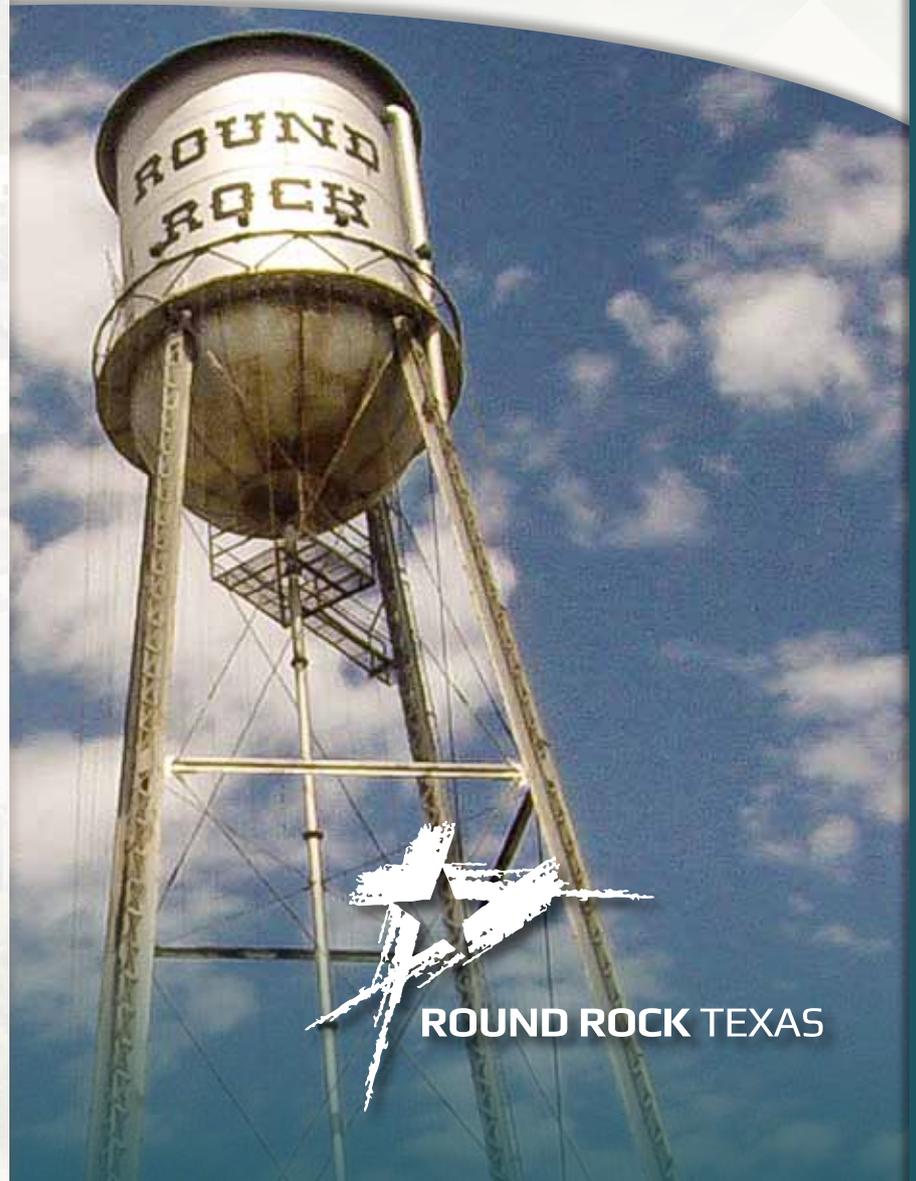


Water / Wastewater Utility Fund

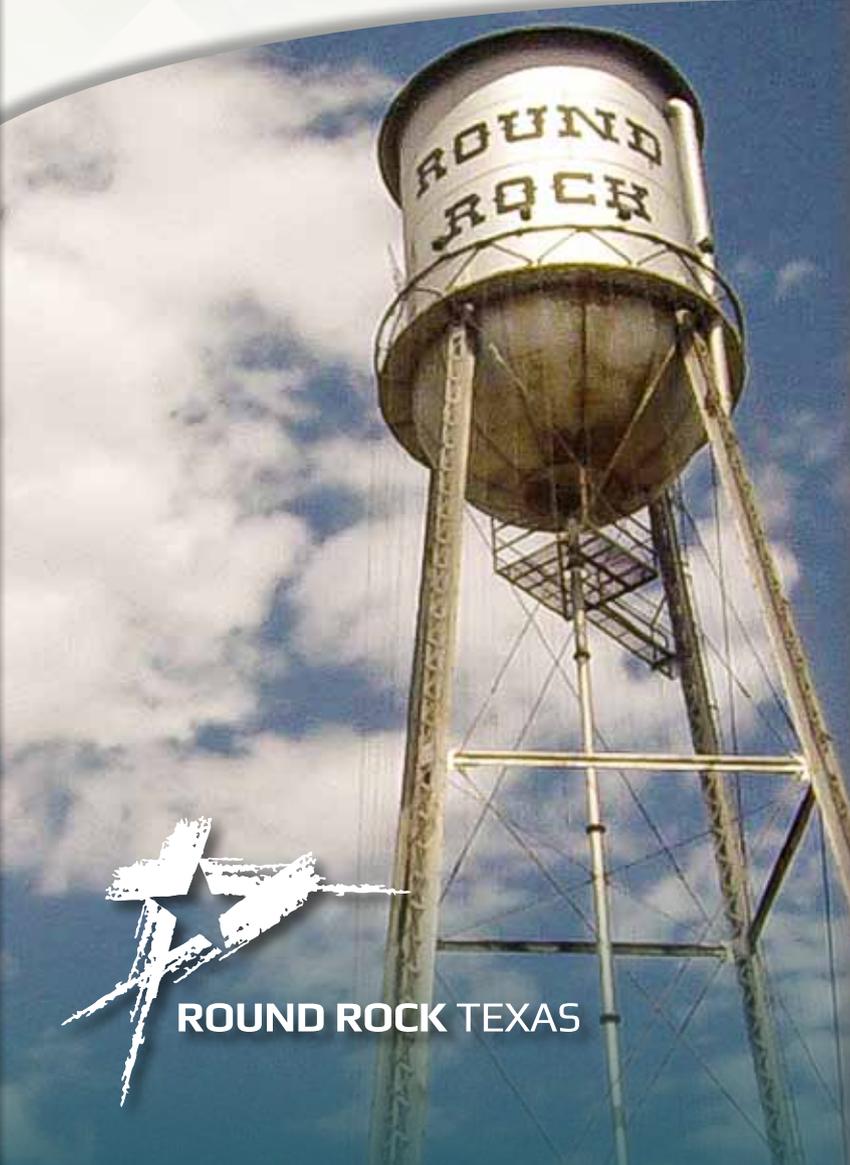
2015-2016

Water/Wastewater Utility Fund
Revenue & Expenditures
Utility - Administration
Utility - Billings & Collections
Utility - Environmental Services
Utility - Fiscal Support Services
Wastewater Line Maintenance
Wastewater Systems Support
Wastewater Treatment Plant
Water Line Maintenance
Water Systems Support
Water Treatment Plant

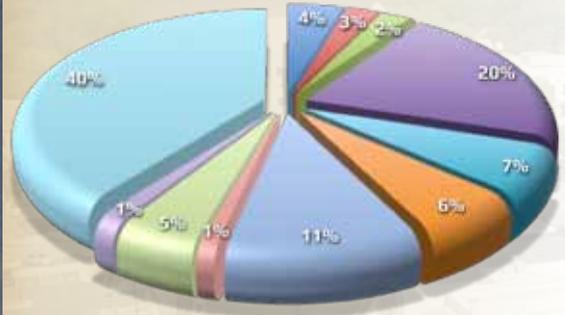


Water / Wastewater Utility Fund

2015-2016



Utility Fund Expense



- Utility Billing
- Fiscal Support
- Utility Administration
- Water Treatment Plant
- Water System Support
- Water Line Maintenance
- Wastewater Treatment Plant
- Wastewater System Support
- Wastewater Line Maintenance
- Environmental Services
- Transfers

Water / Wastewater Utility Fund Summary of Revenues and Expenditures:

	2013-14 Actual	2014-15 Operating Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget
Beginning Fund Balance	\$45,045,473	\$44,922,372	\$49,161,347	\$42,157,216	\$42,910,519
Revenues					
Water & Related Services	\$22,032,335	\$21,980,000	\$21,980,000	\$23,908,869	\$25,249,036
Wastewater & Related Services	17,543,328	16,673,000	16,673,000	18,127,254	18,831,195
Pre-Treatment Surcharge	201,201	180,000	180,000	180,000	180,000
Interest	356,579	261,000	261,000	261,000	261,000
Other Revenues	974,874	661,000	661,000	693,500	693,500
Impact Fees	1,840,000	1,840,000	1,840,000	1,840,000	1,840,000
Total Revenues	\$42,948,317	\$41,595,000	\$41,595,000	\$45,010,623	\$47,054,731
Expenditures					
Personnel Services	\$7,231,205	\$8,323,201	\$7,945,920	\$8,329,801	\$8,329,801
Contractual Services	10,793,630	11,697,737	11,995,710	13,695,172	13,695,172
Materials and Supplies	1,805,363	2,259,233	2,287,495	2,419,891	2,419,891
Other Services and Charges	4,538,200	6,142,606	6,129,473	6,288,456	6,313,456
Capital Outlay	32,730	793,893	862,214	284,000	25,000
Total Expenditures	\$24,401,128	\$29,216,670	\$29,220,812	\$31,017,320	\$30,783,320
Net Change in Operations	\$18,547,189	\$12,378,330	\$12,374,188	\$13,993,303	\$16,271,411
Less:					
Transfers/Debt Service	14,431,316	12,378,318	19,378,318	13,240,000	13,190,000
Reservations	11,569,521	13,238,501	13,239,868	13,284,916	13,788,496
Ending Fund Balance/Working Capital	\$37,591,825	\$31,683,883	\$28,917,348	\$29,625,603	\$32,203,434

Utilities Administration

The Utilities Administration Division consists of the Utility Director's office, Water/Wastewater System Planning/Engineering, and Water Conservation and is responsible for providing support and oversight to eight other divisions that include: Water Treatment Plant, Water Systems Support, Water Line Maintenance, Wastewater Line Maintenance, Wastewater Systems Support, Wastewater Treatment Plant, Environmental Services, and Solid Waste/Recycling Services.

Vision: Be the best at what we do.

Mission: Provide excellent service at the best value.

We will achieve our Vision and Mission by focusing on our five **Guiding Principles:**

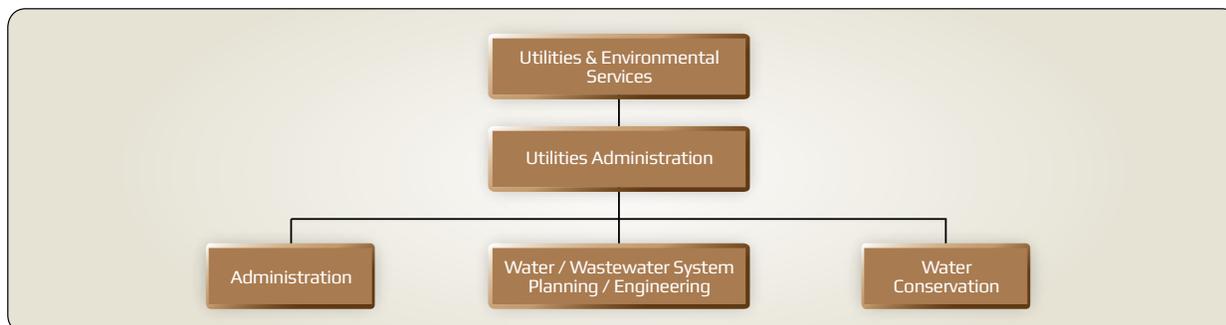
Public Health, Safety, and the Environment – ensure efficient compliance with regulations, minimization of risk, and proactive efforts toward preserving and enhancing our natural resources.

Financial Strength – strive to know the true cost of service, be transparent and competitive in our rates and fees, and provide a solid fiscal foundation for our customers and financiers.

Employee Success - select and promote the best, encourage empowerment and leadership at every level, and foster development through continued education and knowledge sharing.

System Management - proactively plan, monitor, replace, and expand our utility systems to ensure infrastructure stability, orderly and sustainable growth, and cost efficiencies.

Operational Excellence - efficiently operate and maintain systems, embrace technology and creative strategies, and strive for continuous improvement in managing and reducing costs.



Major Business Functions:

Administration: The Administration office oversees the Utilities & Environmental Services Department and is ultimately responsible for all of the functions of the department. Major functions of the Utilities Administration office include:

Ensure that the City provides an adequate, affordable and safe water supply. This includes master planning and construction of necessary infrastructure, securing future water rights to meet ultimate build-out needs, protecting the current water supply, forming regional partnerships, promoting and implementing water conservation, rehabilitating existing infrastructure, managing the system to maintain competitive rates, and complying with all state and federal regulations.

Maintain wastewater system to ensure proper waste disposal in order to protect public health and the environment. This includes participating in a regional wastewater collection and treatment system with neighboring cities, as well as planning, constructing and rehabilitating the City's wastewater collection system to maintain competitive rates and to ensure compliance with federal and state regulations.

Oversee the City's solid waste management program which includes garbage collection and disposal by a third party contractor, as well as the curbside recycling program. Promote environmental awareness in order to increase recycling and reduce the amount of waste disposed of in the landfill. See Recycling/Solid Waste Services Division.

Water/Wastewater Planning/Engineering: Responsible for overall master planning of the City's water, wastewater, and reuse water systems. Manages, inspects and coordinates all Water/Wastewater/Reuse Water Utility Capital Improvement Projects (CIP) including negotiating professional service contracts, providing general engineering support for other City Departments, and managing and coordinating the Utility GIS Mapping and Utility Systems Computer Modeling Programs.

Water Conservation: Directs water conservation program which includes; education, outreach, and public awareness to ensure that the City's water supply sources are protected and available to meet the water demands. Continue to promote water conservation opportunities through water-wise landscaping, rebate programs, irrigation system audits, and public speaking engagements. In addition, responsible for the design/implementation of the Automated Metering Infrastructure software program that is being developed to educate our customers on their water usage and trends.

Key Customers:

The Utilities Administration Division has internal as well as external customers. The internal customers include all City Departments. External customers include residents, businesses, homeowner associations, educational institutions, governmental and industrial facilities, non-profit organizations, and wholesale customers including Municipal Utility Districts (MUDs) within the City's Extraterritorial Jurisdiction (ETJ).

Customer Expectations and Requirements:

Customers expect clean, safe drinking water as well as proper wastewater and solid waste disposal at an affordable rate. Customers also expect accurate, timely and professional responses to their requests and/or inquiries.

FY 2014-15 Highlights:

- Completed an update of the Utility Rate Model, which included a water and wastewater rate increase for the City's wholesale customers.
- Completed the Water Distribution System Master Plan Update.
- Completed the Wastewater Collection System Master Plan Update.
- Completed Segment 3 Treated Water Line that will deliver Lake Travis water to the City.
- Completed a number of Capital Improvement Projects (CIP) that expanded the City's water, wastewater, and reuse water infrastructure systems.

FY 2015-16 Overview and Significant Changes:

- Expand the Water and Wastewater Certificate of Convenience and Necessity Service Areas.
- Complete the construction of Reuse Water Line, Phase 6 which will deliver reuse water to the Vizcaya Development and the Northeast part of Round Rock.
- Continue discussions/negotiations with the Brazos River Authority and Lower Colorado River Authority for solutions for the “No Net Loss” of Colorado River delivered to the Brazos Basin.
- Implement the City Works and Fixed Asset Management System.
- Continue to develop a utility infrastructure plan for the development of the Northeast Quadrant of Round Rock.
- Development of Water Conservation Landscape Regulations for residential developments.
- Complete the installation of Automated Metering Infrastructure system for reading water meters along with the development of the associated software program that will allow the City’s water customers to login to the system in order to view real time water usage and trends.
- Develop a Management and Employee Succession Plan.
- Complete update to the City’s Water and Wastewater Impact Fees.
- Continue to explore additional opportunities to expand the City’s recycling program in order to increase the diversion rate of waste from the landfill.
- Continue to design and construct CIPs to expand the City’s water, wastewater, and reuse water infrastructure systems.
- Continue to conduct rehabilitation of the existing water, wastewater, and reuse water systems.

New Programs for FY 2015-16:

No new programs.

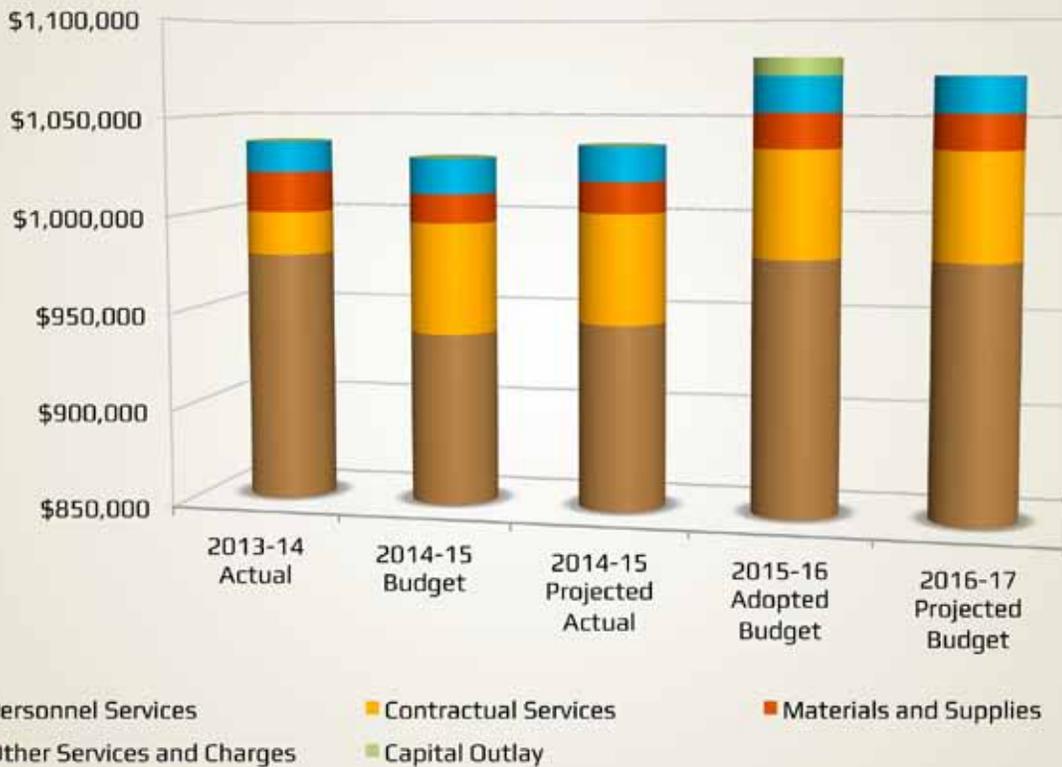
FY 2016-17 Overview and Beyond:

- Continue exploring Edwards Aquifer and Trinity Aquifer opportunities for additional water.
- Continue to expand the water conservation program.
- Continue to plan, design and construct Capital Improvement Projects that will expand the City’s water, wastewater, and reuse water infrastructure systems.
- Continue to conduct rehabilitation of the existing water, wastewater, and reuse water systems in order to maintain the integrity of the City’s assets.

Utilities Administration

	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget
Personnel Services	\$978,406	\$938,813	\$945,788	\$980,603	\$980,603
Contractual Services	22,212	57,216	56,415	54,891	54,891
Materials and Supplies	20,962	15,099	16,250	18,029	18,029
Other Services and Charges	15,666	18,150	17,800	18,100	18,100
Capital Outlay	-	-	-	9,000	-
Total Expenditures:	\$1,037,246	\$1,029,278	\$1,036,253	\$1,080,623	\$1,071,623
Expenditures per Capita:	\$10.06	\$9.76	\$9.83	\$9.48	\$9.15

Utilities Administration - Expenditures by Category



	Expenditures as a % of Utility Fund					Authorized Personnel as a % of Utility Fund		
	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget	2012-13 Actual	2014-15 Budget	2015-16 Adopted Budget
Utility Administration	2.7%	2.5%	2.5%	2.4%	2.4%	7.8%	8.5%	9.4%

Utilities Administration

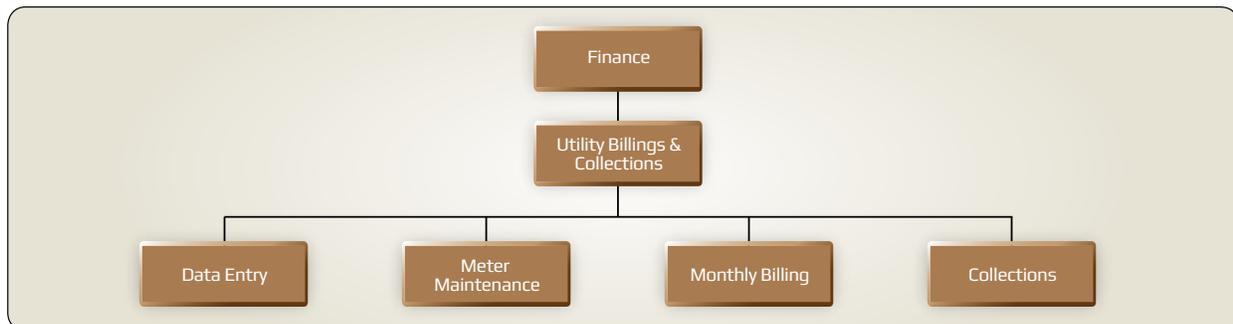
Authorized Personnel	Grade	Positions			Full Time Equivalents		
		2013-14 Actual	2014-15 Adopted	2015-16 Adopted	2013-14 Actual	2014-15 Adopted	2015-16 Adopted
Director of Utilities	EX	1	1	1	1.00	1.00	1.00
Coord - Utility Services Marketing	212	1	1	1	1.00	1.00	1.00
Administrative Associate	206	1	1	1	1.00	1.00	1.00
GIS Analyst	107	2	2	2	2.00	2.00	2.00
Manager - Utility Engineering	113	1	1	1	1.00	1.00	1.00
Project Manager - Senior	111	2	2	2	2.00	2.00	2.00
Engineer Tech Sr	210	0	1	1	0.00	1.00	1.00
Utility Systems Analyst	210	0	0	1	0.00	0.00	1.00
Utility Engineer	112	1	1	1	1.00	1.00	1.00
Administrative Tech	206	1	1	1	1.00	1.00	1.00
Total		10	11	12	10.00	11.00	12.00

Utility Billing and Collections

The Utility Billing Office handles the accounting, billing, and collection of all customer water, sewer, and garbage billings; connects and disconnects service; and provides assistance to customers.

Vision: To provide customers with accurate and timely billing information by utilizing the most efficient resources available.

Mission: To account for the accurate and precise recording of information gathered from the reading, billing and collecting of money for every meter within the City of Round Rock, and provide professional, courteous and superior customer service to all citizens of Round Rock.



Major Business Functions:

The Round Rock Utility Billing Department consists of four major business functions that allow the department to merge together data and reading information, bill and collect revenue for the City of Round Rock on a monthly basis.

Data Entry: The utility billing office staff tracks all new meters in order to provide water service to new connections. The Building Inspections Division provides the information used for data entry to create new accounts in the City's main database. The office reviews existing accounts monthly for correct occupant billing information. The office depends upon our customers to inform us of any changes of occupancy.

Meter Maintenance: The Utility Systems Support staff maintains the integrity of the water meters on a daily basis. They provide information on new meter installation and replacement of meter changes to our office for the monthly billing. The Utility Billing staff works closely with Utility Systems Support staff to manage and meet monthly deadlines.

Monthly Billing: After reviewing, inputting and checking for accuracy on all the readings collected by the field staff the office staff calculates and invoices all customers within the database with a monthly billing.

Collections: The office staff collects current and past due monies owed to the City of Round Rock. The collections process occurs throughout the month to ensure that all accounts are collected in a timely manner.

Key Customers:

The Utility Billing Office deals mostly with external customers that we service on a daily basis. We interact with new customers who are moving to the City of Round Rock for the first time and existing customers whose needs vary from simple billing questions to more complex ones regarding service interruption. Our interaction with internal customers is most often regarding meter reading and other meter related functions.

Customer Expectations and Requirements:

All of our customers have the right to expect professional and courteous customer service from our customer service staff. The staff must comply with accurate information regarding policies and procedures that relate to the Utility Billing Office.

FY 2014-15 Highlights:

- Merging of meter reading field staff-This move was anticipated to occur in early 2015. It actually took place mid-2014 and has been in place for approximately a year. Two FTE's transferred from utility support and merged with the utility billing field staff. The transition has been fairly smooth and the staff is settling in to their new surroundings and work culture.
- Electronic applications-We have moved away from taking applications over the phone. The majority of the applications for new service are done electronically. This process has allowed for our new customers to fill out the documents and return to us at their convenience. This helps both the customer and the office staff to better manage their time. We offer electronic applications on the website or by phone.
- Change in office hours- Effective June 2015 the drive through hours were changed to 8-5 p.m. The need for the additional hour in the evening was no longer essential due to the updates in technology and payment options.
- Positive work culture- Our office has been participating in trainings sessions that promote cultivating a positive work environment. The work culture is displaying signs of transformation and our entire team is working towards the goals with positive attitudes.

FY 2015-16 Overview and Significant Changes:

- Projected completion of AMI meter installation-There was an unforeseen delay in the original project completion date which was scheduled for 2014. The new target date for the AMI meters is set for December 2015. The majority of the city will be fitted with AMI technology for registering consumption at the latest early spring 2016.
- Provide consumption history access to customers with portal software-With the new AMI technology our customer base will have access to track consumption usage in hourly increments, identify potential leaks, compare usage with area neighbors and receive alerts via email or text.
- Upgrade for current software-Incode 2015 is the latest upgrade version for our current software. We have requested to be placed in line for the upgrade which should take place late summer early fall.

New Programs for FY 2015-16:

- The conversion of a temporary part time position to a permanent part time position to maintain current customer service levels.

FY 2016-17 Overview and Beyond:

- Upgrade to new Utility Billing Software-We will continue researching options for new software in the coming year. It is our goal to have a preferred vendor by summer 2016.
- Continue excellence in customer service.
- Provide enhancements to field processes.

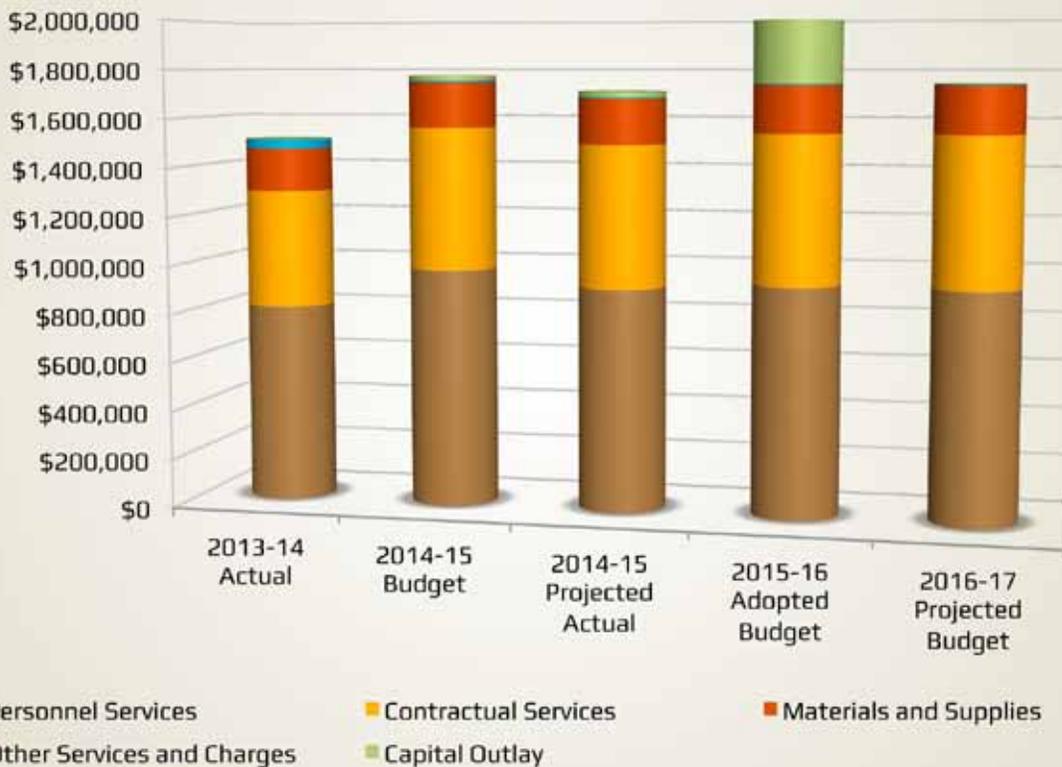
Water / Wastewater Utility Fund

Utility Billing & Collections

Utility Billing & Collections

	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget
Personnel Services	\$813,460	\$979,036	\$915,173	\$938,231	\$938,231
Contractual Services	482,662	584,590	584,590	610,086	610,086
Materials and Supplies	177,452	186,260	186,260	191,645	191,645
Other Services and Charges	37,528	4,700	4,700	6,000	6,000
Capital Outlay	-	22,000	22,000	250,000	-
Total Expenditures:	\$1,511,103	\$1,776,586	\$1,712,723	\$1,995,962	\$1,745,962
Expenditures per Capita:	\$14.66	\$16.85	\$16.25	\$17.51	\$14.90

Utility Billing & Collections - Expenditures by Category



	Expenditures as a % of Utility Fund					Authorized Personnel as a % of Utility Fund		
	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget	2012-13 Actual	2014-15 Budget	2015-16 Adopted Budget
Utility Billing	3.90%	4.30%	4.10%	4.50%	4.00%	13.90%	13.80%	12.90%

Utility Billing & Collections

Authorized Personnel	Grade	Positions			Full Time Equivalent		
		2013-14 Actual	2014-15 Adopted	2015-16 Adopted	2013-14 Actual	2014-15 Adopted	2015-16 Adopted
Accountant	105	1	1	1	1.00	1.00	1.00
Admin Technician	205	1	1	0	1.00	1.00	0.00
Coordinator-Customer Service	210	1	1	1	1.00	1.00	1.00
Customer Service Representative	205	10	10	10	9.25	9.25	9.00
Manager - Utility Billing	112	1	1	1	1.00	1.00	1.00
Supervisor - Meter Service	210	1	1	1	1.00	1.00	1.00
Meter Service Tech	210	3	3	3	2.50	2.50	2.50
Supervisor - Utility Billing	110	1	1	1	1.00	1.00	1.00
Total		19	19	18	17.75	17.75	16.50



Utility Environmental Services

Environmental Services consists of three primary activities: Industrial Waste Pretreatment, Household Hazardous Waste Services and Laboratory Services. These activities are accomplished by implementing and encouraging pollution prevention activities, enforcing environmental regulations, and quantifying pollutant concentrations.

Vision: Be the best at what we do.

Mission: Provide excellent service at the best value.

We will achieve our Vision and Mission by focusing on our five **Guiding Principles:**

Public Health, Safety, and the Environment – ensure efficient compliance with regulations, minimization of risk, and proactive efforts toward preserving and enhancing our natural resources.

Financial Strength – strive to know the true cost of service, be transparent and competitive in our rates and fees, and provide a solid fiscal foundation for our customers and financiers.

Employee Success - select and promote the best, encourage empowerment and leadership at every level, and foster development through continued education and knowledge sharing.

System Management - proactively plan, monitor, replace, and expand our utility systems to ensure infrastructure stability, orderly and sustainable growth, and cost efficiencies.

Operational Excellence - efficiently operate and maintain systems, embrace technology and creative strategies, and strive for continuous improvement in managing and reducing costs.



Major Business Functions:

Industrial Waste Pretreatment: Mandated by the Environmental Protection Agency (EPA) and the Texas Commission on Environmental Quality (TCEQ), this program is designed to protect the wastewater collection and treatment systems, public health, the environment, and public waterways from pollutant discharges. The pretreatment program includes permitting, inspecting, sampling, and testing of local businesses and industries to ensure compliance with applicable regulations.

Household Hazardous Waste Services (HHW): Provides safe and correct disposal of hazardous home chemicals and paint. This program helps divert hazardous materials from landfills, receiving streams, drinking water supplies and reduces the potential for illegal dumping. The City has conducted HHW services since 1996 and became a TCEQ approved permanent collection facility in December 2004.

Laboratory Services: Provides testing services to a variety of customers including: the City's water system, capital improvement projects and development projects, private citizens, and other municipalities. The laboratory has been certified since 1996 under the National Environmental Laboratory Accreditation Program (NELAP) which requires the highest standard of quality control.

Key Customers:

The laboratory supports the needs of several City Departments which include the TCEQ required samples for the water/wastewater utility, construction inspection, storm water program and other special project samples required by the City. The laboratory also assists external customers including private homeowners, contractors, local public water systems, real estate agencies and other entities requiring testing services.

The industrial pretreatment program customers include all non-domestic dischargers within the City and regulatory agencies such as the EPA and TCEQ. All individuals and/or businesses connected to the City's wastewater collection system are impacted by the program. Other customers include the Brazos River Authority and partner cities involved in the Brushy Creek Regional Wastewater System.

Customers of the HHW program include all Round Rock residents, Brushy Creek and Fern Bluff Municipal Utility Districts, and city employees. The recycling and reuse component is available to anyone.

Customer Expectations and Requirements:

Laboratory customers expect precise, accurate results in a short period of time with attention to quality control and data integrity at a cost competitive price.

Industrial Pretreatment customers expect clear communication, fair treatment when applying regulations, fast response and professional input regarding treatment design and processes.

Household Hazardous Waste customers expect frequent and convenient access to services and that the disposal methods chosen are environmentally and cost conscious.

FY 2014-15 Highlights:

In FY 2014-15, the Environmental Services Division focused on activities dedicated to enhancing the laboratory services, industrial waste pretreatment and household hazardous waste programs.

- Re-evaluated the existing local limits for the Regional Industrial Waste Pretreatment Program and submitted a substantial modification of the program to the TCEQ for approval.
- Expanded the HHW Program to include two additional Municipal Utility Districts.
- Passed an extensive regulatory audit of the Environmental Services Laboratory and retained the NELAP accreditation for two more years.

FY 2015-16 Overview and Significant Changes:

In FY 2015-16, the Environmental Services Division will continue to concentrate on pollution prevention activities. The division is focusing on the following significant activities.

- Implement the modified TCEQ Industrial Waste Pretreatment Program which includes more stringent limits on non-domestic wastewater discharges.
- Host a seminar for local businesses and industries promoting the Industrial Waste Pretreatment Program and celebrating its 25-year anniversary as an approved state program.
- Re-evaluate and potentially implement new service hours for monthly HHW collection events.
- Expand the HHW Program to include all Municipal Utility Districts within the City's ETJ.

New Programs for FY 2015-16:

No new programs.

FY 2016-17 Overview and Beyond:

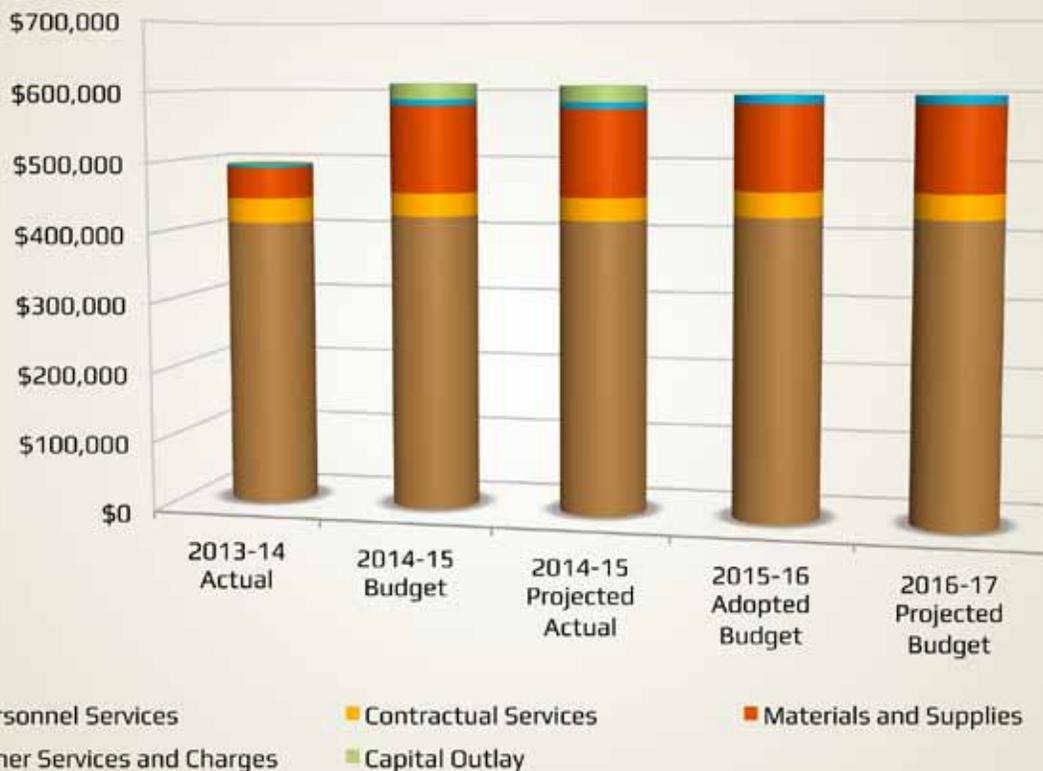
The Environmental Services Division will concentrate on activities geared toward improving pollution prevention programs and laboratory testing services, as well as planning to meet the future needs of the community. The division will focus on the following tasks in FY 2016-17 and beyond:

- Laboratory will maintain the NELAP accreditation for the production of reportable and defensible data.
- Continue to work with regional partners to develop and offer HHW disposal options to residents within our utility service area. This program will ensure proper disposal of household chemicals, reduce the risk of pollution to our water sources and be set up to financially support itself.
- Evaluate the need for expanding the laboratory facilities in order to accommodate more customers.

Utility Environmental Services

	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget
Personnel Services	\$410,023	\$422,952	\$420,103	\$428,303	\$428,303
Contractual Services	35,212	32,610	32,060	35,300	35,300
Materials and Supplies	44,573	124,850	125,100	121,175	121,175
Other Services and Charges	4,093	8,820	9,294	11,870	11,870
Capital Outlay	-	22,000	22,000	-	-
Total Expenditures:	\$493,901	\$611,232	\$608,557	\$596,648	\$596,648
Expenditures per Capita:	\$4.79	\$5.80	\$5.77	\$5.24	\$5.09

Utility Environmental Services- Expenditures by Category



	Expenditures as a % of Utility Fund					Authorized Personnel as a % of Utility Fund		
	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget	2012-13 Actual	2014-15 Budget	2015-16 Adopted Budget
Environmental Services	1.30%	1.50%	1.50%	1.30%	1.40%	4.70%	4.70%	4.70%

Utility Environmental Services

Authorized Personnel	Grade	Positions			Full Time Equivalents		
		2013-14 Actual	2014-15 Adopted	2015-16 Adopted	2013-14 Actual	2014-15 Adopted	2015-16 Adopted
Administrative Assistant	206	1	1	1	1.00	1.00	1.00
Environmental Services Supervisor	112	1	1	1	1.00	1.00	1.00
Lab Analyst	209	2	2	2	2.00	2.00	2.00
Pretreatment Compliance Specialist	212	1	1	1	1.00	1.00	1.00
Senior Lab Analyst	212	1	1	1	1.00	1.00	1.00
Total		6	6	6	6.00	6.00	6.00

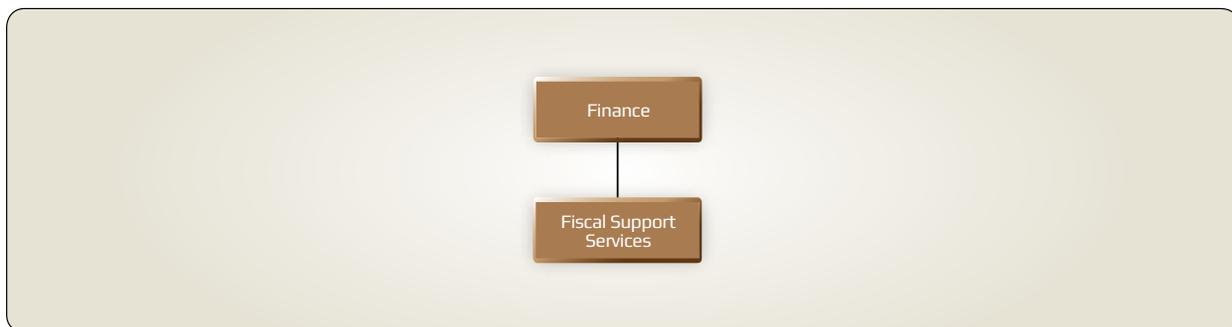


Utility Fiscal Support Services

The Fiscal Support Services section of the budget provides funding for utility expenditures that are not allocable to any specific department. Due to the general, strictly financial nature of the Department's charge, oversight of the Fiscal Support Services Department's activities is the responsibility of the City's Utility Department.

Vision: Provide leadership and direction to maintain the financial stability of the City and prepare for future growth.

Mission: The mission of the Fiscal Support Services Department is to provide general financial monitoring, oversight, and support to the City of Round Rock for all expenditures that are not allocable to any specific department.



Major Business Functions:

Fiscal Support Services is a support department in the utility fund of the City of Round Rock. This purely fiscal responsibility center captures expenditures associated with non-allocable costs for city utility operations related items. Examples of expenditures include various utility and maintenance costs for Utility administration offices and facilities.

Key Customers:

The Fiscal Support Services' primary customers include City utility departments. External customers are the vendors related to maintenance activities and various services the City funds.

Customer Expectations and Requirements:

Provide general financial monitoring, oversight and support to City utility departments for all expenditures that are not allocable to any specific department. This department also responds to all administrative and departmental fiscal needs as necessary.

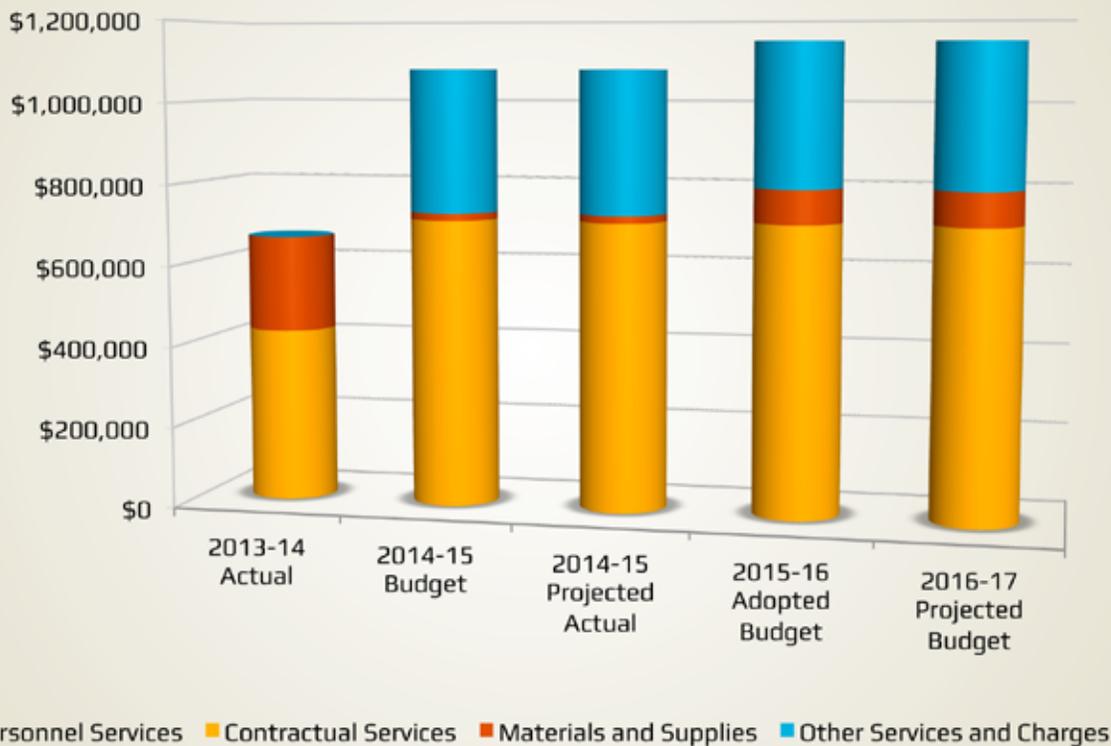
Water / Wastewater Utility Fund

Utility Fiscal Support Services

Utility Fiscal Support Services

	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget
Personnel Services	\$-	\$-	\$-	\$-	\$-
Contractual Services	427,786	710,200	710,200	712,950	712,950
Materials and Supplies	235,366	18,000	18,000	84,000	84,000
Other Services and Charges	-	351,600	351,600	351,900	351,900
Total Expenditures:	\$663,152	\$1,079,800	\$1,079,800	\$1,148,850	\$1,148,850
Expenditures per Capita:	\$6.43	\$10.24	\$10.24	\$10.08	\$9.81

Utility Fiscal Support Services - Expenditures by Category



	Expenditures as a % of Utility Fund					Authorized Personnel as a % of Utility Fund		
	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget	2012-13 Actual	2014-15 Budget	2015-16 Adopted Budget
Fiscal Support	1.70%	2.60%	2.60%	2.60%	2.60%	0.00%	0.00%	0.00%

Wastewater Line Maintenance

The Wastewater Line Maintenance Division is responsible for the maintenance and repair of 8,869 manholes and 423 miles of wastewater lines in the City's Wastewater Collection System. Wastewater Line Maintenance is structured utilizing multiple three-man maintenance crews under the direction of the Wastewater Line Maintenance Superintendent reporting to the Utility Operations Manager, who reports to the Director of Utilities.

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Mission: Provide excellent service at the best value.

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Employee Success - select and promote the best, encourage empowerment and leadership at every level, and foster development through continued education and knowledge sharing.

System Management - proactively plan, monitor, replace, and expand our utility systems to ensure infrastructure stability, orderly and sustainable growth, and cost efficiencies.

Operational Excellence - efficiently operate and maintain systems, embrace technology and creative strategies, and strive for continuous improvement in managing and reducing costs.



Major Business Functions:

Wastewater Line Maintenance: This program operates 24 hours a day, 365 days a year with an evening shift crew who responds to after hour calls and makes emergency wastewater repairs. Field crews repair wastewater line breaks and service problems, as well as perform preventative maintenance and locates of existing utility lines as needed in accordance with State law, Texas Line Locate Bill, and "One Call".

Inflow and Infiltration (I&I): With the current inspection, correction and documentation requirements of the Texas Commission on Environmental Quality (TCEQ) Edwards Aquifer Rules (Chapter 213), the I&I division identifies and corrects inflow and infiltration into the City's Wastewater Collection System during rainy periods. This requires testing and certification of all wastewater facilities.

Key Customers:

Wastewater Line Maintenance has both internal and external customers. Internal customers include all City Departments. External customers include all Round Rock residents and businesses, contractors, wholesale customers within the City's ETJ, as well as local, state and federal government agencies.

Customer Expectations and Requirements:

All customers require a prompt and professional response to their concerns, issues and/or questions; efficient and effective preventative maintenance; and compliance with all State and Federal regulations.

FY 2014-15 Highlights:

In FY 2014-15, the Wastewater Line Maintenance division focused on the reduction of inflow and infiltration and established a proactive maintenance program for the wastewater collection system and reuse water distribution system.

- Successfully completed an Inspection and Correction Program, with the inclusion of two non-Edwards Aquifer basins.
- Successfully completed an In-house Repair Program, saving the city thousands of dollars that would normally be paid to a contractor.

FY 2015-16 Overview and Significant Changes:

Improving efficiencies, reducing costs and providing exceptional customer service is the Wastewater Line Maintenance focus for FY 2015-16.

- Update obsolete software and equipment with new innovative technology to promote operational excellence.
- Prepare for the implementation of City Works through diligent training, integrate IT Pipes software and continue to integrate technology by providing iPad's to each field crew in order to obtain real time data.
- Upon arrival of the new combination truck, this program will expand our current operational maintenance program.

New Programs for FY 2015-16:

No new programs.

FY 2016-17 Overview and Beyond:

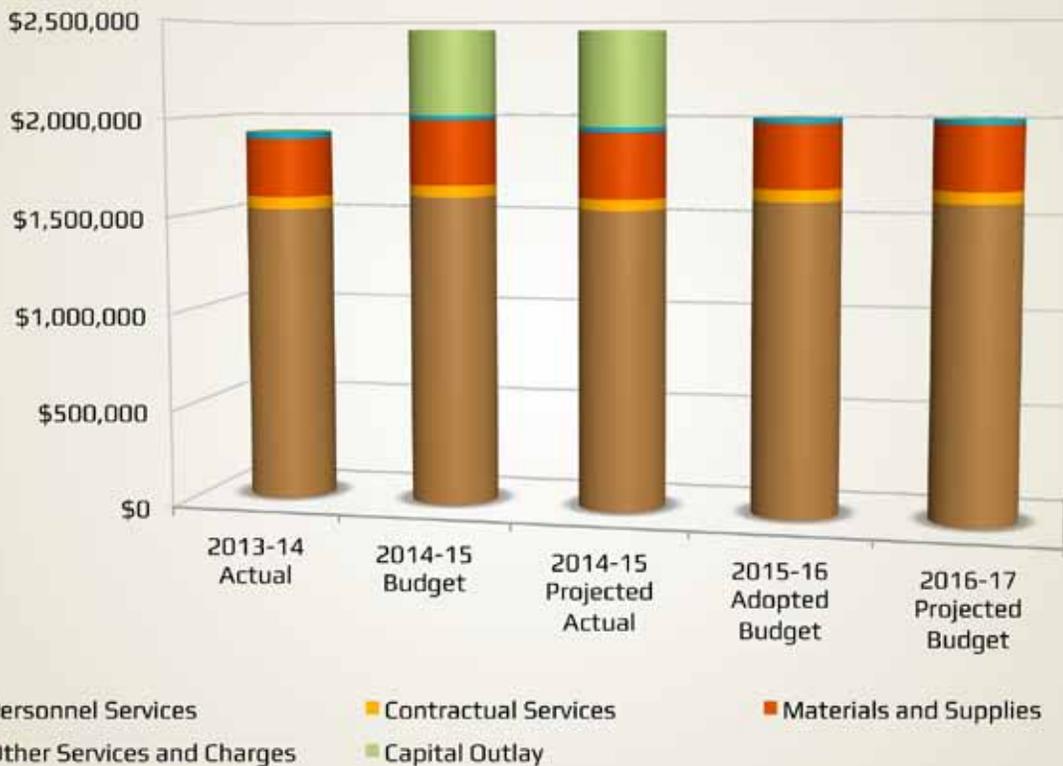
In FY 2016-17 and the future, Wastewater Line Maintenance will concentrate on improving operational effectiveness, utilizing available technology and maintaining our aging infrastructure

- Replace outdated CCTV equipment with the latest technology.
- Promote employees from within the organization through succession planning and cross training.
- Improve the effectiveness of the Cease the Grease Program by documenting grease related instances, identifying problem areas and notifying customers when grease is a problem in the area.

Wastewater Line Maintenance

	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget
Personnel Services	\$1,526,566	\$1,599,630	\$1,541,492	\$1,597,883	\$1,597,883
Contractual Services	62,837	57,927	57,927	61,217	61,217
Materials and Supplies	304,719	336,582	337,482	327,157	327,157
Other Services and Charges	29,988	21,170	24,804	24,170	24,170
Capital Outlay	-	434,842	484,419	-	-
Total Expenditures:	\$1,924,109	\$2,450,151	\$2,446,124	\$2,010,427	\$2,010,427
Expenditures per Capita:	\$18.66	\$23.25	\$23.21	\$17.64	\$17.16

Wastewater Line Maintenance - Expenditures by Category



	Expenditures as a % of Utility Fund					Authorized Personnel as a % of Utility Fund		
	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget	2012-13 Actual	2014-15 Budget	2015-16 Adopted Budget
Wastewater Line Maintenance	5.00%	5.90%	5.90%	4.50%	4.60%	20.40%	20.20%	20.40%

Wastewater Line Maintenance

Authorized Personnel	Grade	Positions			Full Time Equivalents		
		2013-14 Actual	2014-15 Adopted	2015-16 Adopted	2013-14 Actual	2014-15 Adopted	2015-16 Adopted
Administrative Technician	205	1	1	1	1.00	1.00	1.00
Superintendent - Utility Services	112	1	1	1	1.00	1.00	1.00
Supervisor - Utility Services	213	2	2	2	2.00	2.00	2.00
Utility Services Crew Leader	210	8	8	8	8.00	8.00	8.00
Utility Services Technician	209	2	2	2	2.00	2.00	2.00
Utility Services Worker - Senior	209	5	5	5	5.00	5.00	5.00
Utility Worker	206	7	7	7	7.00	7.00	7.00
Total		26	26	26	26.00	26.00	26.00

Wastewater Systems Support

The Wastewater Systems Support Division is responsible for the operation, maintenance and repair of the City's Wastewater Collection System Lift Stations and Reuse Water Treatment and Distribution System. Wastewater Systems Support is structured utilizing multiple water/wastewater maintenance crews. Reporting lines of authority and accountability are shown below.

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Major Business Functions:

Wastewater Systems Support: This division maintains the mechanical and electrical equipment on the City's 13 lift stations and the Reuse Water Treatment and Distribution System. This responsibility is under the direction of the Utility Support Superintendent. The lift stations are used to pump wastewater because variations in topography do not allow for wastewater gravity flow. The lift station and reuse water system maintenance programs assure system reliability by performing daily inspections of the system's equipment. The responsibilities include the maintenance and repair of pumps, motors, electrical control systems, and various control devices at each lift station and the reuse water treatment and distribution equipment. In order to maximize the system's reliability, Wastewater Systems Support maintains an emergency response team that is on call 24 hours a day, 365 days a year.

Key Customers:

Our key customers include the residents and/or businesses that are located in areas of the City that require lift stations as well as those that require reuse water for irrigation.

Customer Expectations and Requirements:

Our customers expect their wastewater to be collected and properly treated as required by State Law to meet the public health and safety requirements; and our reuse water customers expect a reliable supply of reuse water for irrigation.

FY 2014-15 Highlights:

- Lift station check valve assemblies cleaned and painted.
- Completed improvements at Oak Bluff Lift Station to prevent motor control flooding.
- Newly constructed Reuse Water Elevated Storage Tank in operation.

FY 2015-16 Overview and Significant Changes:

- Design improvements to the Forest Creek Lift Station.
- Continue to expand reuse water customer service base.

New Programs for FY 2015-16:

No new programs.

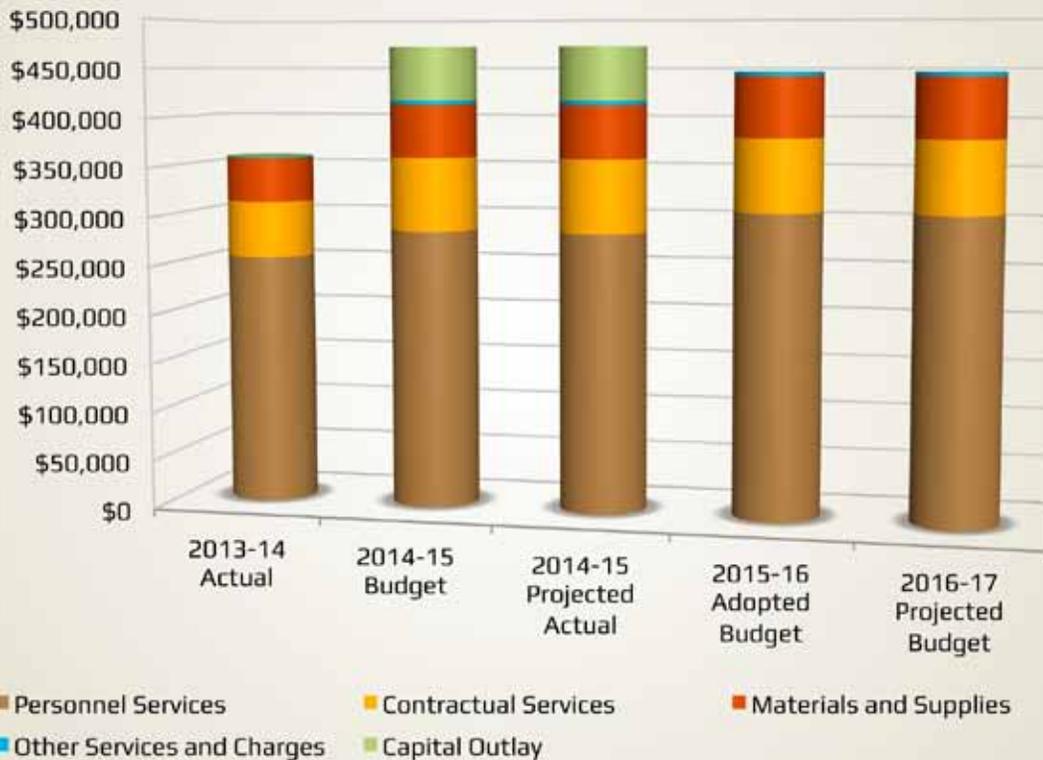
FY 2016-17 Overview and Beyond:

- Complete improvements to the Forest Creek Lift Station.
- Continue to expand reuse water customer service base on the northeast part of Round Rock.

Wastewater Systems Support

	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget
Personnel Services	\$255,312	\$284,523	\$284,638	\$308,178	\$308,178
Contractual Services	57,251	75,025	75,025	73,862	73,862
Materials and Supplies	44,978	54,027	54,027	60,960	60,960
Other Services and Charges	1,550	4,000	4,250	4,250	4,250
Capital Outlay	-	54,051	54,051	-	-
Total Expenditures:	\$359,091	\$471,626	\$471,991	\$447,250	\$447,250
Expenditures per Capita:	\$3.48	\$4.47	\$4.48	\$3.92	\$3.82

Wastewater System Support - Expenditures by Category



	Expenditures as a % of Utility Fund					Authorized Personnel as a % of Utility Fund		
	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget	2012-13 Actual	2014-15 Budget	2015-16 Adopted Budget
Wastewater System Support	0.90%	1.10%	1.10%	1.00%	1.00%	3.10%	3.10%	3.10%

Wastewater Systems Support

Authorized Personnel	Grade	Positions			Full Time Equivalents		
		2013-14 Actual	2014-15 Adopted	2015-16 Adopted	2013-14 Actual	2014-15 Adopted	2015-16 Adopted
Superintendent - Utility Services	EX	1	1	1	1.00	1.00	1.00
Supervisor - Utility System Mechanic	206	1	1	1	1.00	1.00	1.00
System Mechanic	208	2	2	2	2.00	2.00	2.00
Total		4	4	4	4.00	4.00	4.00

Wastewater Treatment Plant

The primary activity of the Wastewater Treatment Plant Division is the treatment of residential, commercial and industrial wastewater to a level that meets or exceeds state and federal regulations. This is accomplished by using sophisticated equipment, advanced treatment technologies and state certified wastewater treatment plant operators provided by the Brazos River Authority.

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Major Business Functions:

Wastewater Treatment Plant: The Wastewater Treatment Plant's major function is to treat domestic and industrial sewerage. The operation is regional and includes customers from Williamson and Travis counties. Round Rock in partnership with the Cities of Austin and Cedar Park purchased the Wastewater Treatment Plant from the Lower Colorado River Authority (LCRA) in 2009. Since the transaction with the LCRA, the City of Leander has purchased capacity in the regional wastewater system. The Brazos River Authority continues to operate and maintain both of the regional Wastewater Treatment Plants. The regional partnership is known as the Brushy Creek Regional Wastewater System (BCRWWS).

Key Customers:

The BCRWWS provides wastewater collection and treatment to the Cities of Round Rock, Austin, Cedar Park and Leander. The customers in the Round Rock service area include all residential, commercial and industrial properties, as well as Municipal Utility Districts.

Customer Expectations and Requirements:

All customers expect proper collection and treatment of wastewater according to local, state and federal requirements. The City will cost effectively operate and maintain the wastewater system infrastructure in order to ensure competitive rates to its customers.

FY 2014-15 Highlights:

- Completed West Treatment Plant rehabilitation project. Plant is rated to treat three million gallons per day.
- Initiated Treatment Plant Operations efficiency evaluation.

FY 2015-16 Overview and Significant Changes:

- Complete efficiency evaluation and begin enacting process improvements/changes associated with the recommendations.
- Conduct pilot study at the West Treatment Plant for phosphorous removal.

New Programs for FY 2015-16:

No new programs.

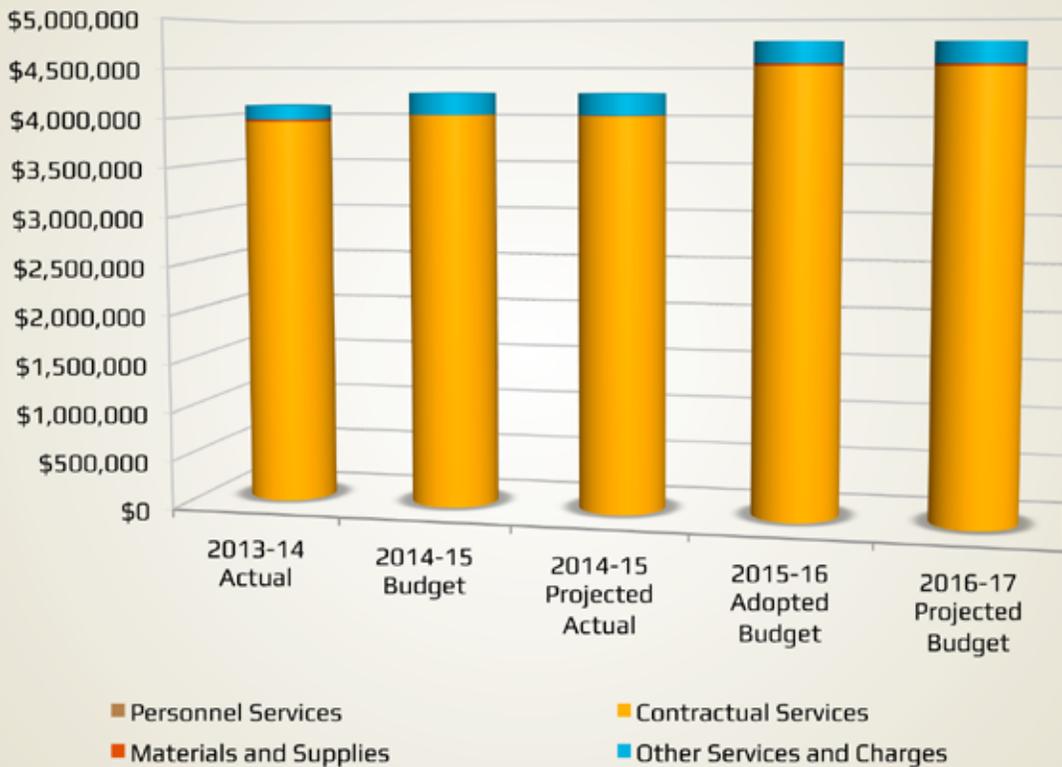
FY 2016-17 Overview and Beyond:

- Consider an East Wastewater Treatment Plant re-rate.

Wastewater Treatment Plant

	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget
Personnel Services	\$-	\$-	\$-	\$-	\$-
Contractual Services	3,950,645	4,029,010	4,029,010	4,529,010	4,529,010
Materials and Supplies	26,641	4,925	4,925	24,925	24,925
Other Services and Charges	138,984	215,000	215,000	215,000	215,000
Total Expenditures:	\$4,116,271	\$4,248,935	\$4,248,935	\$4,768,935	\$4,768,935
Expenditures per Capita:	\$39.92	\$40.31	\$40.31	\$41.84	\$40.70

Wastewater Treatment Plant - Expenditures by Category



	Expenditures as a % of Utility Fund					Authorized Personnel as a % of Utility Fund		
	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget	2012-13 Actual	2014-15 Budget	2015-16 Adopted Budget
Wastewater Treatment Plant	10.60%	10.20%	10.30%	10.80%	10.80%	0.00%	0.00%	0.00%



Water Line Maintenance

The Water Line Maintenance Division maintains approximately 606 miles of waterlines, 14,190 valves and 5,904 fire hydrants in the City's water distribution system. Water Line Maintenance uses multiple three-man maintenance crews and a three-man night crew under the direction of a Water Line Maintenance Superintendent who reports to the Utility Manager who reports to the Utility Director.

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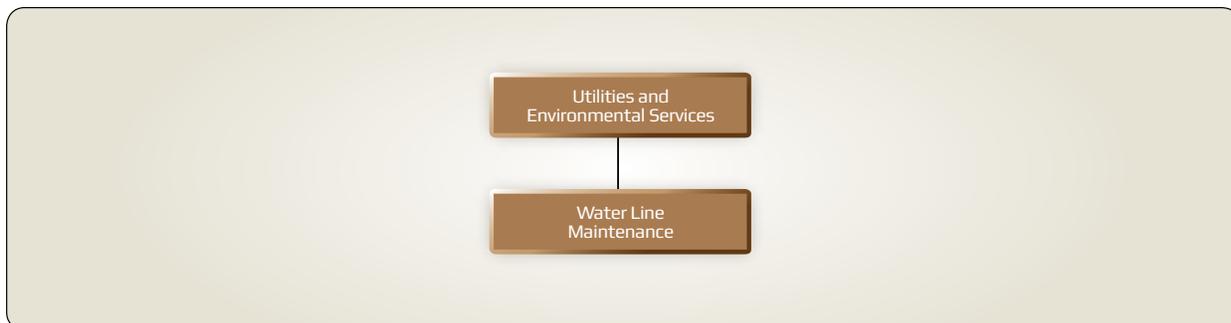
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Operational Excellence - efficiently operate and maintain systems, embrace technology and creative strategies, and strive for continuous improvement in managing and reducing costs.



Major Business Functions:

Water Line Maintenance: This program operates 24 hours a day, 365 days a year ensuring that all residents living in Round Rock, as well as surrounding wholesale customers, have safe drinking water. Water Line Maintenance crews repair waterline breaks and service leaks, and flushes water mains in accordance with Texas Commission on Environmental Quality (TCEQ) regulations. Field crews also perform preventative maintenance on all valves and fire hydrants as well as provide water utility locations in accordance with State law, Texas Line Locate Bill, and "One Call". The division ensures that the water distribution system is maintained so that we continue to meet adequate pressure and fire protection demands. Water Line Maintenance has an evening shift crew who responds to after-hour calls and makes emergency water repairs. This is an essential service that provides more accessibility to the citizens as well as saves the City money that would be spent on overtime.

Key Customers:

Water Line Maintenance has both internal and external customers. Internal customers include all City Departments. External customers include all Round Rock residents and businesses, contractors, wholesale customers within the City's ETJ, as well as local, state and federal government agencies.

Customer Expectations and Requirements:

All customers require a prompt and professional response to their concerns, issues and/or questions; efficient and effective preventative maintenance; and compliance with all State and Federal regulations.

FY 2014-15 Highlights:

In FY 2014- 15, the Water Line Maintenance division focused on minimizing system down time, improving operational efficiencies and proactive maintenance. Specifically, the division implemented several projects geared toward operational excellence.

- Performed a major emergency repair on the City's 30-inch raw waterline, saving the city approximately \$15,000. Since this repair was done in-house, the line was only out of service for 24 hours.
- Implemented a hydrant flushing system that meters all water used, dechlorinates and diffuses the water discharged, improving water accountability and protecting public property and the environment.
- Implemented a valve inspection and operation schedule on all critical waterlines in the water system to ensure that equipment remains fully functional at all times.

FY 2015-16 Overview and Significant Changes:

Improving efficiencies, reducing costs and providing exceptional customer service is the Water Line Maintenance focus for FY 2015-16. The division is concentrating on the following projects.

- Implementing the city's new asset and maintenance management system (City Works).
- Cross training employees in both water and wastewater fields to improve customer service, reduce labor costs and improve employee retention.
- Integrating technology into the field operations by issuing iPads and smart phones to work crews.

New Programs for FY 2015-16:

No new programs.

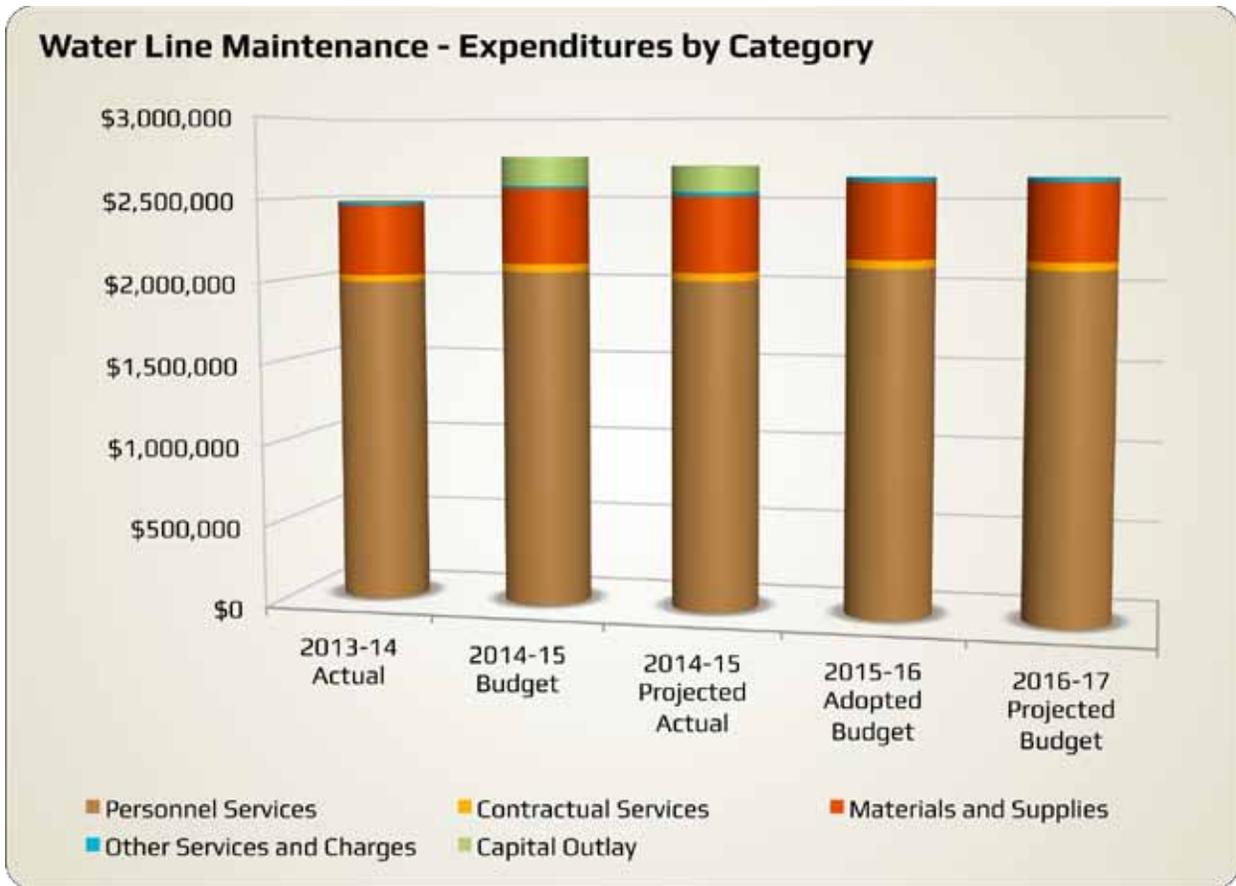
FY 2016-17 Overview and Beyond:

In FY 2016-17 and the future, the Water Line Maintenance division will concentrate on improving operational effectiveness, utilizing available technology and maintaining our aging infrastructure.

- The division will continue to improve our valve, hydrant and flushing programs by cross training, obtaining dual licensing for employees and certifications.
- The division will continue to update maps and provide hardware necessary for field personnel to have the ability to access utility maps at the job site.
- Water Line Maintenance will work with other divisions in the Utility to consolidate all field work units into one central service center.

Water Line Maintenance

	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget
Personnel Services	\$1,989,433	\$2,059,596	\$2,016,774	\$2,101,760	\$2,101,760
Contractual Services	40,056	47,654	47,978	48,169	48,169
Materials and Supplies	433,698	458,570	458,570	462,560	462,560
Other Services and Charges	18,648	17,366	17,325	25,866	25,866
Capital Outlay	-	176,000	155,329	-	-
Total Expenditures:	\$2,481,835	\$2,759,186	\$2,703,876	\$2,638,355	\$2,638,355
Expenditures per Capita:	\$24.07	\$26.18	\$25.65	\$23.15	\$22.52



	Expenditures as a % of Utility Fund					Authorized Personnel as a % of Utility Fund		
	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget	2012-13 Actual	2014-15 Budget	2015-16 Adopted Budget
Water Line Maintenance	6.40%	6.60%	6.50%	6.00%	6.00%	25.00%	24.90%	25.10%

Water / Wastewater Utility Fund

Water Line Maintenance

Water Line Maintenance

Authorized Personnel	Grade	Positions			Full Time Equivalents		
		2013-14 Actual	2014-15 Adopted	2015-16 Adopted	2013-14 Actual	2014-15 Adopted	2015-16 Adopted
Administrative Associate	206	0	1	1	0.00	1.00	1.00
Manager - Utility Services	113	1	1	1	1.00	1.00	1.00
O & M Office Manager	210	1	0	0	1.00	0.00	0.00
Parts - Inventory Specialist	207	1	1	1	1.00	1.00	1.00
Superintendent - Utility Services	112	1	1	1	1.00	1.00	1.00
Supervisor - Utility Services	213	0	2	2	0.00	2.00	2.00
Utility Line Locator	203	1	0	0	1.00	0.00	0.00
Utility Service Worker	206	15	7	7	15.00	7.00	7.00
Utility Service Worker - Senior	209	0	9	9	0.00	9.00	9.00
Utility Services Crew Leader	210	9	9	9	9.00	9.00	9.00
Utility Services Technician	209	1	1	1	1.00	1.00	1.00
Water Line Maintenance Coordinator	206	2	0	0	2.00	0.00	0.00
Total		32	32	32	32.00	32.00	32.00

Water Systems Support

The Water Systems Support Division is responsible for the operation, maintenance, accountability and repair of the City's water distribution system. Water Systems Support is structured utilizing multiple maintenance crews. Reporting lines of authority and accountability are shown below.

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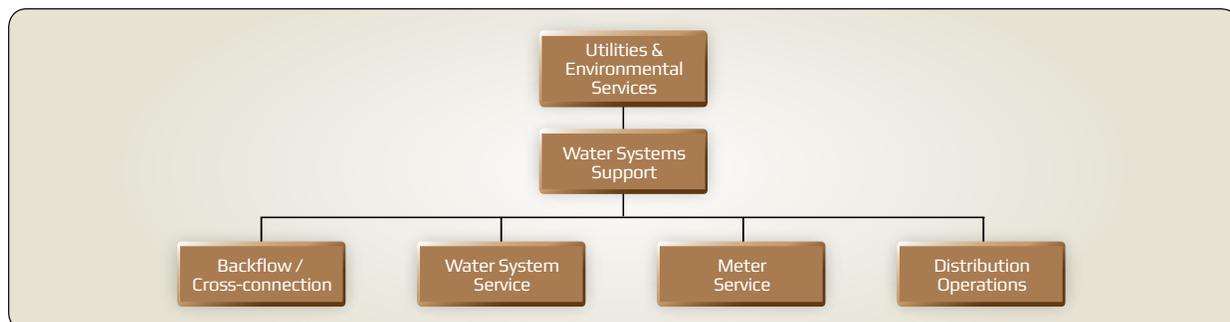
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Major Business Functions:

Water Systems Support consists of: a) Backflow/Cross-Connection; b) Water System Service; c) Meter Service; and d) Water Distribution Operations. These components are under the direction of the Utility Support Superintendent. This division closely monitors, maintains, stores, and distributes safe drinking water to the citizens of Round Rock by ensuring the accurate amount of raw water is delivered to the Water Treatment Plant for processing and is properly distributed and accounted for within the system.

Backflow/Cross-Connection: Staff performs on-site inspections and monitors residential/commercial customers' data for required cross-connection device certifications ensuring compliance with state regulations and cross-connection policies outlined in the City's Code of Ordinances. This program helps protect drinking water from cross contamination ensuring the water is safe for consumption. The devices certification and notification data is managed by BSI Solutions, Inc.

Water System Service: Assures system reliability and safety through its Water System Equipment Maintenance Program by performing routine inspections of 53 water distribution control sites (i.e. wells, storage tanks, booster pump stations, etc.). Maintain and repair motors, pumps, electrical controls and pressure control valves in order to maximize the system's reliability. Water Systems Support maintains an emergency response team that is on call 24 hours a day, 365 days a year.

Meter Service: Ensures water use accountability and maximizes meter performance and accuracy by testing, repairing and replacing residential/commercial meters. This process allows personnel to oversee all of the new residential and commercial meter installations as well as all wholesale and temporary fire hydrant meter accounts.

Water Distribution Operations: Personnel monitor and operate the water distribution system to ensure storage tank levels are adequate for water system pressure and fire protection.

Key Customers:

The Water Systems Support Division's customers are both internal and external. Internal customers include all City Departments and the external customers include all citizens of Round Rock, business owners, wholesale customers, educational institutions, government entities, etc.

Customer Expectations and Requirements:

Our Customers expect clean, safe drinking water at their homes and/or businesses, and the availability of water for fire protection.

FY 2014-15 Highlights:

- Installed additional Water Distribution System Pressure Monitoring Points throughout the system.
- Established procedures for a Water Pump Station Power Usage Study to improve efficiency.
- Continued the installation of an Advanced Metering Infrastructure Project throughout the system. This project, upon completion in 2016, will enable all water customers to obtain real-time usage and water conservation information.
- Modified operations for the System Mechanics to a crew based format.
- Demolished N81 Standpipe and Barton Hill Storage Tanks.

FY 2015-16 Overview and Significant Changes:

- Conduct WTP High Service Pump Station improvements.
- Conduct Southeast Ground Pump Station improvements.
- Conduct Pressure Plane PRV's Vault improvements.

New Programs for FY 2015-16:

No new programs.

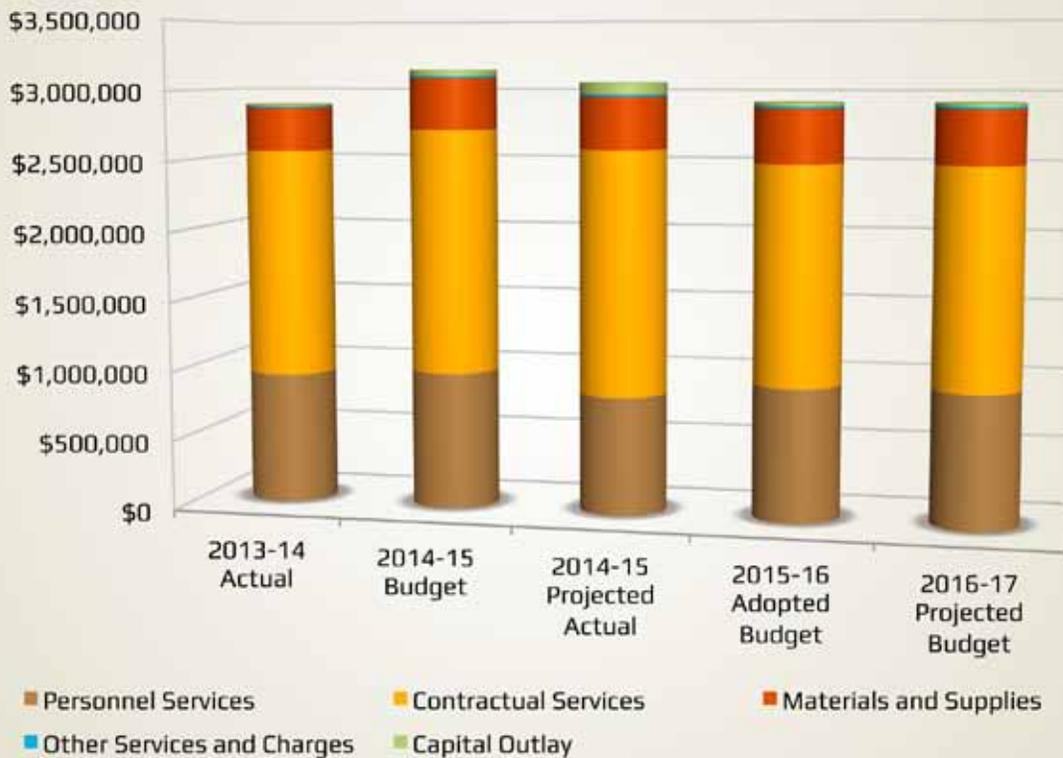
FY 2016-17 Overview and Beyond:

- S81 Elevated Tank Pump Station improvements for the 971 pressure plane.
- Raw Water Pump Motor Controls Improvements.
- Lake Creek Well Pump Station Improvements.

Water Systems Support

	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget
Personnel Services	\$937,060	\$979,630	\$846,487	\$948,031	\$948,031
Contractual Services	1,626,764	1,742,925	1,742,925	1,553,295	1,553,295
Materials and Supplies	311,330	366,735	372,446	383,010	383,010
Other Services and Charges	11,233	14,000	14,000	16,500	16,500
Capital Outlay	11,343	44,000	83,415	25,000	25,000
Total Expenditures:	\$2,897,729	\$3,147,290	\$3,059,273	\$2,925,836	\$2,925,836
Expenditures per Capita:	\$28.10	\$29.86	\$29.02	\$25.67	\$24.97

Water Systems Support - Expenditures by Category



	Expenditures as a % of Utility Fund					Authorized Personnel as a % of Utility Fund		
	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget	2012-13 Actual	2014-15 Budget	2015-16 Adopted Budget
Water System Support	7.50%	7.60%	7.40%	6.60%	6.70%	13.30%	13.20%	12.50%

Water Systems Support

Authorized Personnel	Grade	Positions			Full Time Equivalent		
		2013-14 Actual	2014-15 Adopted	2015-16 Adopted	2013-14 Actual	2014-15 Adopted	2015-16 Adopted
Administrative Technician	205	1	2	1	1.00	2.00	1.00
Meter Services Representative	206	3	2	2	3.00	2.00	2.00
Meter Services Representative - Sr	206	5	5	5	5.00	5.00	5.00
Systems Mechanic	207	5	3	3	5.00	3.00	3.00
Systems Mechanic Crew Leader	210	2	2	2	2.00	2.00	2.00
Systems Mechanic - Sr	209	0	2	2	0.00	2.00	2.00
Water Distribution Technician	210	1	1	1	1.00	1.00	1.00
Total		17	17	16	17.00	17.00	16.00

Water Treatment Plant

The primary activity of the Water Treatment Plant Division is the treatment of surface water, ground water, and reuse water to a level that meets or exceeds state and federal regulations. This is accomplished by utilizing sophisticated equipment, innovative treatment technologies and state certified waterworks operators. The Water Treatment Plant is also responsible for the operations of the computer system used to monitor and control the treatment and distribution of water and the collection of wastewater.

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Operational Excellence - efficiently operate and maintain systems, embrace technology and creative strategies, and strive for continuous improvement in managing and reducing costs.



Major Business Functions:

Water Treatment: This program is responsible for the treatment and distribution of surface water, ground water, and reuse water. The primary objective is to provide superior water quality, meeting or exceeding the applicable regulations, as efficiently as possible. This is accomplished by acquiring untreated raw water from Lake Georgetown, Stillhouse Hollow Lake, and the Edward's Aquifer, adding treatment chemicals, providing filtration and disinfection, and ensuring optimized storage of the treated water for immediate and/or later usage. The surface water treatment plant can treat 52 million gallons of water per day (mgd), the ground water treatment plant treats an average of 2.5 mgd, and the reuse water treatment plant can treat 6 mgd.

Supervisory Control and Data Acquisition (SCADA): The SCADA program maintains and operates the computerized automation system which controls plant operations, water distribution, reuse water treatment/distribution, and the wastewater lift stations. This system consists of field instruments, measuring devices, industrial computers, radios and human/machine interface devices. The SCADA system is a collection of devices that allow the operator to control and monitor equipment throughout the city. This automation optimizes operations, saves energy and improves the quality of service.

Key Customers:

The Water Treatment Plant Division's external customers include every home, office, commercial business, industry, municipal utility district, wholesale customer, regulatory agency and any other individual or entity that receives treated water from the City of Round Rock. Internal customers include all City Departments that use water for consumption, irrigation, recreation, fire protection and all other general water usage.

Customer Expectations and Requirements:

All customers expect a safe, superior quality product delivered with adequate pressure in a cost conscious manner. This level of service is demanded 24 hours a day, 365 days a year. The customer also expects the department to ensure that an adequate water supply is available for the future.

FY 2014-15 Highlights:

In FY 2014-15, the Water Treatment Plant focused on improving efficiencies, optimizing treatment systems and meeting new regulations. The division implemented several projects intended to achieve those goals.

- Installed new Remote Terminal Units with upgraded software and new radios at each remote water tank site and lift station for faster and improved data transmission.
- Began the second phase of monitoring for the Long-Term Two Enhanced Surface Water Treatment Rule to ensure that the source water is free of harmful protozoa.
- Was awarded Best Tasting Surface Water and Best Tasting Ground Water in Central Texas by the Texas Water Utilities Association.

FY 2015-16 Overview and Significant Changes:

Improving efficiencies, updating technology and meeting new regulatory requirements continue to dominate the Water Treatment Plant activities. In particular, the division is focusing on the following.

- Implementing the City's new asset management system and improving data tracking.
- Replacing the SCADA system components at water pumping stations and the ground water treatment site.
- Integrating elements of the SCADA system with the Utility's water model.

New Programs for FY 2015-16:

No new programs.

FY 2016-17 Overview and Beyond:

In the upcoming years, the Water Treatment Plant division will concentrate on activities geared toward maintaining and optimizing existing facilities as well as planning to meet the future needs of the City and its customers.

- The division will continue to improve and optimize operations using advancements in technology and treatment techniques.
- The water treatment plant will continue to monitor the impact of new regulations that may result in a need to alter treatment techniques.
- As portions of the surface water treatment facilities begin to age, the division will focus on preventive maintenance, facility rehabilitation and routine equipment replacement.

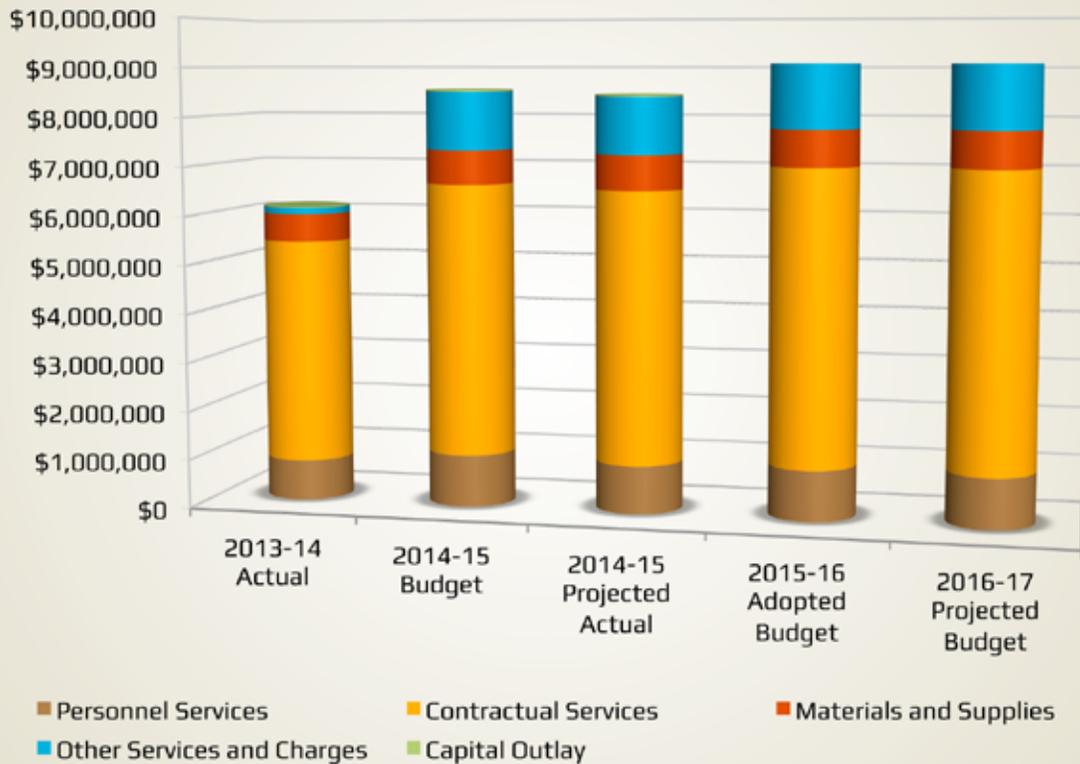
Water / Wastewater Utility Fund

Water Treatment Plant

Water Treatment Plant

	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget
Personnel Services	\$820,945	\$1,059,021	\$975,465	\$1,026,812	\$1,026,812
Contractual Services	4,588,206	5,570,580	5,569,580	6,016,392	6,016,392
Materials and Supplies	572,079	694,185	714,435	746,430	746,430
Other Services and Charges	133,224	1,187,800	1,162,800	1,289,800	1,289,800
Capital Outlay	21,387	41,000	41,000	-	-
Total Expenditures:	\$6,135,841	\$8,552,586	\$8,463,280	\$9,079,434	\$9,079,434
Expenditures per Capita:	\$59.51	\$81.14	\$80.29	\$79.67	\$77.50

Water Treatment Plant - Expenditures by Category



	Expenditures as a % of Utility Fund					Authorized Personnel as a % of Utility Fund		
	2013-14 Actual	2014-15 Budget	2014-15 Projected Actual	2015-16 Adopted Budget	2016-17 Projected Budget	2012-13 Actual	2014-15 Budget	2015-16 Adopted Budget
Water Treatment Plant	15.80%	20.60%	20.50%	20.50%	20.60%	11.70%	11.70%	11.80%

Water Treatment Plant

Authorized Personnel	Grade	Positions			Full Time Equivalents		
		2013-14 Actual	2014-15 Adopted	2015-16 Adopted	2013-14 Actual	2014-15 Adopted	2015-16 Adopted
Coordinator - Water Conservation	109	1	1	1	1.00	1.00	1.00
Manager - Utility Services	113	1	1	1	1.00	1.00	1.00
SCADA Technician	210	1	1	1	1.00	1.00	1.00
Supervisor - Water Plant	213	1	1	1	1.00	1.00	1.00
Utility Systems Integrator	111	1	1	1	1.00	1.00	1.00
Water Plant Operator	208	6	6	6	6.00	6.00	6.00
Water Plant Operator - Senior	209	4	4	4	4.00	4.00	4.00
Total		15	15	15	15.00	15.00	15.00

