,250,000	1,250,000	-	\$ 4,180,000
3168.057	Wastewater	Rock Harbour Lift Station Improvements	Debt	PLAN	2307	P069	Lift Station	420,000	765,944	210,000	-	-	\$ 1,395,944
3168.059	Wastewater	Pearce Lane Lift Station Phase 2 Upgrade and New Forcemain	Debt	PLAN	2307	P059	Lift Station	20,000	450,000	450,000	1,000,000	1,070,000	\$ 2,990,000
3168.062	Wastewater	Lindshire Lift Station Relief	Debt	4570	2307	8413	Lift Station	5,500	-	-	-	-	\$ 5,500
3168.063	Wastewater	Lockheed Lift Station Relief	Debt	4570	2307	8284	Lift Station	9,000	-	-	-	-	\$ 9,000
3168.064	Wastewater	Northwest Lift Station Improvements Ph 1 - Four Points 1 & Center	Debt	PLAN	2307	P184	Lift Station	10,000	342,700	-	-	-	\$ 352,700
3168.065	Wastewater	West Bank LS Redundant Force Main	Cash	PLAN	2307	P155	Lift Station	-	20,000	100,000	100,000	750,000	\$ 970,000
3168.067	Wastewater	Developer Lift Station Inspector Services	Cash	PLAN	2307	P040	Lift Station	75,000	75,000	75,000	75,000	75,000	\$ 375,000
3168.070	Wastewater	Springfield Force Main Replacement	Cash	PLAN	2307	P032	Lift Station	-	215,000	425,000	425,000	-	\$ 1,065,000
3168.074	Wastewater	Four Points #2 Lift Station Improvements	Cash	PLAN	2307	P036	Lift Station	84,000	336,000	408,400	-	-	\$ 828,400
3168.075	Wastewater	Great Hills Lift Station Improvements	Cash	PLAN	2307	P097	Lift Station	-	-	-	10,000	750,000	\$ 760,000
3168.076	Wastewater	Barton Creek Plaza Lift Station Improvements	Cash	PLAN	2307	P199	Lift Station	225,000	750,000	375,000	-	-	\$ 1,350,000
3168.077	Wastewater	Gonzales Lift Station Abandonment	Cash	4480	2307	4715	Lift Station	893,500	6,000	-	-	-	\$ 899,500
3168.078	Wastewater	Great Hills Lift Station Evaluation	Cash	PLAN	2307	P205	Lift Station	190,000	-	-	-	-	\$ 190,000
3168.085	Wastewater	Boulder Lane Lift Station Improvements	Cash	PLAN	2307	P251	Lift Station	84,000	332,200	-	-	-	\$ 416,200
3168.086	Wastewater	Spring Lake #2 Lift Station Improvements	Cash	PLAN	2307	P252	Lift Station	150,000	-	-	-	-	\$ 150,000
3168.087	Wastewater	Travis Country Lift Station Improvements	Cash	PLAN	2307	P254	Lift Station	-	-	-	250,000	500,000	\$ 750,000
3168.089	Wastewater	McNeil Lift Station Improvements	Cash	PLAN	2307	P256	Lift Station	-	-	-	-	20,000	\$ 20,000
3168.090	Wastewater	Davenport Limited Lift Station Improvements	Cash	PLAN	2307	P257	Lift Station	-	-	-	-	100,000	\$ 100,000
3168.115	Wastewater	Coomer Path Lift Station Pump Upgrades	Debt	PLAN	2307	P281	Lift Station	-	-	-	300,000	-	\$ 300,000
3168.118	Wastewater	Northwest Lift Station Improvements Phase 2	Debt	PLAN	2307	P296	Lift Station	-	-	-	-	10,000	\$ 10,000
3168.124	Wastewater	Davis Springs #2 Lift Station Demolition	Cash	PLAN	2307	P309	Lift Station	-	100,000	100,000	-	-	\$ 200,000
3168.126	Wastewater	William Wallace Way Lift Station Demolition	Cash	4480	2307	4830	Lift Station	50,000	-	-	-	-	\$ 50,000
3168.127	Wastewater	Nuckols Crossing Lift Station Demolition	Cash	PLAN	2307	P310	Lift Station	100,000	100,000	-	-	-	\$ 200,000
3168.128	Wastewater	Bradshaw Crossing Lift Station Demolition	Cash	PLAN	2307	P307	Lift Station	-	-	-	100,000	100,000	\$ 200,000
3168.129	Wastewater	Circle C #1 Lift Station Demolition	Cash	PLAN	2307	P308	Lift Station	-	-	100,000	100,000	-	\$ 200,000
3168.131	Wastewater	Hidden Bluff Lift Station Demolition & Site Restoration	Cash	4480	2307	4879	Lift Station	100,000	-	-	-	-	\$ 100,000
Total - Lift Station								\$ 3,996,565	\$ 7,322,044	\$ 6,362,600	\$ 5,974,120	\$ 4,875,000	\$ 28,530,329

5 Year Proposed Spending Plan Budget - FY 2017 through 2021

Detail by Utility, Department, and FDU Project Type

SPID	Utility	Subproject Name	Funding Type	Fund	Dept	Unit	FDU Project Type	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
757.007	Wastewater	Waller Creek Center Improvements Program (Thru FY16)	Cash	4480	2307	8927	Other	190,000	137,000	85,000	100,000	40,000	\$ 552,000
757.007	Wastewater	Waller Creek Center Improvements Program (Thru FY16)	Cash	4480	2307	9125	Other	-	40,000	-	-	-	\$ 40,000
757.007	Wastewater	Waller Creek Center Improvements Program (Thru FY16)	Cash	4480	2307	9126	Other	-	40,000	-	40,000	-	\$ 80,000
757.008	Wastewater	Webberville Service Center Improvements Program (Thru FY16)	Cash	4480	2307	8928	Other	277,500	45,000	125,000	-	30,000	\$ 477,500
757.009	Wastewater	Glen Bell Service Center Improvements Program (Thru FY16)	Cash	4480	2307	9143	Other	-	25,000	100,000	-	-	\$ 125,000
757.009	Wastewater	Glen Bell Service Center Improvements Program (Thru FY16)	Cash	PLAN	2307	P337	Other	50,000	198,170	225,000	90,000	150,000	\$ 713,170
757.010	Wastewater	Timothy Louviere Service Center Improvements Program (Thru FY16)	Cash	4480	2307	9172	Other	52,000	-	-	-	-	\$ 52,000
757.012	Wastewater	North Service Center Improvements Program (Thru FY16)	Cash	PLAN	2307	P129	Other	-	-	-	-	125,000	\$ 125,000
757.012	Wastewater	North Service Center Improvements Program (Thru FY16)	Cash	PLAN	2307	P338	Other	-	30,000	80,000	40,000	150,000	\$ 300,000
757.028	Wastewater	Building Facilities Future Program	Cash	PLAN	2307	P335	Other	250,000	250,000	-	-	-	\$ 500,000
757.029	Wastewater	Waller Creek Center - Tenth Floor Renovation	Cash	PLAN	2307	P218	Other	-	-	-	-	25,000	\$ 25,000
757.037	Wastewater	Waller Creek Center - Curtain Wall	Cash	4480	2307	4782	Other	200,000	-	-	-	-	\$ 200,000
757.039	Wastewater	Webberville Service Center-Tech Shop Replacement	Cash	PLAN	2307	P317	Other	40,000	5,000	-	-	-	\$ 45,000
2981.001	Wastewater	Subdivision Engineering & Inspection	Cash	4480	2307	5013	Other	600,000	600,000	600,000	600,000	600,000	\$ 3,000,000
3159.003	Wastewater	Laboratory Information Management System	Cash	4480	2307	8993	Other	132,000	25,000	25,000	25,000	25,000	\$ 232,000
3159.010	Wastewater	Pipeline Computerized Maintenance Management System Upgrade	Cash	4480	2307	8065	Other	100,000	150,000	75,000	75,000	50,000	\$ 450,000
3159.011	Wastewater	Facility Computerized Maintenance Management System Upgrade	Cash	4480	2307	9146	Other	25,000	50,000	25,000	50,000	25,000	\$ 175,000
3159.012	Wastewater	Geographic Information Systems Technology Improvements	Cash	4480	2307	8066	Other	148,000	137,500	117,500	100,000	125,000	\$ 628,000
3159.016	Wastewater	Storage Systems, PC's, Laptops, and Server Replacement	Cash	4480	2307	8070	Other	200,000	150,000	150,000	150,000	150,000	\$ 800,000
3159.017	Wastewater	Router, Switch Replacement, and Disaster Recovery	Cash	4480	2307	8069	Other	100,000	15,000	100,000	15,000	100,000	\$ 330,000
3159.021	Wastewater	Mobile Workforce	Cash	4480	2307	9140	Other	250,000	250,000	100,000	50,000	50,000	\$ 700,000
3159.023	Wastewater	AW Telecommunications System Upgrade Study	Cash	PLAN	2307	P206	Other	125,000	-	-	-	-	\$ 125,000
6621.010	Wastewater	SCADA Cyber Security Remediation	Cash	4480	2307	4719	Other	340,000	350,000	-	-	-	\$ 690,000
6621.018	Wastewater	Waller Creek, Webberville, Glen Bell Physical Security Technology Update	Cash	4480	2307	4808	Other	74,000	-	-	-	-	\$ 74,000
6659.002	Wastewater	Cost of Service Rate Study	Cash	4480	2307	4776	Other	250,000	-	-	-	-	\$ 250,000
Total - Other								\$ 3,403,500	\$ 2,497,670	\$ 1,807,500	\$ 1,335,000	\$ 1,645,000	\$ 10,688,670
2231.065	Wastewater	Water & Wastewater Misc Renewal Program-Austin Water Crews	Cash	4480	2307	8410	Rehabilitation	135,000	75,000	75,000	75,000	100,000	\$ 460,000
2231.092	Wastewater	Onion Creek Wastewater Tunnel Assessment and Renewal	Debt	PLAN	2307	P094	Rehabilitation	-	20,000	500,000	1,000,000	1,000,000	\$ 2,520,000
2231.109	Wastewater	East Allandale White Rock Neighborhood Water System Renewal	Debt	4570	2307	4852	Rehabilitation	220,000	200,000	1,153,520	572,730	5,000	\$ 2,151,250
2231.134	Wastewater	Palma Plaza Wastewater Reroute	Debt	4570	2307	8727	Rehabilitation	-	-	340,000	1,010,000	1,285,000	\$ 2,635,000
2231.162	Wastewater	NW Brentwood - Karen and Payne Area - Neighborhood Water System Upgrades	Debt	4570	2307	8286	Rehabilitation	65,714	-	-	-	-	\$ 65,714
2231.181	Wastewater	East Austin Wastewater Line Improvements	Debt	4570	2307	8523	Rehabilitation	1,308,675	1,303,675	-	-	-	\$ 2,612,350
2231.183	Wastewater	South Austin Sanitary Sewer Overflow-Ongoing Rehab	Debt	4570	2307	8525	Rehabilitation	11,685	-	-	-	-	\$ 11,685
2231.192	Wastewater	SE Allandale Neighborhood Water and Wastewater Improvements	Cash	4480	2307	4613	Rehabilitation	891,596	146,381	-	-	-	\$ 1,037,977
2231.194	Wastewater	Crosstown Wastewater Tunnel Assessment and Renewal	Debt	PLAN	2307	P043	Rehabilitation	-	-	30,000	200,000	1,000,000	\$ 1,230,000
2231.197	Wastewater	Nueces Wastewater Rehab for W 8th to MLK	Debt	4570	2307	8717	Rehabilitation	320,000	1,610,000	20,000	-	-	\$ 1,950,000
2231.211	Wastewater	Real Estate Services-Existing Wastewater Pipelines	Cash	4480	2307	8496	Rehabilitation	20,000	20,000	20,000	20,000	20,000	\$ 100,000

5 Year Proposed Spending Plan Budget - FY 2017 through 2021

Detail by Utility, Department, and FDU Project Type

SPID	Utility	Subproject Name	Funding				FDU Project Type	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
			Type	Fund	Dept	Unit							
2231.216	Wastewater	Nelray and Evans Utility Improvements	Cash	4480	2307	8288	Rehabilitation	521,759	-	-	-	-	\$ 521,759
2231.217	Wastewater	UT Campus Area Utility Improvements	Debt	PLAN	2307	P188	Rehabilitation	-	-	15,000	320,000	85,000	\$ 420,000
2231.221	Wastewater	Wastewater Renewal Future Program	Debt	PLAN	2307	P126	Rehabilitation	-	-	-	-	1,000,000	\$ 1,000,000
2231.223	Wastewater	Wastewater Renewal Future Program-AW Crews	Debt	PLAN	2307	P194	Rehabilitation	-	50,000	100,000	100,000	100,000	\$ 350,000
2231.231	Wastewater	Wastewater Renewal Program-Manholes	Cash	4480	2307	4612	Rehabilitation	750,000	750,000	750,000	1,000,000	1,000,000	\$ 4,250,000
2231.233	Wastewater	NE Brentwood / Arcadia Street Neighborhood Water System Upgrades	Debt	PLAN	2307	P209	Rehabilitation	35,000	492,500	492,500	-	-	\$ 1,020,000
2231.234	Wastewater	North Rosedale / Lawnmont Neighborhood Water System Upgrades	Cash	PLAN	2307	P210	Rehabilitation	-	518,750	501,250	7,500	-	\$ 1,027,500
2231.236	Wastewater	Morrow and Gault Water & Wastewater Line Renewal	Debt	4570	2307	4863	Rehabilitation	400,000	1,700,000	1,700,000	400,000	-	\$ 4,200,000
2231.237	Wastewater	Exposition Blvd (W. 35th to Enfield) Water & Wastewater Line Renewal	Cash	4480	2307	4658	Rehabilitation	38,500	125,500	-	-	-	\$ 164,000
2231.238	Wastewater	Bryker Woods Neighborhood Water And Wastewater Upgrades	Debt	PLAN	2307	P230	Rehabilitation	52,500	332,500	587,500	-	-	\$ 972,500
2231.239	Wastewater	Tarrytown-Hillview-Clearview Area Neighborhood Water System Upgrades	Cash	PLAN	2307	P236	Rehabilitation	-	-	47,500	85,000	181,500	\$ 314,000
2231.240	Wastewater	Old Enfield-Niles-Newfield Area Neighborhood Water System Upgrades	Cash	PLAN	2307	P237	Rehabilitation	-	-	-	90,000	40,000	\$ 130,000
2231.249	Wastewater	Wastewater Relay And Spot Rehab Service Contract ID/IQ (2014 to 2016)	Cash	4480	2307	4717	Rehabilitation	255,000	-	-	-	-	\$ 255,000
2231.255	Wastewater	Oakmont Blvd Water Line Improvements-Construction Rehab Services (CRS)	Cash	4480	2307	4811	Rehabilitation	180,000	185,000	70,000	-	-	\$ 435,000
2231.258	Wastewater	Hartford Rd Water Line Improvements	Debt	4570	2307	4814	Rehabilitation	195,000	5,000	77,000	-	-	\$ 277,000
2231.264	Wastewater	Wastewater Collection System Rehab of Lines Group A	Debt	4570	2307	4759	Rehabilitation	560,000	50,000	-	-	-	\$ 610,000
2231.265	Wastewater	Wastewater Collection System Replacement Lines Group A	Debt	4570	2307	4760	Rehabilitation	593,000	500,000	50,000	-	-	\$ 1,143,000
2231.266	Wastewater	Wastewater Collection System Replacement Lines Group B	Debt	4570	2307	4765	Rehabilitation	120,000	1,858,000	200,000	-	-	\$ 2,178,000
2231.268	Wastewater	Large Wastewater Interceptors - Assessment and Rehabilitations	Cash	4480	2307	4873	Rehabilitation	400,000	400,000	500,000	500,000	1,000,000	\$ 2,800,000
2231.273	Wastewater	West Allandale and Trailridge Drive Line Renewal	Debt	4570	2307	4844	Rehabilitation	263,800	736,500	1,485,000	245,000	-	\$ 2,730,300
2231.275	Wastewater	Wastewater Line Renewal And Spot Rehab Service Contract (2017 to 2019)	Cash	4480	2307	4819	Rehabilitation	2,500,000	4,000,000	4,000,000	1,150,000	-	\$ 11,650,000
2231.276	Wastewater	Wastewater Pipeline Renewal Future Program	Cash	PLAN	2307	P315	Rehabilitation	-	-	-	4,000,000	4,000,000	\$ 8,000,000
2231.280	Wastewater	Targeted Wastewater Line Improvements - Town Lake Basin.	Cash	PLAN	2307	P342	Rehabilitation	10,000	200,000	300,000	1,000,000	1,000,000	\$ 2,510,000
4927.013	Wastewater	Govalle Wastewater Tunnel Assessment and Renewal	Debt	PLAN	2307	P081	Rehabilitation	-	-	500,000	500,000	1,000,000	\$ 2,000,000
4927.015	Wastewater	Lockheed Shaft Rehabilitation & Govalle Tunnel Shafts Warranty Inspections	Debt	4570	2307	4677	Rehabilitation	18,000	-	-	-	-	\$ 18,000
4927.015	Wastewater	Lockheed Shaft Rehabilitation & Govalle Tunnel Shafts Warranty Inspections	Debt	4570	2307	4678	Rehabilitation	19,985	-	-	-	-	\$ 19,985
4927.015	Wastewater	Lockheed Shaft Rehabilitation & Govalle Tunnel Shafts Warranty Inspections	Debt	4570	2307	4679	Rehabilitation	6,193	-	-	-	-	\$ 6,193
5873.031	Wastewater	Barton Springs Rd. Bridge over Barton Creek	Cash	4480	2307	4845	Rehabilitation	48,125	39,000	-	-	-	\$ 87,125
Total - Rehabilitation								\$ 9,939,532	\$ 15,317,806	\$ 13,514,270	\$ 12,275,230	\$ 12,816,500	\$ 63,863,338
3212.006	Wastewater	Miscellaneous Pavement Improvements	Cash	4480	2307	8395	Relocation	45,000	45,000	45,000	45,000	45,000	\$ 225,000
3212.125	Wastewater	Wastewater Pipeline Relocations Future Program	Debt	PLAN	2307	P003	Relocation	-	500,000	1,500,000	1,500,000	2,000,000	\$ 5,500,000
3212.128	Wastewater	TxDOT Utility Relocation: SH 71(W): SW Pkwy to US 290	Debt	4570	2307	4672	Relocation	3,000	-	-	-	-	\$ 3,000
3212.136	Wastewater	TxDOT Utility Relocation: US 183 Bergstrom Expwy (US 290 to SH 71)	Debt	4570	2307	4691	Relocation	188,867	46,521	-	-	-	\$ 235,388
3212.137	Wastewater	TxDOT Utility Relocation:SH 71: East of US 183 to Onion Crk-Toll Road	Debt	4570	2307	4713	Relocation	27,000	-	-	-	-	\$ 27,000
3212.140	Wastewater	TXDOT - IH 35 Water Line Relocation	Debt	4570	2307	4841	Relocation	45,500	-	-	-	-	\$ 45,500
3212.140	Wastewater	TXDOT - IH 35 Water Line Relocation	Debt	4570	2307	4842	Relocation	19,000	-	-	-	-	\$ 19,000
3212.140	Wastewater	TXDOT - IH 35 Water Line Relocation	Debt	4570	2307	4843	Relocation	130,000	14,000	-	-	-	\$ 144,000
3212.147	Wastewater	Forest North Phase 2 Water and Wastewater Line Relo	Cash	4480	2307	4838	Relocation	7,599	-	-	-	-	\$ 7,599

5 Year Proposed Spending Plan Budget - FY 2017 through 2021

Detail by Utility, Department, and FDU Project Type

SPID	Utility	Subproject Name	Funding Type	Fund	Dept	Unit	FDU Project Type	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
5873.010	Wastewater	William Cannon Railroad Overpass	Debt	4570	2307	8474	Relocation	37,735	-	-	-	-	\$ 37,735
5873.012	Wastewater	Red Bud Trail Bridge over Lady Bird Lake	Debt	4570	2307	8385	Relocation	126,438	-	-	-	-	\$ 126,438
Total - Relocation								\$ 630,139	\$ 605,521	\$ 1,545,000	\$ 1,545,000	\$ 2,045,000	\$ 6,370,660
3353.095	Wastewater	Whisper Valley_Indian Hills	Debt	4570	2307	4825	SER Reimbursements	1,750,000	250,000	25,000	25,000	25,000	\$ 2,075,000
3353.105	Wastewater	Finspeed 30-Inch Offsite Wastewater Line	Debt	4570	2307	4741	SER Reimbursements	302,661	-	-	-	-	\$ 302,661
3353.107	Wastewater	Buratti Subdivision	Debt	4570	2307	4762	SER Reimbursements	-	-	760,291	-	-	\$ 760,291
3353.108	Wastewater	Southland Oaks Wastewater Improvements	Debt	4570	2307	4870	SER Reimbursements	650,000	100,000	1,450,000	2,000,000	2,800,000	\$ 7,000,000
Total - SER Reimbursements								\$ 2,702,661	\$ 350,000	\$ 2,235,291	\$ 2,025,000	\$ 2,825,000	\$ 10,137,952
3023.019	Wastewater	Walnut Creek WWTP Headworks Improvements	Debt	PLAN	2307	P027	Treatment Plant	255,000	350,000	650,000	1,000,000	800,000	\$ 3,055,000
3023.021	Wastewater	Walnut Creek WWTP Plant Control System Upgrade	Debt	4570	2307	4666	Treatment Plant	275,000	355,000	1,125,000	1,300,000	500,000	\$ 3,555,000
3023.022	Wastewater	Walnut Creek WWTP Pumping System Improvements	Debt	4570	2307	8197	Treatment Plant	500,000	1,000,000	2,000,000	2,200,000	750,000	\$ 6,450,000
3023.023	Wastewater	Walnut Creek WWTP Ventilation/Odor Control Improvements	Debt	4570	2307	8198	Treatment Plant	-	-	-	-	155,000	\$ 155,000
3023.025	Wastewater	Walnut Creek WWTP Tertiary Filter Rehabilitation	SWIFT	4480	2307	8235	Treatment Plant	4,650,000	6,000,000	4,900,000	2,525,000	1,500,000	\$ 19,575,000
3023.030	Wastewater	Walnut Creek WWTP Electrical Loop Switches Phase 3	Debt	PLAN	2307	P044	Treatment Plant	-	-	-	-	190,000	\$ 190,000
3023.033	Wastewater	Walnut Creek Wastewater Treatment Plant Sludge Transfer Line	Cash	4480	2307	4609	Treatment Plant	-	-	-	-	175,000	\$ 175,000
3023.034	Wastewater	Walnut Creek WWTP Improvements-ADP Parent	Cash	PLAN	2307	P033	Treatment Plant	-	500,000	500,000	600,000	600,000	\$ 2,200,000
3023.035	Wastewater	Walnut Creek Wastewater Treatment Plant Sludge Thickener Rehab	Debt	4570	2307	4727	Treatment Plant	350,000	500,000	1,000,000	2,100,000	3,000,000	\$ 6,950,000
3023.036	Wastewater	Walnut Creek WWTP Clarifier and Flow Equalization Basin Rehabilitation	Debt	PLAN	2307	P051	Treatment Plant	-	-	-	240,000	1,630,000	\$ 1,870,000
3023.039	Wastewater	Walnut Creek WWTP Secondary Process Improvements	Debt	4570	2307	8733	Treatment Plant	1,000,000	2,500,000	3,600,000	2,700,000	1,500,000	\$ 11,300,000
3023.041	Wastewater	Walnut Creek WWTP Lab and Admin Bldg HVAC Rehabilitation Phase 1	Cash	4480	2307	4730	Treatment Plant	100,000	800,000	800,000	240,000	-	\$ 1,940,000
3023.042	Wastewater	Walnut Creek WWTP Lab and Admin Bldg HVAC Rehabilitation Phase 2	Cash	PLAN	2307	P053	Treatment Plant	-	-	150,000	250,000	400,000	\$ 800,000
3023.046	Wastewater	Walnut Creek WWTP 100 MGD Expansion	Debt	PLAN	2307	P008	Treatment Plant	1,000,000	1,000,000	-	-	-	\$ 2,000,000
3023.048	Wastewater	Walnut Creek WWTP Lead, Asbestos, and Surveying Services	Cash	4480	2307	4607	Treatment Plant	35,000	35,000	35,000	35,000	35,000	\$ 175,000
3023.055	Wastewater	Walnut Creek WWTP Stormwater Improvements	Cash	4480	2307	4662	Treatment Plant	500,000	450,000	180,000	-	-	\$ 1,130,000
3023.059	Wastewater	Walnut Creek WWTP Influent Lift Station	Debt	PLAN	2307	P276	Treatment Plant	-	200,000	275,000	500,000	600,000	\$ 1,575,000
3023.065	Wastewater	Walnut Creek WWTP Settled Wastewater Pump Replacement	Cash	4480	2307	4833	Treatment Plant	350,000	-	-	-	-	\$ 350,000
3164.047	Wastewater	Hornsby Bend Plant-wide Electrical Replacement	Debt	4570	2307	8035	Treatment Plant	-	-	-	580,000	1,250,000	\$ 1,830,000
3164.048	Wastewater	Hornsby Bend Side Stream Treatment Plant (SSTP) Relief	Debt	4570	2307	8036	Treatment Plant	800,000	3,500,000	1,325,000	-	-	\$ 5,625,000
3164.052	Wastewater	Hornsby Bend Odor Control	Debt	PLAN	2307	P154	Treatment Plant	-	-	-	-	500,000	\$ 500,000
3164.054	Wastewater	Hornsby Bend SCADA Control Room	Debt	PLAN	2307	P160	Treatment Plant	-	-	-	-	500,000	\$ 500,000
3164.059	Wastewater	Hornsby Bend Plant Road Renewal	Cash	4480	2307	4840	Treatment Plant	50,000	50,000	-	-	-	\$ 100,000
3164.060	Wastewater	Hornsby Bend Biosolids Management Plant Improvements-ADP	Cash	4480	2307	8237	Treatment Plant	300,000	500,000	500,000	500,000	500,000	\$ 2,300,000
3164.062	Wastewater	Hornsby Bend Thickener Complex Rehab	Debt	4570	2307	4680	Treatment Plant	500,000	3,500,000	1,700,000	500,000	-	\$ 6,200,000
3164.065	Wastewater	Hornsby Bend WWTP Lab and Admin Bldg HVAC Rehab - Phase I	Debt	PLAN	2307	P025	Treatment Plant	300,000	300,000	300,000	-	-	\$ 900,000
3164.066	Wastewater	Hornsby Bend WWTP Lab and Admin Bldg HVAC Rehab - Phase 2	Cash	PLAN	2307	P153	Treatment Plant	-	-	-	-	200,000	\$ 200,000
3164.070	Wastewater	Hornsby Bend Irrigation System Improvements	Debt	4570	2307	4667	Treatment Plant	540,000	5,900,000	2,660,000	500,000	7,000	\$ 9,607,000
3164.072	Wastewater	Hornsby Bend Process Ammonia Removal System	Debt	4570	2307	4668	Treatment Plant	-	-	-	800,000	1,400,000	\$ 2,200,000

5 Year Proposed Spending Plan Budget - FY 2017 through 2021

Detail by Utility, Department, and FDU Project Type

SPID	Utility	Subproject Name	Funding				FDU Project Type	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
			Type	Fund	Dept	Unit							
3164.074	Wastewater	Hornsby Bend Integration System Services	Cash	PLAN	2307	P269	Treatment Plant	125,000	-	-	-	-	\$ 125,000
3164.075	Wastewater	Hornsby Bend Influent Screen Improvements	Cash	PLAN	2307	P262	Treatment Plant	-	-	-	-	250,000	\$ 250,000
3164.076	Wastewater	Hornsby Bend Dewatering Belt Press	Cash	PLAN	2307	P263	Treatment Plant	-	-	100,000	500,000	250,000	\$ 850,000
3164.077	Wastewater	Hornsby Bend Centrifuge Improvements	Debt	PLAN	2307	P264	Treatment Plant	-	-	-	150,000	1,000,000	\$ 1,150,000
3164.078	Wastewater	Hornsby Bend Electrical Substation Improvements	Debt	PLAN	2307	P265	Treatment Plant	-	-	-	50,000	500,000	\$ 550,000
3164.080	Wastewater	Hornsby Bend Influent Screen Replacement	Cash	PLAN	2307	P303	Treatment Plant	200,000	-	-	-	-	\$ 200,000
3164.084	Wastewater	Hornsby Bend BMP Tree Mitigation Plan	Cash	4480	2307	4790	Treatment Plant	270,000	50,000	50,000	50,000	50,000	\$ 470,000
3333.010	Wastewater	SAR WWTP Plant Control System Upgrade	Debt	4570	2307	4746	Treatment Plant	110,000	535,000	935,000	835,000	-	\$ 2,415,000
3333.015	Wastewater	South Austin Regional WWTP Tertiary Filter Improvements	SWIFT	4570	2307	8040	Treatment Plant	4,000,000	6,000,000	6,000,000	6,000,000	5,930,000	\$ 27,930,000
3333.016	Wastewater	South Austin Regional WWTP Thickener Improvements	Cash	4480	2307	8078	Treatment Plant	1,340,000	2,640,000	2,090,000	1,590,000	1,500,000	\$ 9,160,000
3333.017	Wastewater	South Austin Regional WWTP Trains A & B Improvements	Cash	4480	2307	8041	Treatment Plant	750,000	750,000	5,000,000	7,300,000	4,000,000	\$ 17,800,000
3333.028	Wastewater	South Austin Regional WWTP Trains A&B Blower Replacement	Debt	4570	2307	4670	Treatment Plant	3,500,000	8,150,000	7,850,000	3,000,000	3,000,000	\$ 25,500,000
3333.032	Wastewater	South Austin Regional WWTP Electrical Substation No.1 Replacement	Debt	4570	2307	8043	Treatment Plant	1,070,000	1,500,000	5,175,000	5,175,000	2,000,000	\$ 14,920,000
3333.037	Wastewater	South Austin Regional WWTP Sludge Transfer Line	Debt	4570	2307	4699	Treatment Plant	-	175,000	800,000	2,080,000	1,700,000	\$ 4,755,000
3333.038	Wastewater	South Austin Regional WWTP Valve and Gate Replacement Phase 1	Debt	PLAN	2307	P011	Treatment Plant	1,000,000	220,000	-	-	-	\$ 1,220,000
3333.039	Wastewater	SAR WWTP Improvements-ADP Parent	Cash	PLAN	2307	P014	Treatment Plant	750,000	750,000	750,000	750,000	750,000	\$ 3,750,000
6621.007	Wastewater	Walnut Creek Wastewater Treatment Plant Security Access System Upgrade	Cash	PLAN	2307	P167	Treatment Plant	-	800,000	-	-	-	\$ 800,000
6621.008	Wastewater	Hornsby Bend Security Access System Upgrade	Cash	PLAN	2307	P168	Treatment Plant	-	800,000	-	-	-	\$ 800,000
6621.009	Wastewater	South Austin Regional WWTP Security Access System Upgrade	Debt	4570	2307	8187	Treatment Plant	-	800,000	-	-	-	\$ 800,000
6621.014	Wastewater	Govalle Security Access System Upgrade	Cash	PLAN	2307	P162	Treatment Plant	-	-	140,000	-	-	\$ 140,000
7265.004	Wastewater	Northeast WWTP Expansion to 1.5 MGD	Debt	4570	2307	8048	Treatment Plant	350,000	-	2,722,000	4,040,000	420,000	\$ 7,532,000
7265.005	Wastewater	Package WWTP Improvements Future Program	Debt	PLAN	2307	P329	Treatment Plant	-	350,000	350,000	350,000	350,000	\$ 1,400,000
7265.007	Wastewater	Onion Creek WWTP Demolition	Cash	4480	2307	4724	Treatment Plant	505,000	-	-	-	-	\$ 505,000
7265.012	Wastewater	Harris Branch WWTP Decommissioning	Debt	4570	2307	8244	Treatment Plant	63,000	420,000	-	-	-	\$ 483,000
7265.014	Wastewater	Dessau WWTP Expansion to 0.99 MGD	Debt	4570	2307	4761	Treatment Plant	-	1,780,000	2,380,000	420,000	-	\$ 4,580,000
7265.016	Wastewater	Anderson Mill WWTP Decommissioning	Cash	4480	2307	4861	Treatment Plant	63,000	420,000	-	-	-	\$ 483,000
9084.001	Wastewater	Facilities & Force Main Services-IDIQ	Cash	4480	2307	3301	Treatment Plant	420,000	420,000	420,000	420,000	420,000	\$ 2,100,000
Total - Treatment Plant								\$ 26,021,000	\$ 54,000,000	\$ 56,462,000	\$ 49,280,000	\$ 38,312,000	\$ 224,075,000
3185.007	Wastewater	Capital Equipment - Vehicles	Cash	4480	2307	4878	Other	3,153,000	-	-	-	-	\$ 3,153,000
3185.007	Wastewater	Capital Equipment - Vehicles	Cash/KO	PLAN	2307	P378	Other	-	1,176,000	1,176,000	1,400,000	1,400,000	\$ 5,152,000
Total - Vehicles and Equipment								\$ 3,153,000	\$ 1,176,000	\$ 1,176,000	\$ 1,400,000	\$ 1,400,000	\$ 8,305,000
3168.039	Wastewater	Waters Park Wastewater Relief Main	Debt	4570	2307	8837	Wastewater Collection	4,020,230	1,329,377	-	-	-	\$ 5,349,607
3212.136	Wastewater	TxDOT Utility Relocation: US 183 Bergstrom Exprway (US 290 to SH 71)	Debt	4570	2307	4742	Wastewater Collection	285,338	81,292	-	-	-	\$ 366,630
3212.141	Wastewater	TXDOT-Loop 1 Water Line Relocation: Davis Lane to La Crosse Avenue	Cash	4480	2307	4836	Wastewater Collection	18,380	-	-	-	-	\$ 18,380
4769.010	Wastewater	Harris Branch Interceptor Lower A	Debt	4570	2307	8843	Wastewater Collection	2,811,532	18,000	-	-	-	\$ 2,829,532
5403.003	Wastewater	Rio Grande St. Reconstruction and Utility Adjustment from 24th to 29th St.	Cash	4480	2307	4822	Wastewater Collection	47,500	47,500	-	-	-	\$ 95,000
6943.003	Wastewater	Lower Tannehill Wastewater Interceptor Improvements	Debt	PLAN	2307	P062	Wastewater Collection	-	-	-	-	20,000	\$ 20,000

5 Year Proposed Spending Plan Budget - FY 2017 through 2021

Detail by Utility, Department, and FDU Project Type

SPID	Utility	Subproject Name	Funding Type	Fund	Dept	Unit	FDU Project Type	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
6943.004	Wastewater	Parmer Lane Interceptor	Debt	4570	2307	8836	Wastewater Collection	4,979,890	10,995,370	7,721,510	5,408,700	-	\$ 29,105,470
6943.016	Wastewater	Flow Monitoring Improvements	Cash	PLAN	2307	P248	Wastewater Collection	-	-	480,000	480,000	-	\$ 960,000
6943.020	Wastewater	Walnut Creek WWTP to South Austin Regional WWTP Flow Transfer	Cash	PLAN	2307	P137	Wastewater Collection	332,800	705,600	705,600	-	-	\$ 1,744,000
6943.022	Wastewater	Canyon Creek Interceptor - Upsize	Debt	PLAN	2307	P099	Wastewater Collection	-	50,000	55,000	-	-	\$ 105,000
6943.025	Wastewater	Hergotz-Lockheed Wastewater Improvements	Debt	PLAN	2307	P196	Wastewater Collection	337,500	787,500	1,125,000	-	-	\$ 2,250,000
6943.026	Wastewater	Barton Creek Plaza Lift Station Downstream Improvements	Cash	4480	2307	4809	Wastewater Collection	250,000	1,350,000	1,350,000	-	-	\$ 2,950,000
6943.027	Wastewater	Crosstown Tunnel Centralized Odor Control Facility	Cash	PLAN	2307	P207	Wastewater Collection	500,000	500,000	1,000,000	2,500,000	1,000,000	\$ 5,500,000
6943.028	Wastewater	Onion Creek Tunnel Odor/Corrosion Control Improvements	Debt	PLAN	2307	P208	Wastewater Collection	-	-	-	-	100,000	\$ 100,000
6943.029	Wastewater	Barrington Way Forcemain Reroute and Gravity System Upgrade	Cash	4480	2307	4657	Wastewater Collection	104,000	-	-	-	-	\$ 104,000
6943.031	Wastewater	Williamson Creek Wastewater Interceptor	Debt	4570	2307	4849	Wastewater Collection	625,000	3,400,000	6,000,000	8,025,000	7,125,000	\$ 25,175,000
6943.032	Wastewater	Four Points Center Forcemain Improvements	Debt	4570	2307	4698	Wastewater Collection	816,500	6,000	-	-	-	\$ 822,500
6943.034	Wastewater	Carson Creek Basin Wastewater Line Improvements	Debt	4570	2307	4767	Wastewater Collection	315,000	2,051,500	-	-	-	\$ 2,366,500
6943.035	Wastewater	FM 973 Wastewater Line Improvements	Cash	4480	2307	4810	Wastewater Collection	1,500,000	-	-	-	-	\$ 1,500,000
6943.041	Wastewater	Barrington Oaks Downstream Gravity Improvements Phase 2	Debt	PLAN	2307	P293	Wastewater Collection	-	-	-	-	20,000	\$ 20,000
6943.042	Wastewater	Sanitary Sewer Evaluation Study - Crosstown Tunnel Area	Cash	4480	2307	4800	Wastewater Collection	745,000	-	-	-	-	\$ 745,000
6943.045	Wastewater	Upper Boggy Creek Wastewater Line Improvements	Cash	PLAN	2307	P274	Wastewater Collection	-	-	-	100,000	1,000,000	\$ 1,100,000
6943.046	Wastewater	Sanitary Sewer Evaluation Study - Walnut and Little Walnut Basins	Cash	4480	2307	4832	Wastewater Collection	480,000	480,000	-	-	-	\$ 960,000
6943.047	Wastewater	Review of the Collection System Odor and Corrosion Control Systems	Cash	PLAN	2307	P349	Wastewater Collection	100,000	100,000	-	-	-	\$ 200,000
6943.049	Wastewater	Thousand Oaks Interceptor	Cash	PLAN	2307	P171	Wastewater Collection	20,000	131,600	1,316,000	2,289,600	5,251,200	\$ 9,008,400
6961.002	Wastewater	Colorado St. Reconstruction and Utility Adjustments from 7th St to 10th St	Debt	4570	2307	4703	Wastewater Collection	165,000	5,000	-	-	-	\$ 170,000
7678.001	Wastewater	Justin Lane from Burnet to Lamar	Cash	4480	2307	4821	Wastewater Collection	26,017	4,342	-	-	-	\$ 30,359
7678.001	Wastewater	Justin Lane from Burnet to Lamar	Cash	PLAN	2307	P385	Wastewater Collection	16,000	12,000	-	-	-	\$ 28,000
9083.006	Wastewater	Waller Creek District - Sabine St. Promenade	Debt	4570	2307	4772	Wastewater Collection	60,000	-	-	-	-	\$ 60,000
Total - Wastewater Collection								\$ 18,555,687	\$ 22,055,081	\$ 19,753,110	\$ 18,803,300	\$ 14,516,200	\$ 93,683,378
Total - Wastewater								\$ 69,066,781	\$ 103,504,122	\$ 103,855,771	\$ 93,677,650	\$ 82,324,700	\$ 452,429,024
Total - Utility								\$ 164,898,166	\$ 204,313,513	\$ 191,460,259	\$ 170,770,913	\$ 154,613,665	\$ 886,056,516

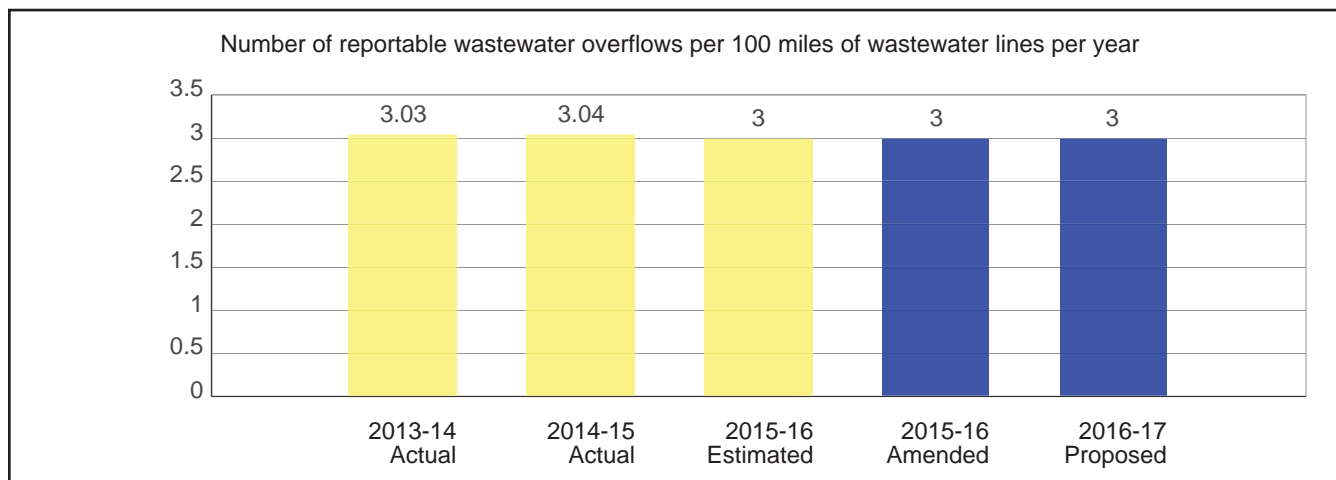
Austin Water

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
Requirements					
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
Total Requirements	\$4,951,275	\$4,960,237	\$5,212,267	\$5,181,992	\$6,248,303
Full-Time Equivalents					
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
Total FTEs	25.00	24.00	24.00	24.00	24.00
Performance Measures					
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
Number of reportable wastewater overflows per 100 miles of wastewater lines per year	3.03	3.04	3	3	3

Services

Engineering technical services for wastewater collection and water mains.

Contact

Kevin Koeller, Manager, 512-972-2055

Bold Measure = Key Indicator

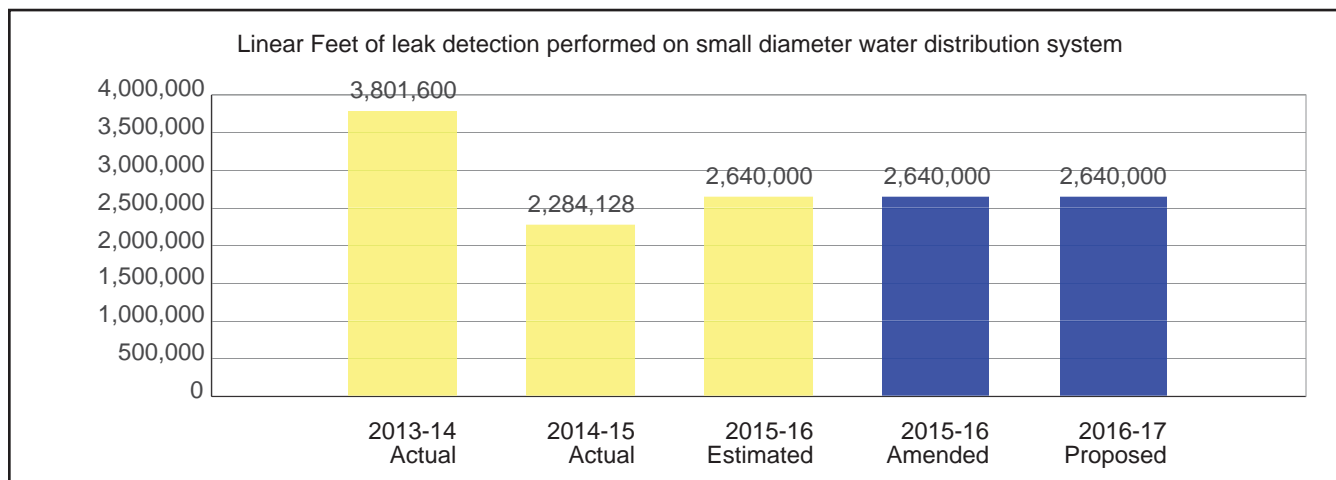
Austin Water

Budget Detail by Activity

Program: Engineering Services

Activity: Distribution System Engineering

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



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
Requirements					
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
Total Requirements	\$4,969,442	\$5,060,346	\$2,899,150	\$2,852,557	\$3,775,212
Full-Time Equivalents					
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
Total FTEs	34.00	35.00	17.00	17.00	18.00
Performance Measures					
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

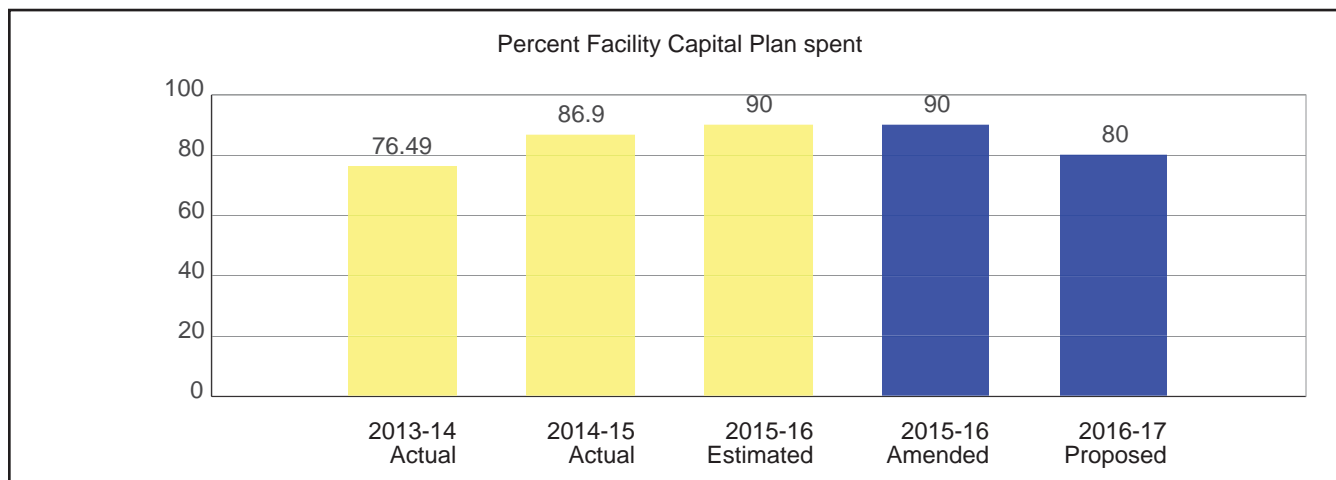
Austin Water

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
Requirements					
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
Total Requirements	\$3,524,789	\$3,726,957	\$3,912,839	\$3,918,857	\$4,062,629
Full-Time Equivalents					
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
Total FTEs	29.00	29.50	30.00	30.00	31.00
Performance Measures					
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

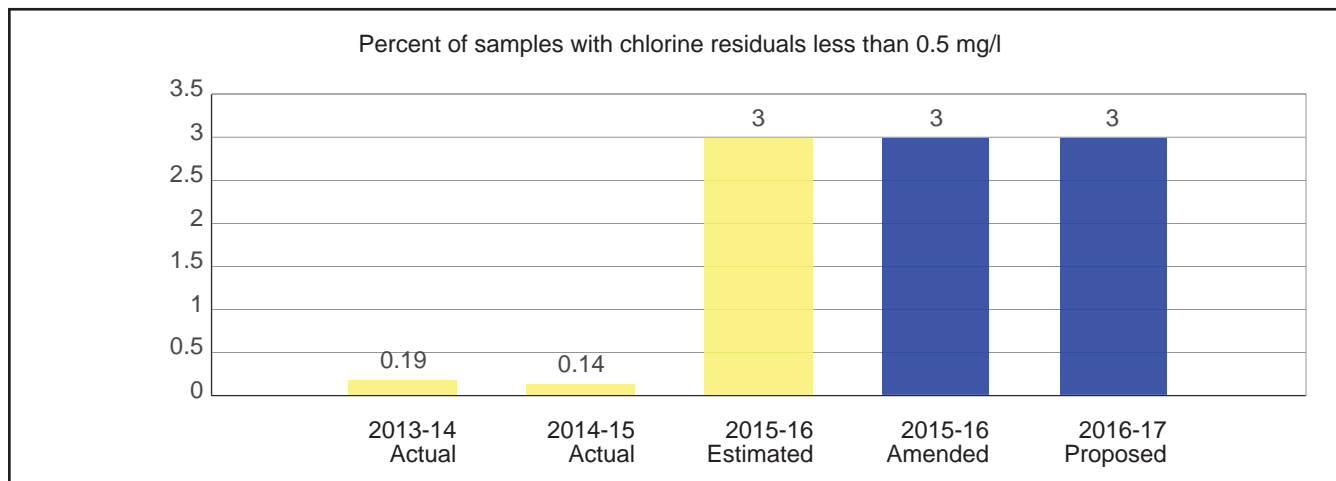
Austin Water

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
Requirements					
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
Total Requirements	\$1,223,028	\$1,297,238	\$1,233,670	\$1,231,902	\$1,305,721
Full-Time Equivalents					
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
Total FTEs	11.00	10.00	10.00	10.00	10.00
Performance Measures					
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

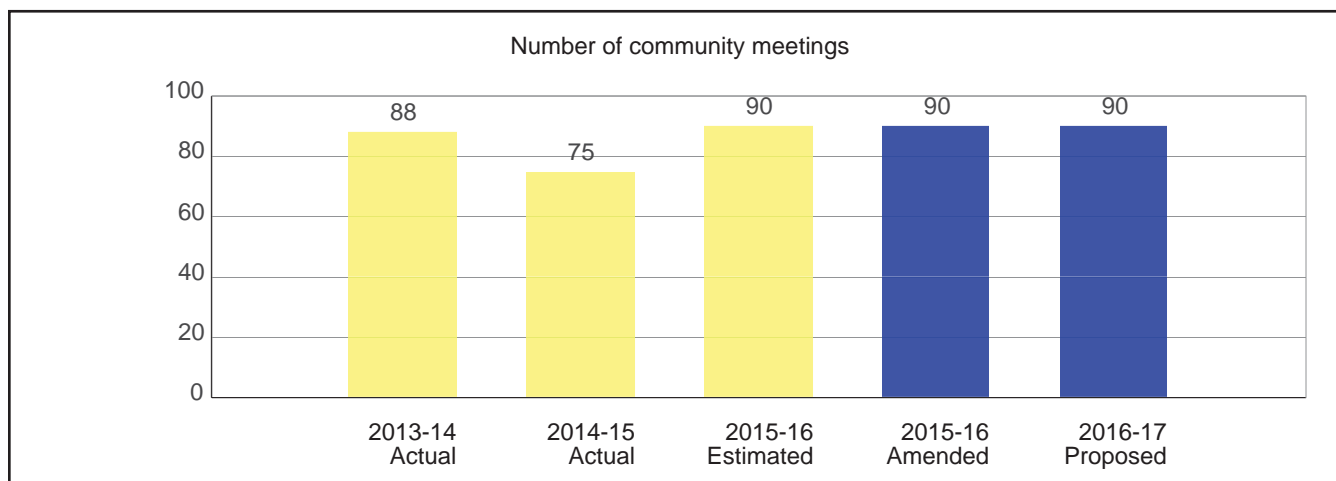
Austin Water

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
Requirements					
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
Total Requirements	\$2,315,177	\$1,876,446	\$1,976,856	\$1,947,850	\$1,991,347
Full-Time Equivalents					
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
Total FTEs	8.35	7.85	8.00	8.00	9.00
Performance Measures					
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

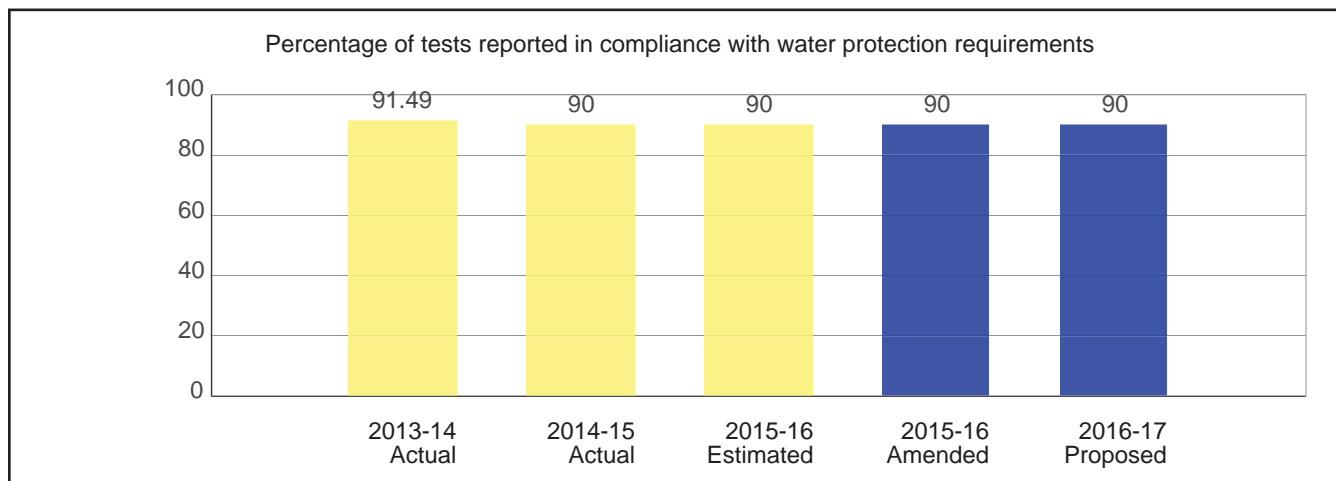
Austin Water

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
Requirements					
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
Total Requirements	\$2,816,419	\$2,913,320	\$2,894,669	\$2,893,070	\$2,975,745
Full-Time Equivalents					
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
Total FTEs	31.30	31.35	29.85	29.85	29.35
Performance Measures					
Number of pass through and interference events caused by industrial users	0	0	0	0	0
Percentage of tests reported in compliance with water protection requirements	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

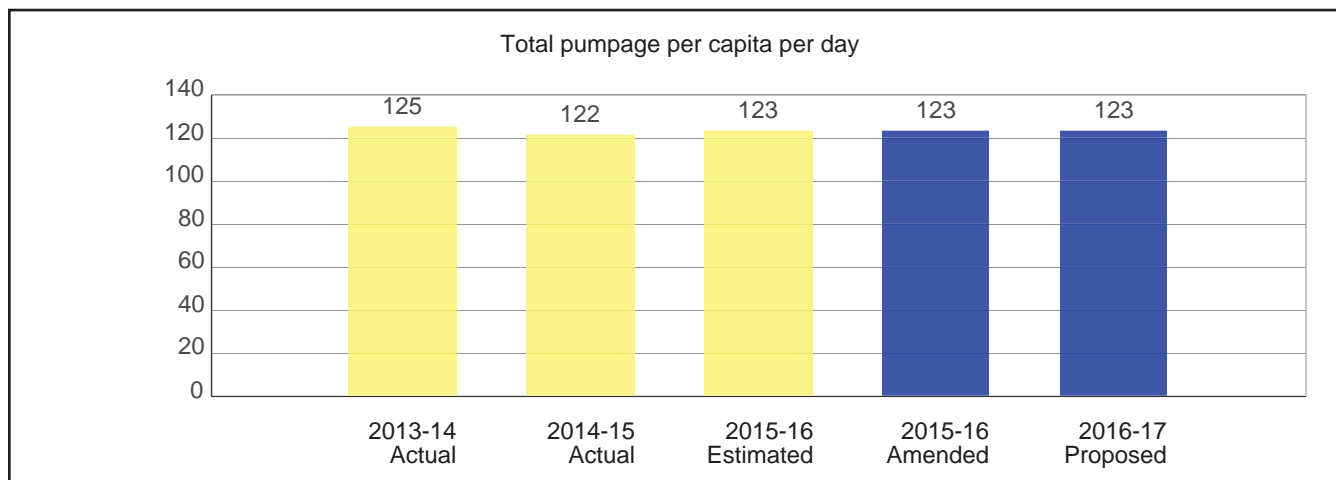
Austin Water

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
Requirements					
Water Utility Operating Fund	2,846,740	2,859,483	3,343,219	4,333,831	4,209,195
Total Requirements	\$2,846,740	\$2,859,483	\$3,343,219	\$4,333,831	\$4,209,195
Full-Time Equivalents					
Water Utility Operating Fund Civilian	20.00	20.00	20.00	20.00	20.00
Total FTEs	20.00	20.00	20.00	20.00	20.00
Performance Measures					
Peaking Factor (ratio of maximum daily demand to average daily demand)	1.55	1.737	1.55	1.55	1.55
Total pumpage per capita per day	125	122	123	123	123

Services

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

Contact

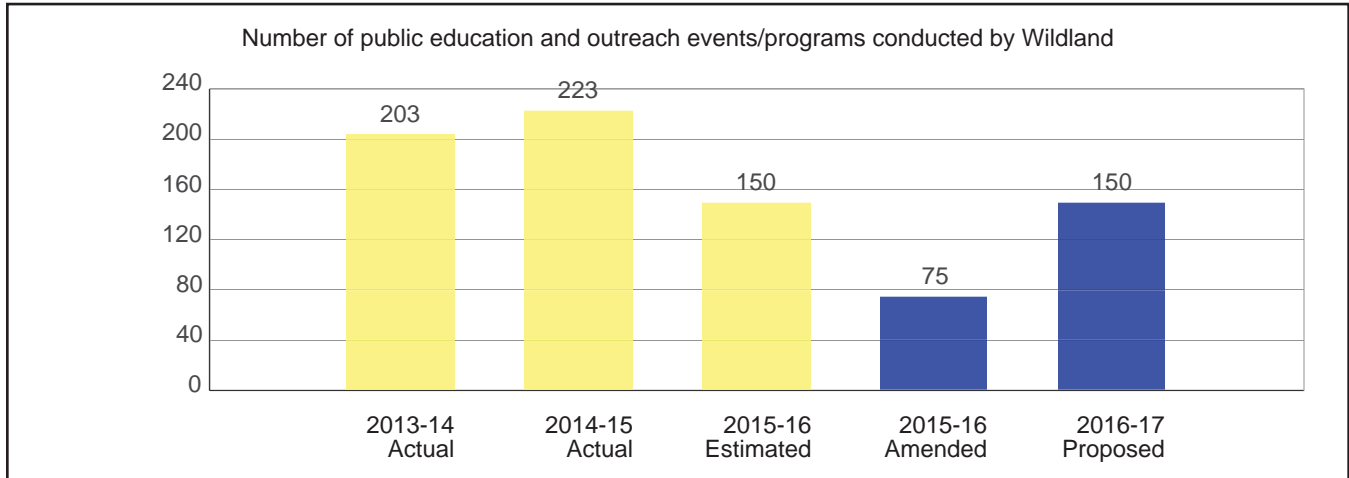
Drema Gross, Manager, 512-974-2787

Austin Water Budget Detail by Activity

Program: Environmental Affairs & Conservation

Activity: Wildland Conservation

The purpose of 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
Requirements					
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
Total Requirements	\$2,519,824	\$2,477,930	\$2,774,960	\$2,795,294	\$2,957,543
Full-Time Equivalents					
Water Utility Operating Fund Civilian	21.00	21.00	22.00	22.00	22.00
Total FTEs	21.00	21.00	22.00	22.00	22.00
Performance Measures					
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

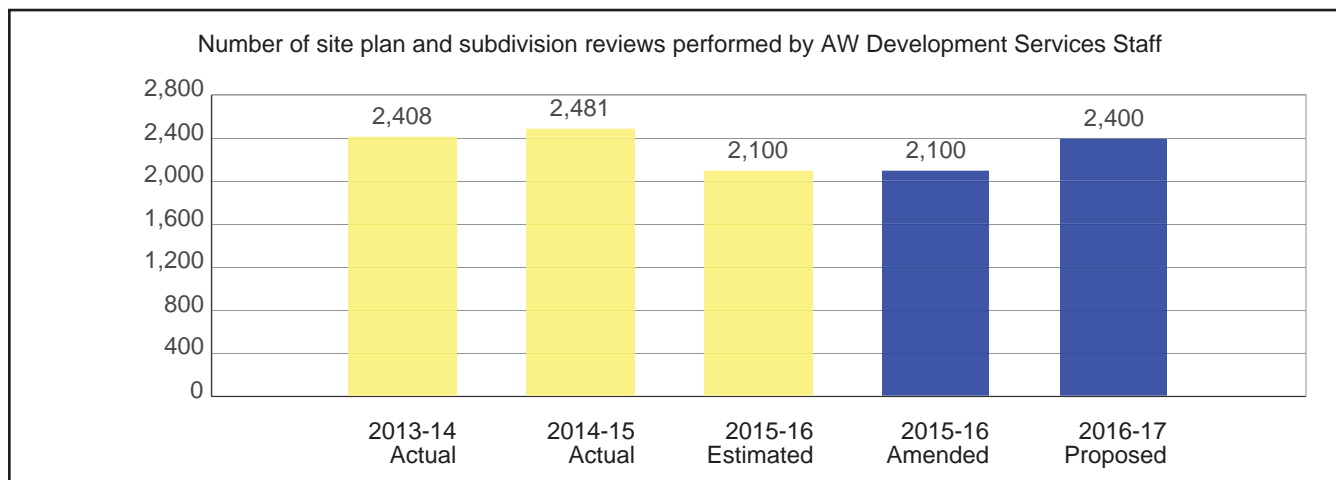
Austin Water

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
Requirements					
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
Total Requirements	\$558,093	\$599,703	\$652,537	\$652,861	\$853,329
Full-Time Equivalents					
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
Total FTEs	6.00	6.95	6.45	6.45	8.95
Performance Measures					
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

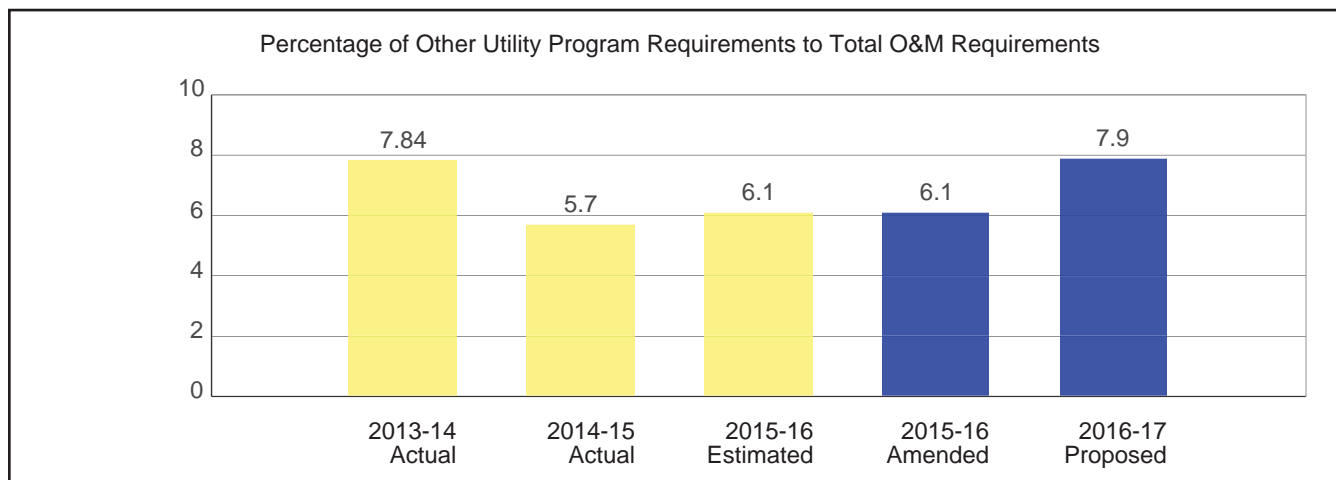
Austin Water

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
Requirements					
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
Total Requirements	\$14,408,407	\$9,807,723	\$11,156,073	\$11,208,923	\$15,422,202
Performance Measures					
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

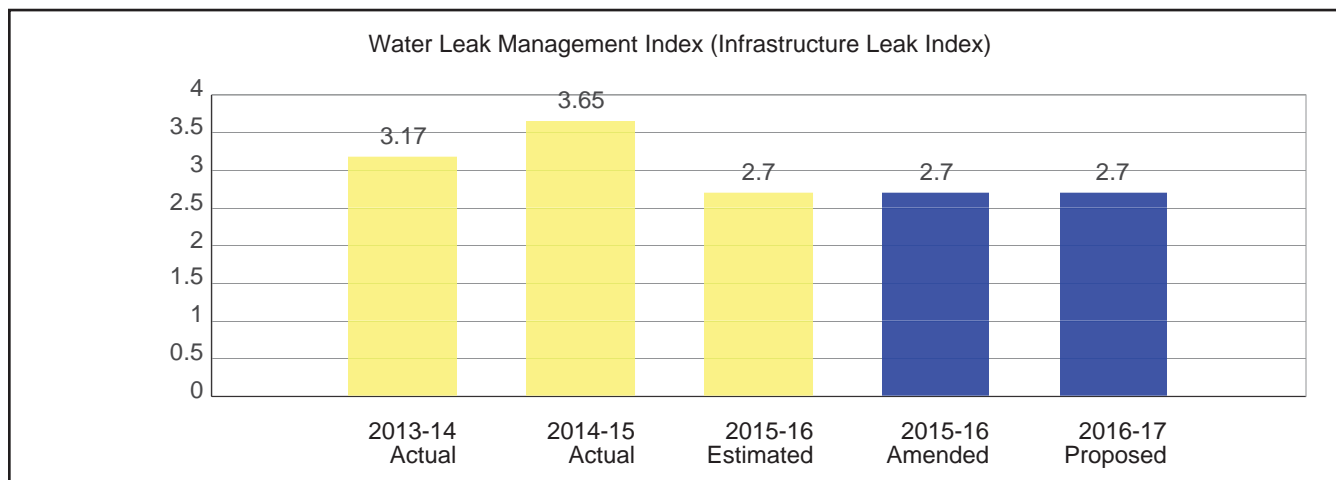
Austin Water

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
Requirements					
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
Total Requirements	\$2,811,086	\$3,018,118	\$3,352,890	\$3,324,011	\$3,555,814
Full-Time Equivalents					
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
Total FTEs	36.33	39.00	39.00	39.00	40.00
Performance Measures					
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

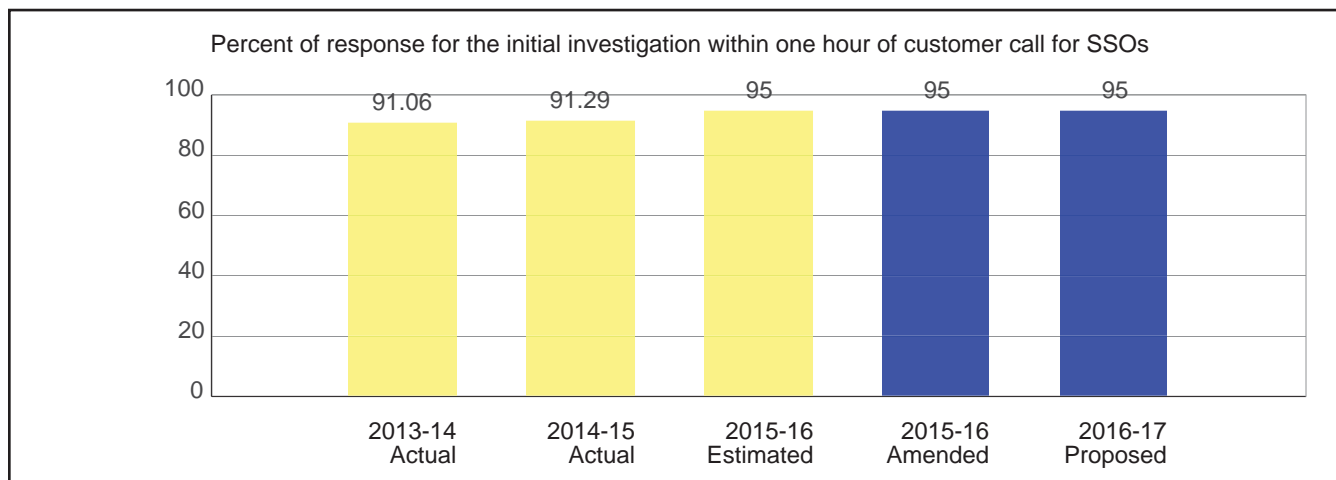
Austin Water

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
Requirements					
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
Total Requirements	\$15,314,293	\$15,661,123	\$15,997,101	\$15,911,794	\$16,973,059
Full-Time Equivalents					
Wastewater Utility Operating Fund					
Civilian	141.59	141.62	139.62	139.62	137.82
Total FTEs	141.59	141.62	139.62	139.62	137.82
Performance Measures					
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

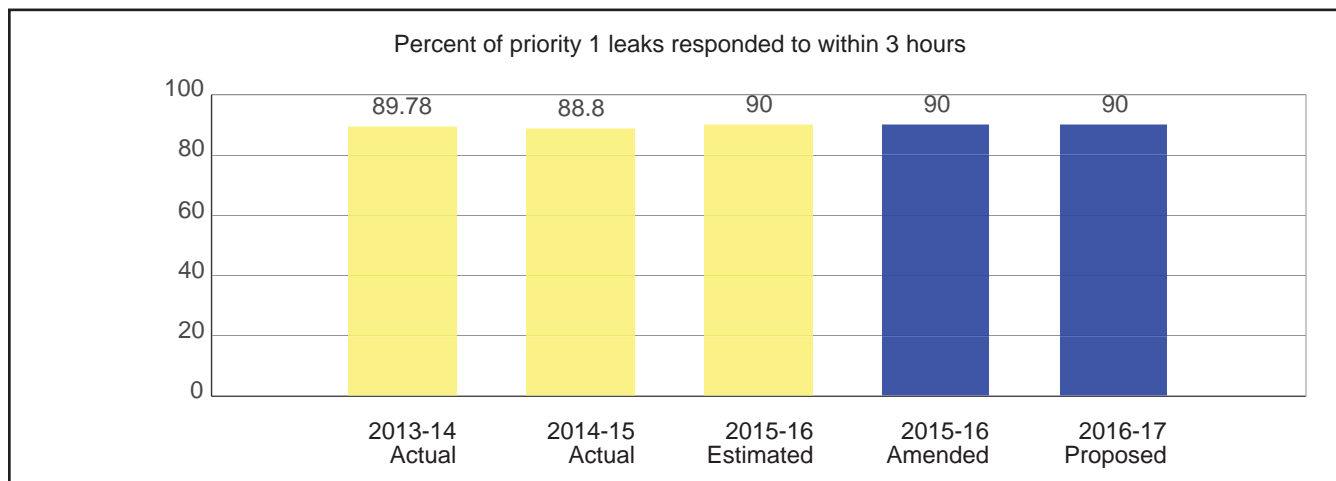
Austin Water

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
Requirements					
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
Total Requirements	\$22,578,187	\$22,634,271	\$23,560,528	\$23,177,548	\$25,763,364
Full-Time Equivalents					
Water Utility Operating Fund					
Civilian	173.08	168.38	170.38	170.38	175.18
Total FTEs	173.08	168.38	170.38	170.38	175.18
Performance Measures					
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
Percent of priority 1 leaks responded to within 3 hours	89.78	88.8	90	90	90

Services

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

Contact

Daniel Layton, Operations Manager, 512-972-1034

Bold Measure = Key Indicator

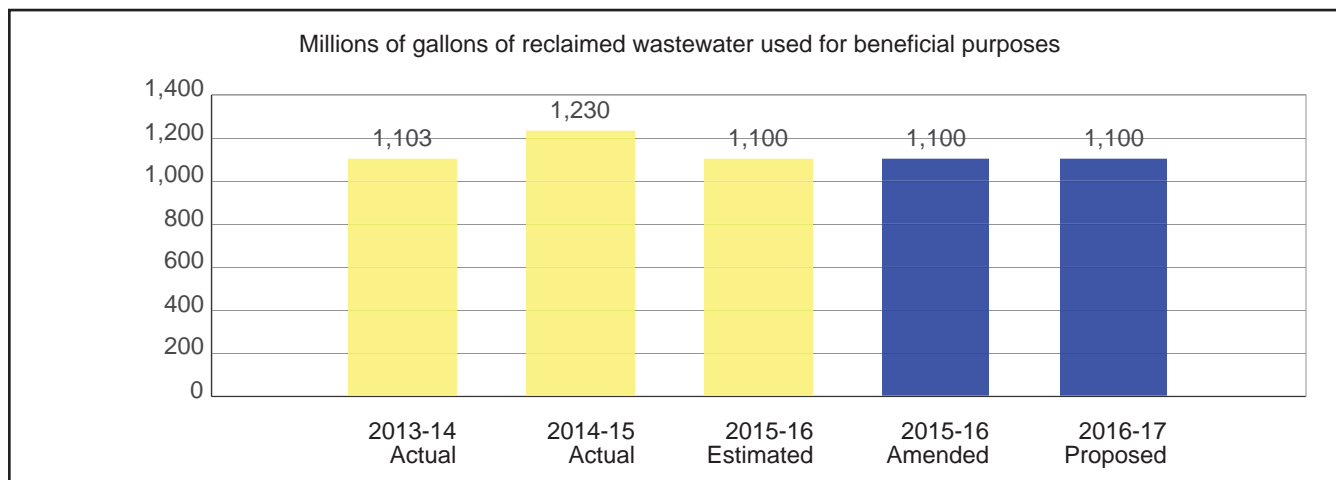
Austin Water

Budget Detail by Activity

Program: Reclaimed Water Services

Activity: Reclaimed Water Services Support

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



	2013-14 Actual	2014-15 Actual	2015-16 Estimated	2015-16 Amended	2016-17 Proposed
Requirements					
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
Total Requirements	\$314,442	\$340,713	\$377,189	\$390,359	\$418,793
Full-Time Equivalents					
Reclaimed Water Utility Operating Fund Civilian	3.00	3.00	3.00	3.00	3.00
Total FTEs	3.00	3.00	3.00	3.00	3.00
Performance Measures					
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

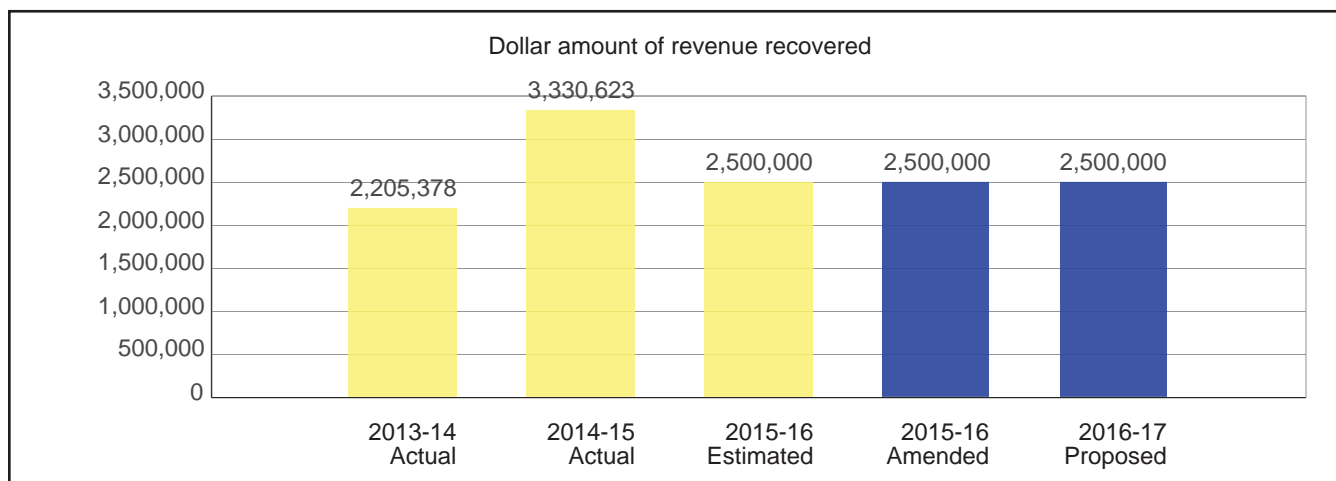
Austin Water

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
Requirements					
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
Total Requirements	\$22,584,764	\$22,255,394	\$23,801,620	\$23,048,269	\$26,136,064
Full-Time Equivalents					
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
Total FTEs	174.20	173.20	172.70	172.70	177.70
Performance Measures					
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
Credit rating for separate-lien water utility revenue bonds	AA	AA	AA	AA	AA

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

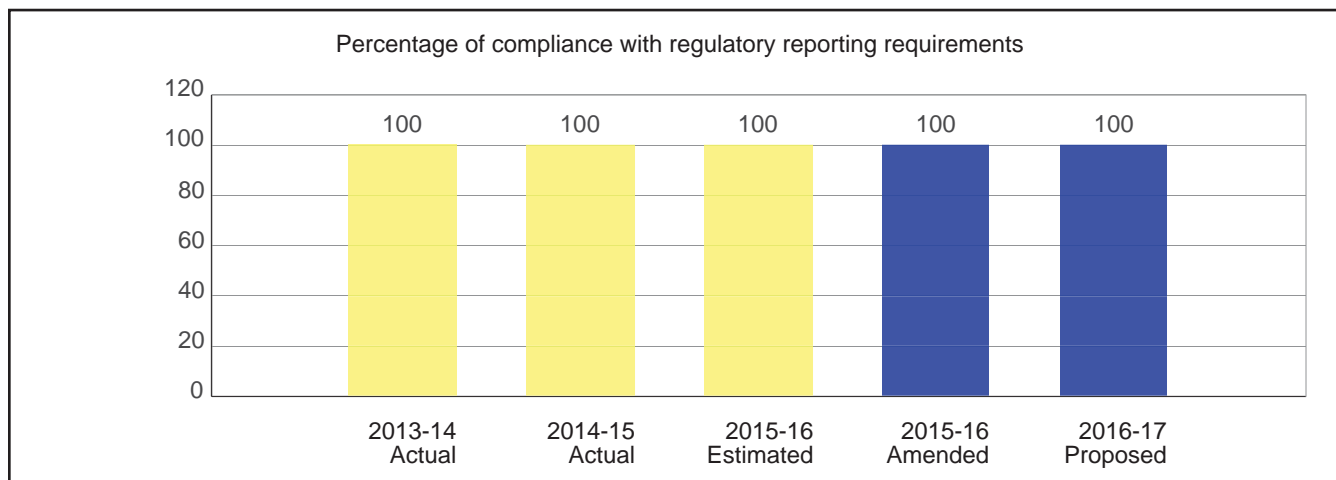
Austin Water

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
Requirements					
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
Total Requirements	\$1,086,031	\$972,152	\$922,694	\$922,189	\$996,658
Full-Time Equivalents					
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
Total FTEs	7.00	7.00	7.00	7.00	7.00
Performance Measures					
Percent digester effluent biosolids reused as compost, land applied or given as Class A biosolid	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

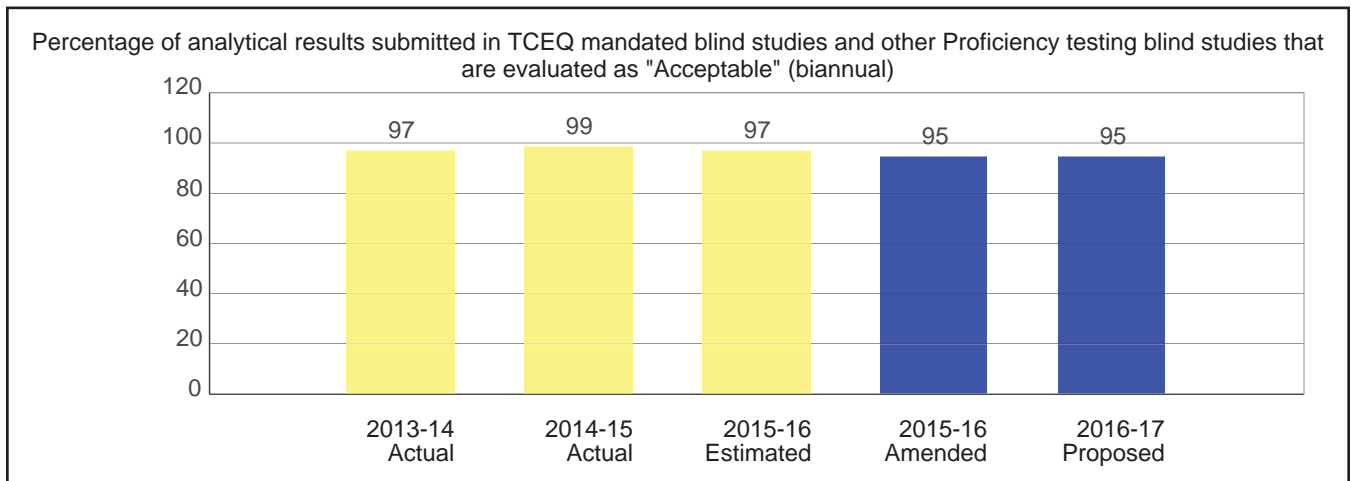
Austin Water

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
Requirements					
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
Total Requirements	\$11,044,541	\$11,967,156	\$13,661,961	\$13,736,224	\$14,147,028
Full-Time Equivalents					
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
Total FTEs	106.00	108.00	108.00	108.00	109.00
Performance Measures					
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

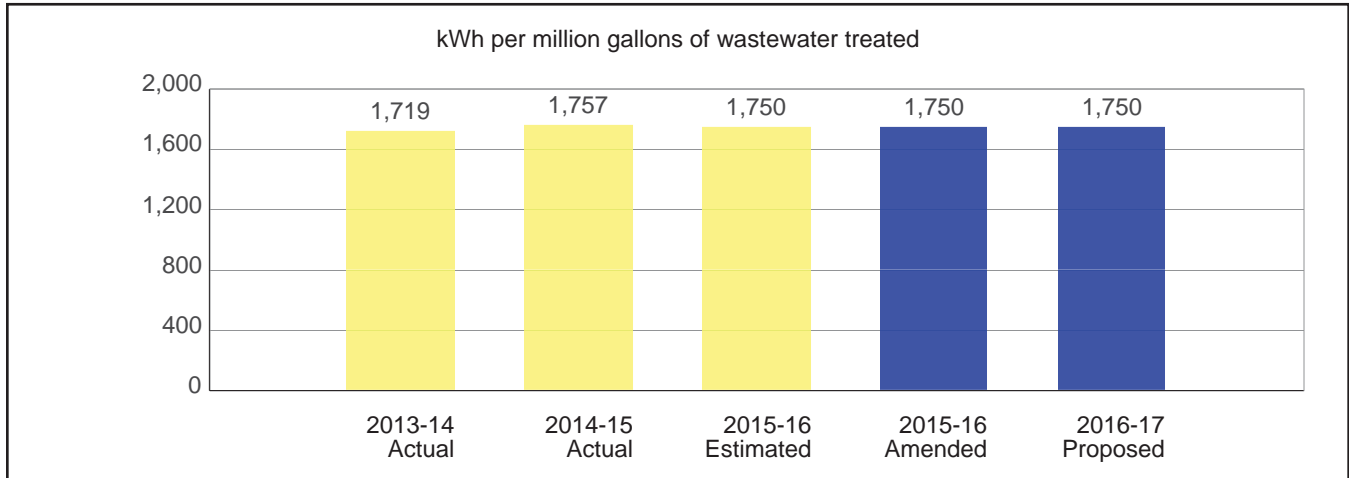
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Austin Water Budget Detail by Activity

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
Requirements					
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
Total Requirements	\$31,569,469	\$29,308,782	\$32,387,351	\$31,897,130	\$31,658,157
Full-Time Equivalents					
Wastewater Utility Operating Fund					
Civilian	149.50	143.50	144.50	144.50	148.00
Total FTEs	149.50	143.50	144.50	144.50	148.00
Performance Measures					
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
Wastewater Quality: Carbonaceous Biochemical Oxygen Demand (CBOD)	2.15	2.19	3	3	3

Services

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

Contact

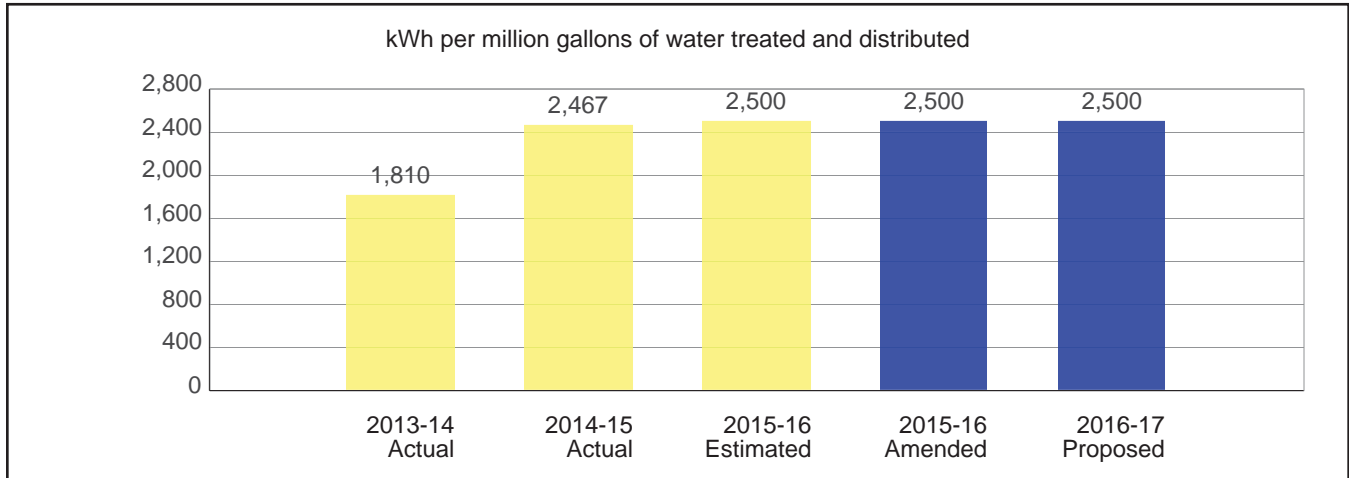
Ayman Benyamin, Manager, AWU Operations 512-972-2040

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
Requirements					
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
Total Requirements	\$31,113,352	\$30,135,566	\$31,925,542	\$31,750,677	\$31,201,130
Full-Time Equivalents					
Water Utility Operating Fund Civilian	138.00	136.00	136.00	136.00	138.00
Total FTEs	138.00	136.00	136.00	136.00	138.00
Performance Measures					
kWh per million gallons of water treated and distributed	1,810	2,467	2,500	2,500	2,500
Drinking Water Quality: Turbidity	0.11	0.08	0.1	0.1	0.1

Services

Water treatment; Sludge disposal; Process control; Regulatory documentation

Contact

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

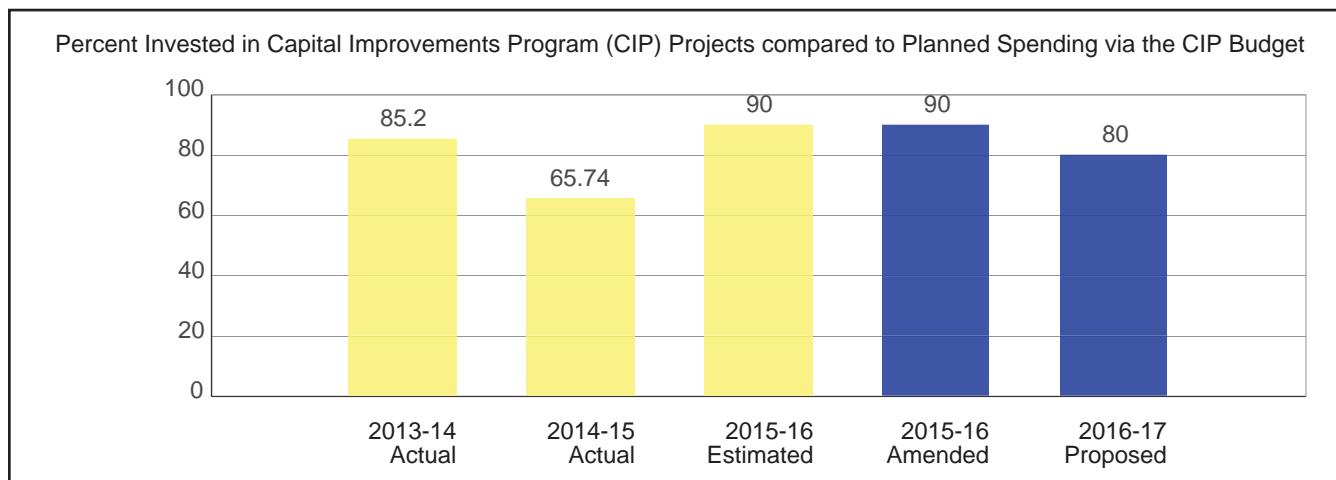
Austin Water

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
Requirements					
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
Total Requirements	\$1,059,721	\$934,727	\$2,233,227	\$2,321,026	\$2,108,873
Full-Time Equivalents					
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
Total FTEs	9.00	8.00	18.00	18.00	18.00
Performance Measures					
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
Percent Invested in Capital Improvements Program (CIP) Projects compared to Planned Spending via the CIP Budget	85.2	65.74	90	90	80

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

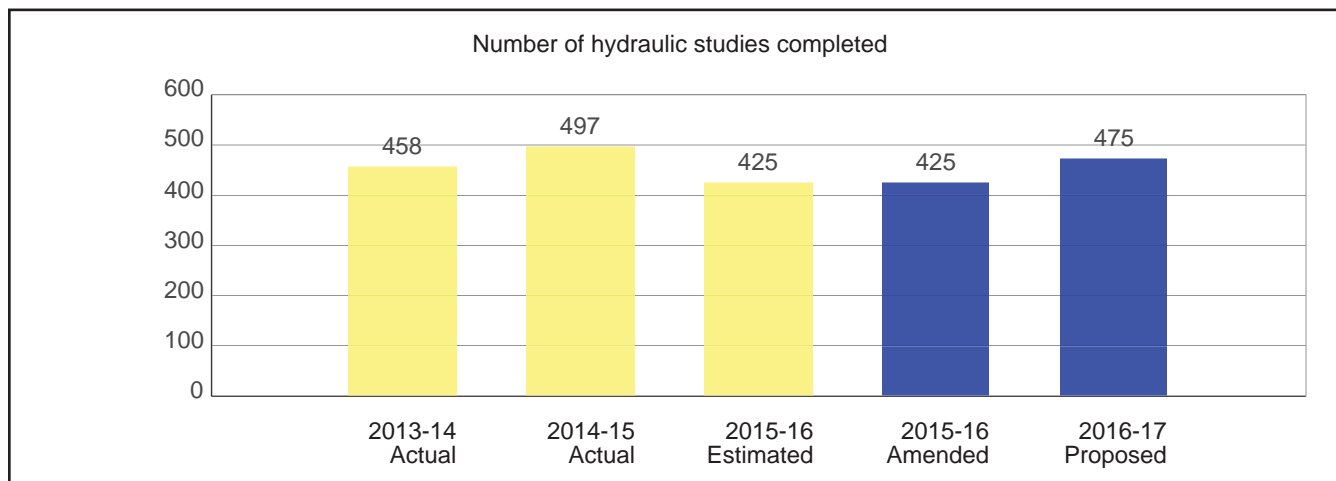
Austin Water

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
Requirements					
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
Total Requirements	\$2,000,761	\$2,126,587	\$2,171,854	\$2,154,439	\$2,175,361
Full-Time Equivalents					
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
Total FTEs	18.00	19.00	17.00	17.00	16.00
Performance Measures					
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

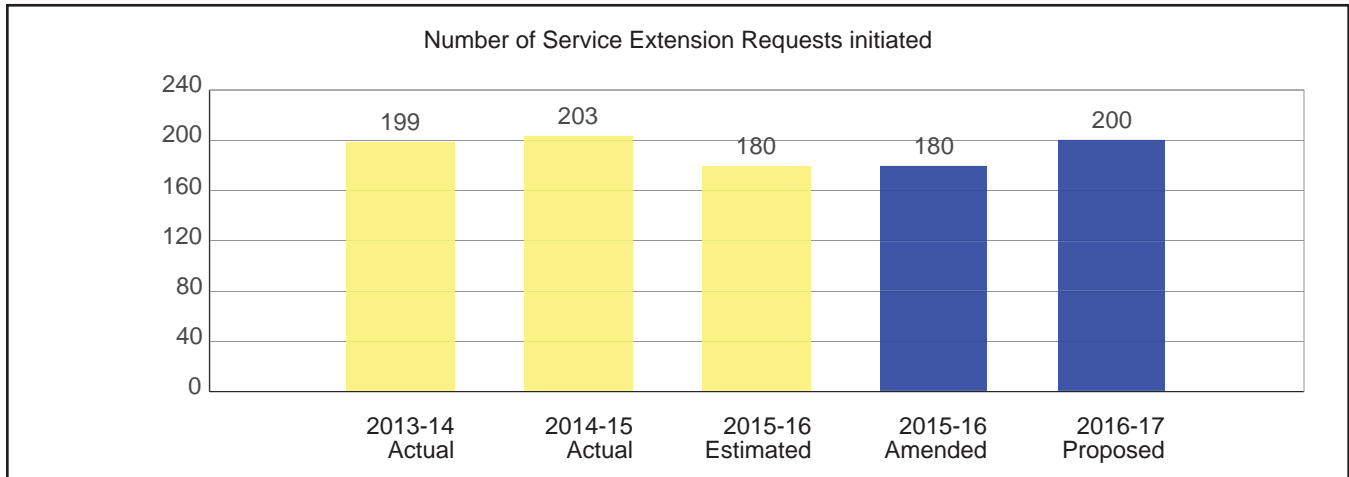
Austin Water

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
Requirements					
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
Total Requirements	\$1,659,005	\$1,573,307	\$2,875,924	\$3,026,894	\$4,333,166
Full-Time Equivalents					
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
Total FTEs	16.00	15.00	26.00	26.00	28.00
Performance Measures					
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
Requirements					
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
Total Requirements	\$331,432,858	\$332,745,825	\$352,204,222	\$353,710,853	\$374,423,145

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
Requirements					
Engineering Services	\$7,172,121	\$6,580,926	\$6,017,179	\$5,850,767	\$6,952,209
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
Environmental Affairs & Conservation	\$2,810,726	\$2,901,716	\$2,898,568	\$2,882,864	\$2,986,624
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
One Stop Shop	\$293,616	\$340,700	\$409,107	\$410,048	\$472,876
Inspection, Review, and Support	293,616	340,700	409,107	410,048	472,876
Other Utility Program Requirements	\$5,448,233	\$4,281,256	\$5,259,548	\$4,603,300	\$6,896,287
Other Utility Program Requirements	5,448,233	4,281,256	5,259,548	4,603,300	6,896,287
Pipeline Operations	\$16,668,881	\$16,968,327	\$17,616,884	\$17,415,620	\$18,688,829
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
Support Services	\$10,730,697	\$10,871,915	\$11,689,821	\$11,298,993	\$12,833,279
Departmental Support Services	10,730,697	10,871,915	11,689,821	11,298,993	12,833,279
Transfers and Other Requirements	\$160,561,985	\$153,034,718	\$158,174,398	\$159,555,495	\$168,309,975
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
Treatment	\$38,155,878	\$36,331,392	\$40,086,327	\$39,600,215	\$39,653,089
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
Water Resources Management	\$2,550,297	\$2,453,276	\$3,776,566	\$3,914,065	\$4,559,967
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
Total	\$244,392,435	\$233,764,227	\$245,928,398	\$245,531,367	\$261,353,135

Full-Time Equivalents (FTEs)

Engineering Services	44.60	45.10	36.58	36.58	36.57
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
Environmental Affairs & Conservation	28.02	27.72	26.20	26.20	26.20
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
One Stop Shop	2.90	3.35	3.95	3.95	5.45
Inspection, Review, and Support	2.90	3.35	3.95	3.95	5.45
Pipeline Operations	159.59	161.12	159.12	159.12	157.82
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
Support Services	87.06	86.31	85.32	85.32	87.82
Departmental Support Services	87.06	86.31	85.32	85.32	87.82
Treatment	215.60	210.20	211.02	211.02	215.02
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
Water Resources Management	25.05	23.55	33.40	33.40	34.35
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
Total	562.82	557.35	555.59	555.59	563.23

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
Requirements					
Other Utility Program Requirements	\$23,305	\$27,251	\$21,508	\$21,567	\$23,768
Other Utility Program Requirements	23,305	27,251	21,508	21,567	23,768
Reclaimed Water Services	\$314,442	\$339,436	\$375,185	\$388,355	\$416,789
Reclaimed Water Services Support	314,442	339,436	375,185	388,355	416,789
Transfers and Other Requirements	\$4,820,751	\$3,937,949	\$4,567,693	\$4,845,796	\$4,469,080
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
Total	\$5,158,498	\$4,304,636	\$4,964,386	\$5,255,718	\$4,909,637

Full-Time Equivalents (FTEs)

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

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
Requirements					
Engineering Services	\$6,273,385	\$5,097,166	\$4,084,972	\$3,508,770	\$4,912,562
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
Environmental Affairs & Conservation	\$8,910,376	\$7,400,639	\$7,989,518	\$8,971,238	\$9,022,829
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
One Stop Shop	\$264,477	\$259,002	\$243,430	\$242,813	\$250,758
Inspection, Review, and Support	264,477	259,002	243,430	242,813	250,758
Other Utility Program Requirements	\$8,828,522	\$5,462,993	\$5,875,017	\$6,584,056	\$8,502,147
Other Utility Program Requirements	8,828,522	5,462,993	5,875,017	6,584,056	8,502,147
Pipeline Operations	\$24,012,343	\$23,155,446	\$23,798,821	\$23,804,505	\$25,877,347
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
Support Services	\$11,499,852	\$10,955,674	\$11,813,288	\$11,450,765	\$13,002,785
Departmental Support Services	11,499,852	10,955,674	11,813,288	11,450,765	13,002,785
Transfers and Other Requirements	\$166,050,122	\$175,773,157	\$189,462,131	\$189,309,562	\$201,644,090
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
Treatment	\$36,290,816	\$35,640,832	\$38,549,967	\$38,261,876	\$38,063,429
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
Water Resources Management	\$2,169,190	\$2,181,345	\$3,482,048	\$3,588,294	\$4,031,644
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
Total	\$264,299,084	\$265,926,255	\$285,299,192	\$285,721,879	\$305,307,591

Full-Time Equivalents (FTEs)

Engineering Services	43.40	43.40	34.42	34.42	36.43
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
Environmental Affairs & Conservation	63.63	62.48	63.65	63.65	64.15
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
One Stop Shop	3.10	3.60	2.50	2.50	3.50
Inspection, Review, and Support	3.10	3.60	2.50	2.50	3.50
Pipeline Operations	191.41	187.88	189.88	189.88	195.18
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
Support Services	87.14	86.89	87.38	87.38	89.88
Departmental Support Services	87.14	86.89	87.38	87.38	89.88
Treatment	184.90	184.30	184.48	184.48	186.98
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
Water Resources Management	17.95	18.45	27.60	27.60	27.65
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
Total	591.53	587.00	589.91	589.91	603.77

Austin Water: 2016-17

<i>Expense Refunds</i>	2013-14	2014-15	2015-16	2015-16	2016-17
	Actual	Actual	Estimated	Amended	Proposed
Requirements					
Engineering Services	\$0	\$2,069,448	\$1,922,105	\$2,593,869	\$2,221,373
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
Environmental Affairs & Conservation	\$86	\$1,122,063	\$1,335,288	\$1,347,845	\$1,430,098
Special Services	86	111	0	0	0
Wildland Conservation	0	1,121,952	1,335,288	1,347,845	1,430,098
One Stop Shop	\$0	\$0	\$0	\$0	\$129,695
Inspection, Review, and Support	0	0	0	0	129,695
Other Utility Program Requirements	\$108,346	\$36,222	\$0	\$0	\$0
Other Utility Program Requirements	108,346	36,222	0	0	0
Pipeline Operations	\$22,341	\$1,189,739	\$1,494,814	\$1,193,228	\$1,726,061
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
Reclaimed Water Services	\$0	\$1,278	\$2,004	\$2,004	\$2,004
Reclaimed Water Services Support	0	1,278	2,004	2,004	2,004
Support Services	\$354,215	\$427,806	\$298,511	\$298,511	\$300,000
Departmental Support Services	354,215	427,806	298,511	298,511	300,000
Treatment	\$366,698	\$411,431	\$261,254	\$444,129	\$286,455
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
Water Resources Management	\$0	\$0	\$22,391	\$0	\$25,789
Infrastructure Management	0	0	14,739	0	17,024
Utility Development Services	0	0	7,652	0	8,765
Total	\$851,687	\$5,257,987	\$5,336,367	\$5,879,586	\$6,121,475

Austin Water Utility Fund - Combined

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 ESTIMATED	2015-16 AMENDED	2016-17 PROPOSED
BEGINNING BALANCE	58,187,038	52,261,960	81,483,019	77,405,715	134,661,011
REVENUE					
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
Total Revenue	481,337,430	519,949,234	567,338,955	548,807,215	580,143,683
TRANSFERS IN					
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
Total Transfers In	24,860,438	11,660,582	22,031,013	22,031,013	23,995,013
TOTAL AVAILABLE FUNDS	506,197,868	531,609,816	589,369,968	570,838,228	604,138,696
PROGRAM REQUIREMENTS					
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
Total Program Requirements	182,417,158	171,249,292	183,987,754	182,798,111	197,147,218
OTHER REQUIREMENTS					
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
Total Other Requirements	17,462,344	16,260,595	19,456,432	19,437,433	22,459,831
DEBT SERVICE REQUIREMENTS					
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
Total Debt Service Requirements	212,481,181	213,973,161	199,188,930	199,878,795	205,123,180
TRANSFERS OUT					
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
Total Transfers Out	101,489,333	102,512,069	133,558,860	134,394,625	146,840,134
TOTAL REQUIREMENTS	513,850,016	503,995,118	536,191,976	536,508,964	571,570,363
EXCESS (DEFICIENCY) OF TOTAL AVAILABLE FUNDS OVER TOTAL REQUIREMENTS	(7,652,148)	27,614,698	53,177,992	34,329,264	32,568,333
ADJUSTMENT TO GAAP	1,727,070	1,606,361	0	0	0
ENDING BALANCE	52,261,960	81,483,019	134,661,011	111,734,979	167,229,344

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
BEGINNING BALANCE	15,880,830	13,249,715	30,432,529	29,748,765	62,508,631
REVENUE					
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
Total Revenue	243,835,832	276,094,422	306,312,003	288,078,963	301,987,003
TRANSFERS IN					
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
Total Transfers In	17,350,147	6,450,291	11,063,291	11,063,291	15,064,291
TOTAL AVAILABLE FUNDS	261,185,979	282,544,713	317,375,294	299,142,254	317,051,294
PROGRAM REQUIREMENTS					
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
Total Program Requirements	98,248,962	90,153,097	95,837,061	96,412,317	103,663,501
OTHER REQUIREMENTS					
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
Total Other Requirements	13,160,215	11,891,126	14,048,888	14,044,869	14,146,227
DEBT SERVICE REQUIREMENTS					
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
Total Debt Service Requirements	108,406,606	112,488,809	103,450,567	103,466,252	109,112,808
TRANSFERS OUT					
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
Total Transfers Out	44,483,301	51,393,222	71,962,676	71,798,441	78,385,055
TOTAL REQUIREMENTS	264,299,084	265,926,255	285,299,192	285,721,879	305,307,591
EXCESS (DEFICIENCY) OF TOTAL AVAILABLE FUNDS OVER TOTAL REQUIREMENTS	(3,113,105)	16,618,458	32,076,102	13,420,375	11,743,703
ADJUSTMENT TO GAAP	481,990	564,356	0	0	0
ENDING BALANCE	13,249,715	30,432,529	62,508,631	43,169,140	74,252,334

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
BEGINNING BALANCE	39,923,859	37,180,906	50,516,192	47,094,966	71,459,834
REVENUE					
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
Total Revenue	236,654,120	242,909,723	259,304,318	258,956,771	275,646,195
TRANSFERS IN					
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
Total Transfers In	3,750,291	3,150,291	7,567,722	7,567,722	5,530,722
TOTAL AVAILABLE FUNDS	240,404,411	246,060,014	266,872,040	266,524,493	281,176,917
PROGRAM REQUIREMENTS					
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
Total Program Requirements	83,830,450	80,729,509	87,754,000	85,975,872	93,043,160
OTHER REQUIREMENTS					
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
Total Other Requirements	4,300,954	4,370,014	5,401,780	5,388,251	8,312,658
DEBT SERVICE REQUIREMENTS					
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
Total Debt Service Requirements	100,199,534	98,915,162	93,255,822	93,650,448	93,805,347
TRANSFERS OUT					
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
Total Transfers Out	56,061,497	49,749,542	59,516,796	60,516,796	66,191,970
TOTAL REQUIREMENTS	244,392,435	233,764,227	245,928,398	245,531,367	261,353,135
EXCESS (DEFICIENCY) OF TOTAL AVAILABLE FUNDS OVER TOTAL REQUIREMENTS	(3,988,024)	12,295,787	20,943,642	20,993,126	19,823,782
ADJUSTMENT TO GAAP	1,245,071	1,039,499	0	0	0
ENDING BALANCE	37,180,906	50,516,192	71,459,834	68,088,092	91,283,616

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
BEGINNING BALANCE	2,382,349	1,831,339	534,298	561,984	692,546
REVENUE					
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
Total Revenue	847,478	945,089	1,722,634	1,771,481	2,510,485
TRANSFERS IN					
Austin Water Utility	3,760,000	2,060,000	3,400,000	3,400,000	3,400,000
Total Transfers In	3,760,000	2,060,000	3,400,000	3,400,000	3,400,000
TOTAL AVAILABLE FUNDS	4,607,478	3,005,089	5,122,634	5,171,481	5,910,485
PROGRAM REQUIREMENTS					
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
Total Program Requirements	337,747	366,686	396,693	409,922	440,557
OTHER REQUIREMENTS					
Accrued Payroll	1,175	(545)	4,180	2,729	946
Market Study Adjustment	0	0	1,584	1,584	0
Total Other Requirements	1,175	(545)	5,764	4,313	946
DEBT SERVICE REQUIREMENTS					
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
Total Debt Service Requirements	3,875,041	2,569,189	2,482,541	2,762,095	2,205,025
TRANSFERS OUT					
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
Total Transfers Out	944,535	1,369,305	2,079,388	2,079,388	2,263,109
TOTAL REQUIREMENTS	5,158,498	4,304,636	4,964,386	5,255,718	4,909,637
EXCESS (DEFICIENCY) OF TOTAL AVAILABLE FUNDS OVER TOTAL REQUIREMENTS	(551,019)	(1,299,547)	158,248	(84,237)	1,000,848
ADJUSTMENT TO GAAP	9	2,506	0	0	0
ENDING BALANCE	1,831,339	534,298	692,546	477,747	1,693,394

Note: Numbers may not add due to rounding.

Austin Water Revenue Stability Reserve Fund

Purpose and Nature of Fund

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

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

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

Note: Numbers may not add due to rounding.

Wildland Conservation Fund

Purpose and Nature of Fund

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

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

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.

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

Austin Water - Water Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
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>				
Laboratory Services Testing Fees				
Automated General Chemical Analysis				
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
General Chemical Analyses				
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

<i>Austin Water - Water Utility Operating Fund</i>	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
Site/Plan Reviews				
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	\$107.25		New
Utility Development Services Meter Upsizing Plan Review	\$69.50	\$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	\$53.62		New

Training/Education Registrations

Conservation Based Fees

FY 2016-17 Fee Schedule

	FY 2015-16	FY 2016-17	Note	Change
Austin Water - Water Utility Operating Fund				
Utility Charges/Rates				
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

Austin Water - Water Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
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
<i>Fee added to Utility Bills for customer requests for Utility to cut off/on service to water meter for repairs or other miscellaneous reasons.</i>				

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)				
1" Meter and equipment	\$150.00	\$150.00		\$0.00
3" Meter and equipment	\$800.00	\$800.00		\$0.00
Non-Compliance Removal Fee				
Cost per removal	\$67.00	\$67.00		\$0.00
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				
Interest on Private Lateral Repair - Payment Agreements				
Annual interest rate	10%	10%		\$0.00
Leak and Administrative Adjustment Water Discount Rate	\$5.62	\$5.62		\$0.00
<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 & 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 <i>This fee includes up to four hours of labor. Subsequent labor will be billed at \$88.00 per hour.</i>	\$88.00	\$265.00		\$177.00
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
Water Drought Rate Surcharge: <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: <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>	\$0.19	\$0.19	per 1,000 gallons	\$0.00
Water Revenue Stability Reserve Fund Surcharge - Wholesale <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>	\$0.10	\$0.10		\$0.00
Water Service Rates <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>				
Commercial Monthly Minimum Charge <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

Austin Water - Water Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
<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>				
Customer Assistance Program (CAP) customers may qualify for a waiver of the monthly tiered minimum charge.				
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.				
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
Austin Water - Water Utility Operating Fund				
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		\$0.00
3/4"	\$13.00	\$13.00		\$0.00
1"	\$15.00	\$15.00		\$0.00
1 ¼"	\$17.00	\$17.00		\$0.00
1 ½"	\$25.00	\$26.00		\$1.00
2"	\$41.00	\$42.00		\$1.00
3"	\$68.00	\$71.00		\$3.00
4"	\$139.00	\$136.00		(\$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>					
Creedmoor-Maha Water Supply Corp.		\$2,800.00	\$2,800.00	minimum	\$0.00
High Valley Water Supply Corp.		\$250.00	\$250.00	minimum	\$0.00
Manor, City of		\$0.00	\$0.00	minimum	\$0.00
Marsha Water Supply Corp.		\$450.00	\$450.00	minimum	\$0.00
Mid-Tex Utilities (Avana Subdivision)		\$0.00	\$0.00	minimum	\$0.00
Morningside Subdivision		\$75.00	\$75.00	minimum	\$0.00
Night Hawk Water Supply Corp.		\$450.00	\$450.00	minimum	\$0.00
North Austin MUD #1			\$16,652.00	minimum	New
Northtown MUD			\$12,304.00	minimum	New
Rivercrest Water Supply Corp.		\$4,500.00	\$4,500.00	minimum	\$0.00
Rollingwood, City of		\$5,000.00	\$5,000.00	minimum	\$0.00
Shady Hollow MUD		\$7,500.00	\$7,500.00	minimum	\$0.00

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
Wholesale Volume Unit Charge: All Volumes (Unit Cost Per 1,000 Gallons)				
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
Austin Water - Water Utility Operating Fund				
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
Concessions/Sales				
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
License/Use Permits				
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
Professional Services/Analysis				
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>				
Safety and Technical Training				
<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
Utility Charges/Rates				
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

Austin Water - Wastewater Utility Operating Fund	FY 2015-16	FY 2016-17	Note	Change
Retail Monthly Customer Charges:				
Customer Assistance Program (CAP) customers may qualify for a waiver of the monthly customer charge.	\$10.30	\$10.30		\$0.00
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)				
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	\$10.30	\$10.30		\$0.00
<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>				
Monthly Minimum Charge				
North Austin MUD #1		\$51.00		New
Effective 2/25/2016				
Northtown MUD		\$60.00		New
Effective 2/25/2016				
Wells Branch MUD - N.A.G.C.		\$51.00		New
Effective 2/25/2016				
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
Austin Water - Reclaimed Water Utility Operating Fund				
Utility Charges/Rates				
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>				