

## WATER FUND



San Jose Splash Pad

**WATER FUND**

|  |     |
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## WATER SERVICES FUND SUMMARY

The Water Services Fund is used to account for the revenues generated from operating and maintenance activities related to the Water, Wastewater, and Irrigation utilities. Each of these utility services is tracked separately within this fund to ensure the rate and rate design will fully recover the cost of providing each service. The City operates three water treatment plants and five wastewater treatment plants. The City's water supply is 35% ground water and 65% surface water.

Expenses include debt service payments, capital costs, and transfers out to the General Fund per the City's return on investment (ROI) policy.

### FISCAL YEAR 2016

**Total revenues** are projected to be \$50,573,839, 3.9% higher than the current budget. The higher than expected revenue is primarily the result of higher than expected water and wastewater sales.

**Total expenditures** are projected to be \$74,752,047, 0.26% less than the current budget. Most Departments are expected to finish the current fiscal year within budget.

**Total fund balance** is projected to be \$24,955,155 as of September 30, 2016. Fund balance over the policy required contingency is available to fund non-recurring expenditures and is expected to be used to cash fund CIP projects in FY2017.

### FISCAL YEAR 2017

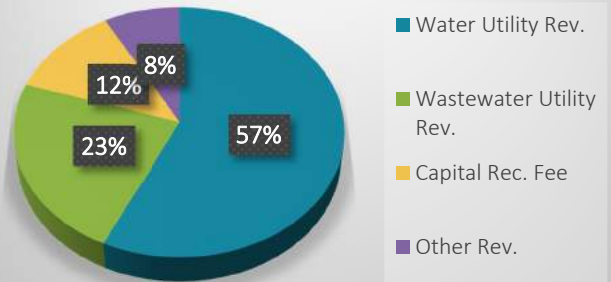
**Budgeted revenues** total \$66,756,338. Overall, revenues are projected to increase by 32% from FY2016. Base revenue growth, of approximately 6%, is still expected as new customers are added. An increase of 4.7% is applied to the wastewater base rate of each customer class, equating to an increase of \$1.40 per month for residential customers. The wastewater rate has not changed since 2007. Bond proceeds for Capital Projects are also increasing. The chart to the right identifies Water Services Fund revenues by source.

**Budgeted expenses** total \$83,240,776, which represents an increase of 11.5% over FY2016 projections. The increase is primarily due to new CIP projects, as well as recommended enhancements for FY2017. The \$46.7 million in capital projects includes replacing mains, reconstructing pump stations, and wastewater treatment plant improvements. Twenty million of the CIP will be funded through bond proceeds, and the remainder will be funded with cash.

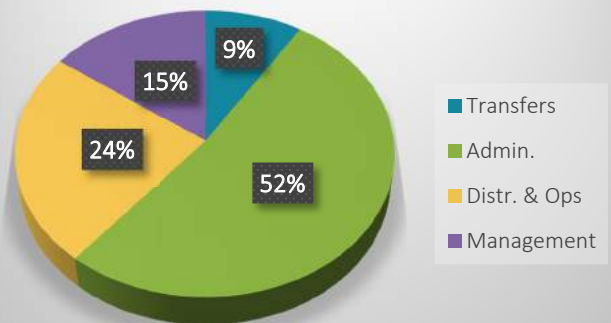
**Approved Enhancements** include \$841,400 for a water purchase contract with Round Rock and \$434,000 for a contract with the Brazos River Authority to provide for additional connections and water services due to growth. These purchases allow the City to defer water treatment plant expansion for up to five years.

New meters, additional wastewater collection odor control, and a vehicle for the West Side Service Center are also included.

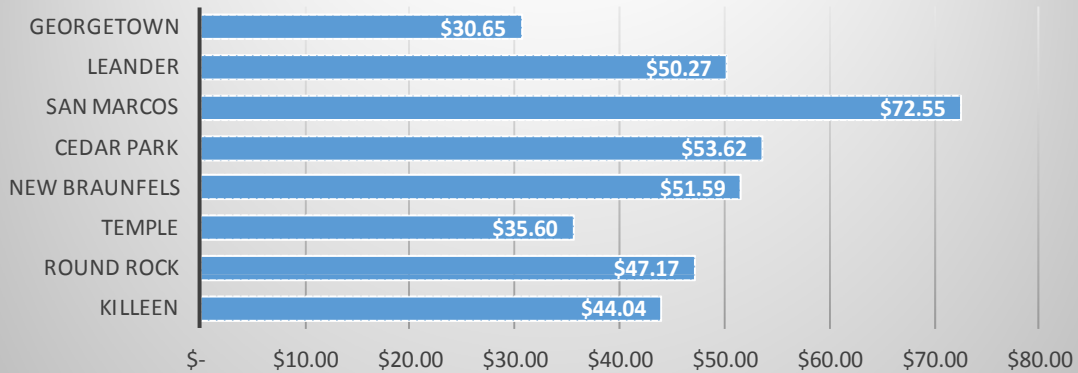
### Operating Revenues



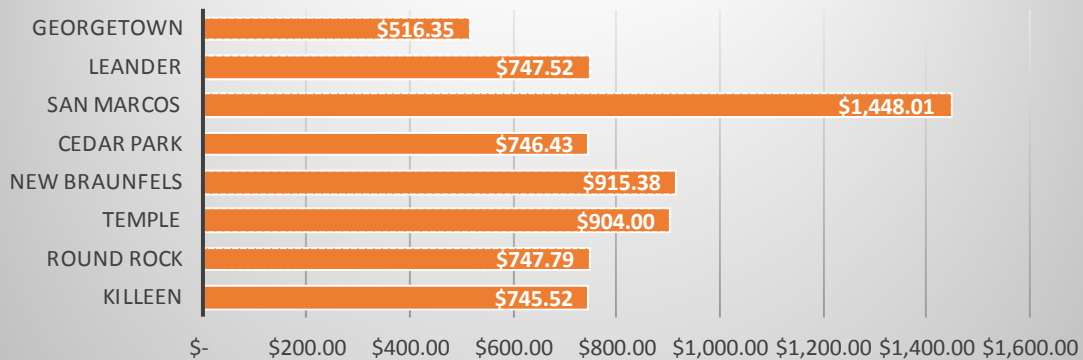
### Operating Expenses



## Wastewater Total Customer Cost: 10,000 Gallons - Residential



## Wastewater Total Customer Cost: 200,000 Gallons - Commercial



## WATER FUND INCOME STATEMENT

|                               | FY2015<br>Actual  | FY2016<br>Budget  | FY2016<br>Projected | FY2017<br>Base    | FY2017<br>Changes | FY2017<br>Budget  |
|-------------------------------|-------------------|-------------------|---------------------|-------------------|-------------------|-------------------|
| <b>Beginning Fund Balance</b> | <b>37,651,221</b> | <b>49,698,815</b> | <b>49,133,364</b>   | <b>24,955,155</b> | <b>-</b>          | <b>24,955,155</b> |

|                                | FY2015<br>Actual  | FY2016<br>Budget  | FY2016<br>Projected | FY2017<br>Base    | FY2017<br>Changes | FY2017<br>Budget  |
|--------------------------------|-------------------|-------------------|---------------------|-------------------|-------------------|-------------------|
| <b>Operating Revenue</b>       |                   |                   |                     |                   |                   |                   |
| Water Utility Revenue          | 23,223,605        | 22,500,000        | 25,100,000          | 26,700,000        | -                 | 26,700,000        |
| Wastewater Utility Revenue     | 9,244,064         | 9,399,394         | 9,525,000           | 10,733,475        | -                 | 10,733,475        |
| Capital Recovery Fee           | 5,924,452         | 5,945,574         | 5,081,780           | 5,367,300         | -                 | 5,367,300         |
| Other Revenue                  | 3,929,232         | 3,341,051         | 3,251,103           | 3,147,088         | -                 | 3,147,088         |
| Irrigation Utility Revenue     | 249,625           | 204,428           | 225,000             | 225,000           | -                 | 225,000           |
| Interest                       | 145,889           | 119,232           | 194,978             | 199,975           | -                 | 199,975           |
| Raw Water Revenue              | 175,255           | 140,000           | 170,000             | 178,500           | -                 | 178,500           |
| Other                          | -                 | -                 | -                   | -                 | -                 | -                 |
| Transfer In, Debt              | 99,783            | 100,000           | 100,000             | -                 | -                 | -                 |
| Transfer                       | -                 | -                 | -                   | -                 | -                 | -                 |
| Transfer In, GCP               | 3,566,436         | -                 | -                   | -                 | -                 | -                 |
| Transfer In, Utilities         | 69,108            | 293,008           | 293,008             | -                 | -                 | -                 |
| <b>Total Operating Revenue</b> | <b>46,627,449</b> | <b>42,042,687</b> | <b>43,940,869</b>   | <b>46,551,338</b> | <b>-</b>          | <b>46,551,338</b> |

|  | FY2015<br>Actual  | FY2016<br>Budget  | FY2016<br>Projected | FY2017<br>Base    | FY2017<br>Changes | FY2017<br>Budget  |
|--|-------------------|-------------------|---------------------|-------------------|-------------------|-------------------|
| <b>Operating Expenditures</b>          |                   |                   |                     |                   |                   |                   |
| 0000 - Transfer                        | -                 | 66,763            | 66,763              | 208,750           | 82,000            | 290,750           |
| 0000 - Transfer Out, General           | 275,000           | 425,000           | 425,000             | -                 | -                 | -                 |
| 0000 - Transfer Out, ISF               | 313,141           | 1,100,947         | 1,100,947           | -                 | -                 | -                 |
| 0000 - Transfer Out, ROI               | 2,487,578         | 2,420,817         | 2,451,400           | 2,648,588         | -                 | 2,648,588         |
| 0000 - Transfer Out, Utilities         | 2,279,506         | -                 | -                   | -                 | -                 | -                 |
| 0302 - Rural Water Customer Care       | 4,833             | -                 | -                   | -                 | -                 | -                 |
| 0353 - Rural Water Customer Care       | 301,884           | 113,850           | 104,900             | -                 | -                 | -                 |
| 0527 - Water Administration            | 10,258,388        | 11,871,918        | 11,301,682          | 15,191,220        | 1,275,400         | 16,466,620        |
| 0528 - Water Distribution              | 2,271,328         | 2,267,236         | 2,764,864           | 745,846           | 553,580           | 1,299,426         |
| 0529 - Water Plant Management          | 2,097,431         | 2,632,741         | 2,645,508           | 2,379,631         | -                 | 2,379,631         |
| 0530 - Wastewater Distribution         | 1,621,054         | 1,891,090         | 1,887,938           | 689,590           | 96,475            | 786,065           |
| 0531 - Wastewater Plant Manager        | 2,311,689         | 2,733,106         | 2,747,161           | 2,430,507         | -                 | 2,430,507         |
| 0532 - Irrigation                      | 162,892           | 308,386           | 304,375             | 233,447           | -                 | 233,447           |
| 0549 - Rural Water Admin               | 2,591,318         | 3,922,196         | 3,553,879           | -                 | -                 | -                 |
| 0550 - Rural Water Operations          | 1,394,717         | 1,336,848         | 1,416,690           | -                 | -                 | -                 |
| 0551 - Rural Water Technical Service   | 92,174            | 158,642           | 136,125             | -                 | -                 | -                 |
| 0552 - Rural Water Systems Engineering | 452,347           | 192,700           | 308,750             | -                 | -                 | -                 |
| 0553 - Water Operations                | -                 | -                 | -                   | 4,540,175         | 256,080           | 4,796,255         |
| <b>Total Operating Expenditures</b>    | <b>28,915,280</b> | <b>31,442,240</b> | <b>31,215,981</b>   | <b>29,067,754</b> | <b>2,263,535</b>  | <b>31,331,289</b> |

|   | FY2015<br>Actual  | FY2016<br>Budget  | FY2016<br>Projection | FY2017<br>Base    | FY2017<br>Changes  | FY2017<br>Budget  |
|---|-------------------|-------------------|----------------------|-------------------|--------------------|-------------------|
| <b>Available Operating Fund Balance</b> | <b>55,363,390</b> | <b>60,299,262</b> | <b>61,858,251</b>    | <b>42,438,739</b> | <b>(2,263,535)</b> | <b>40,175,204</b> |

|                              | FY2015<br>Actual | FY2016<br>Budget | FY2016<br>Projected | FY2017<br>Base    | FY2017<br>Changes | FY2017<br>Budget  |
|------------------------------|------------------|------------------|---------------------|-------------------|-------------------|-------------------|
| <b>Non-Operating Revenue</b> |                  |                  |                     |                   |                   |                   |
| Bond Proceeds                | 9,217,156        | 6,000,000        | 6,000,000           | 20,000,000        | -                 | 20,000,000        |
| Special Improvement Fees     | 705,428          | 642,373          | 632,970             | 205,000           | -                 | 205,000           |
| <b>Grand Total</b>           | <b>9,922,584</b> | <b>6,642,373</b> | <b>6,632,970</b>    | <b>20,205,000</b> | <b>-</b>          | <b>20,205,000</b> |

|                                   | FY2015<br>Actual  | FY2016<br>Budget  | FY2016<br>Projected | FY2017<br>Base    | FY2017<br>Changes | FY2017<br>Budget  |
|-----------------------------------|-------------------|-------------------|---------------------|-------------------|-------------------|-------------------|
| <b>Non-Operating Expenditures</b> |                   |                   |                     |                   |                   |                   |
| CIP 90                            | 11,589,210        | 41,223,500        | 39,230,500          | 46,727,000        | -                 | 46,727,000        |
| CIP 91                            | 171,366           | 71,000            | 71,000              | -                 | -                 | -                 |
| Debt Service                      | 4,845,575         | 4,635,034         | 4,234,566           | 5,182,487         | -                 | 5,182,487         |
| Operations                        | 34,513            | -                 | -                   | -                 | -                 | -                 |
| <b>Grand Total</b>                | <b>16,640,664</b> | <b>45,929,534</b> | <b>43,536,066</b>   | <b>51,909,487</b> | <b>-</b>          | <b>51,909,487</b> |

|                               | FY2015<br>Actual  | FY2016<br>Budget  | FY2016<br>Projected | FY2017<br>Base    | FY2017<br>Changes  | FY2017<br>Budget |
|-------------------------------|-------------------|-------------------|---------------------|-------------------|--------------------|------------------|
| <b>Ending Fund Balance</b>    | <b>48,645,311</b> | <b>21,012,101</b> | <b>24,955,155</b>   | <b>10,734,252</b> | <b>(2,263,535)</b> | <b>8,470,717</b> |
| CAFR Adjustment               | 488,053           | -                 | -                   | -                 | -                  | -                |
| Contingency                   | 7,325,000         | 4,565,000         | 4,565,000           | 5,000,000         | -                  | 5,000,000        |
| <b>Available Fund Balance</b> | <b>41,808,364</b> | <b>16,447,101</b> | <b>20,390,155</b>   | <b>5,734,252</b>  | <b>(2,263,535)</b> | <b>3,470,717</b> |

## WATER ADMINISTRATION & WATER SERVICES

### DEPARTMENT DESCRIPTION

The Water Administration and Water Services Departments are responsible for the operation and maintenance of the infrastructure that provides potable water for over 33,000 customers in a 450 square mile area. The water infrastructure includes 3 treatment plants, 10 storage tanks, 13 pumping stations, 888 miles water distribution piping, 7,143 valves, 4,522 fire hydrants, and meters. Department activities are regulated by the Texas Commission on Environmental Quality (TCEQ), Public Utility Commission (PUC), and the Environmental Protection Agency (EPA).

WATER FUND

WATER ADMINISTRATION  
& WATER SERVICES

50.5 FTEs

### MAJOR DEPARTMENT ACCOMPLISHMENTS FOR FY2016

- ✓ Met all regulatory standards for water service (pressure, flow, water quality)
- ✓ Provided reliable and safe drinking water service to 35,550 customers encompassing a total population of 88,875 by operating and maintaining the water system in a cost efficient and safe manner
- ✓ Developed and implemented an improved water measurement process and reporting for the water utility
- ✓ Commenced operation of a new Daniels Mountain storage tank to increase storage for system reliability
- ✓ Completed the planning, preparation, and staffing associated with bringing Water Operations in-house
- ✓ Relocated appropriate staff to the new Westside Service Center to improve operational efficiencies
- ✓ Entered into a service agreement with Round Rock for the treatment and transport of water
- ✓ Developed and refined operational performance metrics to improve Department performance and system reliability
- ✓ Completed 92 miles of system leak detection to reduce water loss

### MAJOR DEPARTMENT GOALS & STRATEGIES FOR FY2017

- Meet Environmental Protection Agency (EPA) and Texas Commission on Environmental Quality (TCEQ) standards for water service (pressure, flow, and water quality)
- Provide reliable and safe drinking water service by operating and maintaining the water system in a cost efficient and safe manner
- Commence operation of the Cedar Breaks and Rabbit Hill storage tanks
- Negotiate BRA Alliance Water Contract to acquire water and negotiate water treatment and transport agreement with Leander for future needs
- Continue system leak detection program to further reduce water loss
- Develop Water Treatment Plant Operator Training and Progression Program and performance metrics



### Notable Budget Item(s)

Round Rock Wholesale  
Water Purchase  
\$841,000

Wastewater Distribution  
Budget Increase  
\$125,975

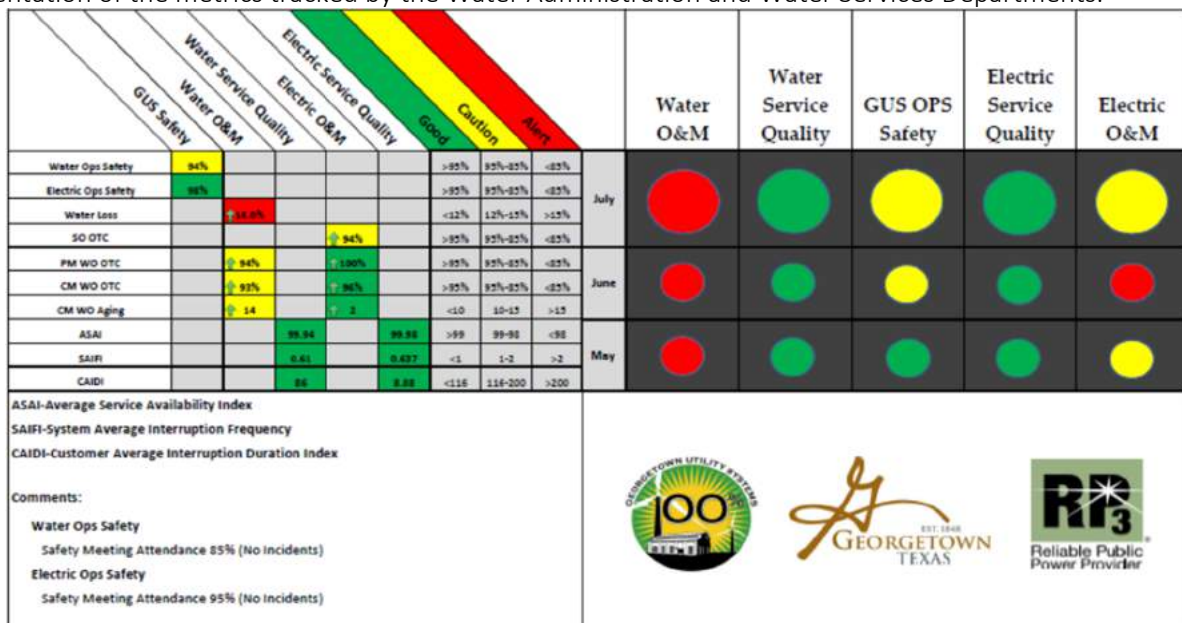


## DEPARTMENTAL BUDGET

|  | FY2015<br>Actual  | FY2016<br>Budget  | FY2016<br>Projected | FY2017 Base<br>Budget | FY2017<br>Changes | FY2017<br>Budget  |
|--|-------------------|-------------------|---------------------|-----------------------|-------------------|-------------------|
| <b>0527 - Water Administration</b>             |                   |                   |                     |                       |                   |                   |
| Personnel                                      | 86,292            | 109,655           | 89,806              | 91,668                | -                 | 91,668            |
| O&M  | 10,172,095        | 11,762,263        | 11,211,876          | 15,337,039            | 445,825           | 15,782,864        |
| Capital  | -                 | -                 | -                   | -                     | 841,400           | 841,400           |
| <b>0527 - Water Administration Sub-total</b>   | <b>10,258,388</b> | <b>11,871,918</b> | <b>11,301,682</b>   | <b>15,428,707</b>     | <b>1,287,225</b>  | <b>16,715,932</b> |
| <b>0528 - Water Distribution</b>               |                   |                   |                     |                       |                   |                   |
| Personnel                                      | 1,386,010         | 1,414,667         | 1,432,006           | -                     | -                 | -                 |
| O&M  | 883,400           | 780,069           | 867,858             | 1,360,000             | 359,230           | 1,719,230         |
| Capital  | 1,918             | 72,500            | 465,000             | 60,000                | 430,000           | 490,000           |
| <b>0528 - Water Distribution Sub-total</b>     | <b>2,271,328</b>  | <b>2,267,236</b>  | <b>2,764,864</b>    | <b>1,420,000</b>      | <b>789,230</b>    | <b>2,209,230</b>  |
| <b>0529 - Water Plant Management</b>           |                   |                   |                     |                       |                   |                   |
| Personnel                                      | -                 | 402,951           | 44,460              | 604,858               | -                 | 604,858           |
| O&M  | 2,097,431         | 2,142,290         | 2,526,048           | 1,699,773             | -                 | 1,699,773         |
| Capital  | -                 | 87,500            | 75,000              | 75,000                | -                 | 75,000            |
| <b>0529 - Water Plant Management Sub-total</b> | <b>2,097,431</b>  | <b>2,632,741</b>  | <b>2,645,508</b>    | <b>2,379,631</b>      | <b>-</b>          | <b>2,379,631</b>  |
| <b>0553 - Water Operations</b>                 |                   |                   |                     |                       |                   |                   |
| Personnel                                      | -                 | -                 | -                   | 3,425,206             | -                 | 3,425,206         |
| O&M  | -                 | -                 | -                   | 274,193               | 14,080            | 288,273           |
| Capital  | -                 | -                 | -                   | -                     | -                 | -                 |
| <b>0553 - Water Operations Sub-total</b>       | <b>-</b>          | <b>-</b>          | <b>-</b>            | <b>3,699,399</b>      | <b>14,080</b>     | <b>3,713,479</b>  |
| <b>Total Departmental Budget</b>               | <b>14,627,147</b> | <b>16,771,895</b> | <b>16,712,054</b>   | <b>22,927,737</b>     | <b>2,090,535</b>  | <b>25,018,272</b> |

## DEPARTMENTAL PERFORMANCE MEASURES

Providing safe drinking water service to customers while maintaining the water system in a cost efficient and reliable manner is a top priority for the Department. Several performance measures are in place to ensure these goals are met. Water Service Quality (WSQ) is measured across the Average Service Availability Index (ASAI), System Average Interruption Frequency Index (SAIFI), and the Customer Average Interruption Duration Index (CAIDI). These measures calculate service/demand ratios, interruption frequency, and outage durations. The chart below is a graphical representation of the metrics tracked by the Water Administration and Water Services Departments.



## WASTEWATER SERVICES

### DEPARTMENT DESCRIPTION

The Wastewater Department is responsible for the operation and maintenance of the infrastructure that provides wastewater for over 24,041 customers. The wastewater infrastructure includes 5 treatment plants, 24 pumping stations, 7,076 manholes, and 337 miles of wastewater collection mains. This Department's activities are regulated by the Texas Commission on Environmental Quality (TCEQ) and the Environmental Protection Agency (EPA).

WATER FUND

WASTEWATER SERVICES

7 FTEs

### MAJOR DEPARTMENT ACCOMPLISHMENTS FOR FY2016

- ✓ Met all regulatory standards for wastewater service (discharge limits, system integrity)
- ✓ Provided reliable wastewater service to 24,041 customers encompassing a total population of 60,100 by operating and maintaining the wastewater system in a cost efficient and safe manner
- ✓ Completed the planning, preparation, and staffing to affect private to public operation of wastewater plant operations with associated cost savings
- ✓ Participated in industry conferences (AWWA, TMUA)
- ✓ New positions filled: 1 Plant Operations Superintendent, Treatment Plant Supervisor and 7 Plant Operators
- ✓ Identified and located the source of mercury excursions creating non-compliance on the Dove Springs WWTP eliminating future violations and fines
- ✓ Westside Service Center completed and relocated a portion of wastewater staff to provide a more efficient level of service to customers
- ✓ Increased the license level and/or advanced 20 technicians using the occupational training program and progression program

### MAJOR DEPARTMENT GOALS & STRATEGIES FOR FY2017

- Meet all regulatory standards for wastewater service (discharge limits, system integrity)
- Provide reliable wastewater service to customers by operating and maintaining the wastewater system in a cost efficient and safe manner.
- Participate in industry conferences for technology advances and changes in operations and maintenance practices
- Implement Industrial Pretreatment Program when required by TCEQ.
- Continue EARZ testing of the collection system to identify flaws in the collection system piping
- Develop plant operator training and progression program
- Develop and implement performance metrics for plant operations to improve compliance and efficiency



### Notable Budget Item(s)

Increase in Operations  
\$91,000

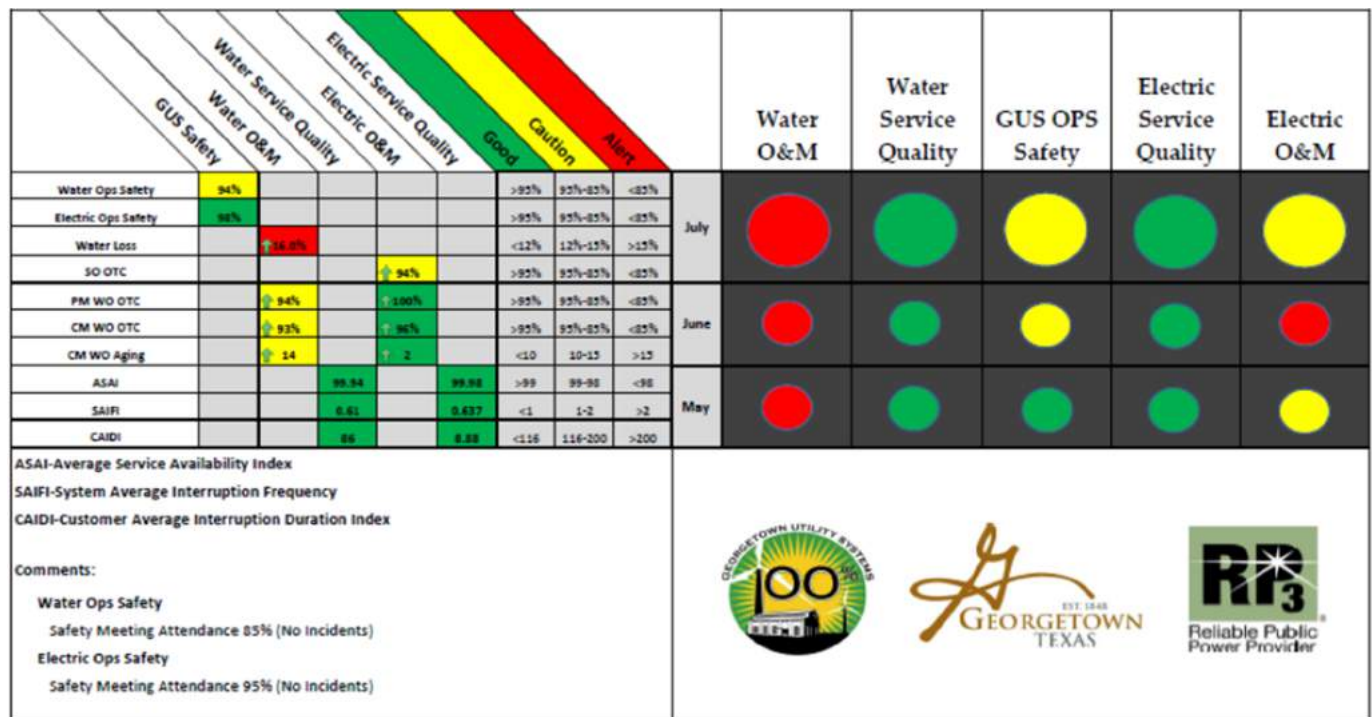


## DEPARTMENTAL BUDGET

|   | FY2015<br>Actual | FY2016<br>Budget | FY2016<br>Projected | FY2017 Base<br>Budget | FY2017<br>Changes | FY2017<br>Budget |
|---|------------------|------------------|---------------------|-----------------------|-------------------|------------------|
| <b>0530 - Wastewater Operations</b>                 |                  |                  |                     |                       |                   |                  |
| Personnel   | 1,102,789        | 1,213,741        | 1,195,868           | -                     | -                 | -                |
| O&M   | 513,765          | 627,349          | 642,070             | 596,700               | 91,000            | 687,700          |
| Capital   | 4,500            | 50,000           | 50,000              | 50,000                | -                 | 50,000           |
| <b>0530 - Wastewater Operations Sub-total</b>       | <b>1,621,054</b> | <b>1,891,090</b> | <b>1,887,938</b>    | <b>646,700</b>        | <b>91,000</b>     | <b>737,700</b>   |
| <b>0531 - Wastewater Plant Management</b>           |                  |                  |                     |                       |                   |                  |
| Personnel   | -                | 505,461          | 44,729              | 550,409               | -                 | 550,409          |
| O&M   | 2,311,689        | 2,127,645        | 2,614,932           | 1,805,098             | -                 | 1,805,098        |
| Capital   | -                | 100,000          | 87,500              | 75,000                | -                 | 75,000           |
| <b>0531 - Wastewater Plant Management Sub-total</b> | <b>2,311,689</b> | <b>2,733,106</b> | <b>2,747,161</b>    | <b>2,430,507</b>      | <b>-</b>          | <b>2,430,507</b> |
| <b>Total Departmental Budget</b>                    | <b>3,932,743</b> | <b>4,624,196</b> | <b>4,635,099</b>    | <b>3,077,207</b>      | <b>91,000</b>     | <b>3,168,207</b> |

## DEPARTMENTAL PERFORMANCE MEASURES

The provision of reliable, safe wastewater service to customers while maintaining the system in a cost efficient and reliable manner is a top priority for the Wastewater Services Department. Performance measures are in place to monitor Operations and Maintenance (O&M), Systems, Project, Resource, and Financial metrics. Metrics for O&M include on-time service delivery, safety, training, and productivity. Systems metrics focus on reliability, availability, output, and capacity for service provision. Project metrics are also in place to monitor infrastructure to ensure continued service provision that is on schedule, within budget, and within allotted resources. Resource and Financial metrics focus on pricing and risk management to ensure the Department is capable of providing debt coverage in the form of return on investment. The image below is a graphical representation of monthly performance measures monitored by the Department.



## REUSE IRRIGATION

### DEPARTMENT DESCRIPTION

The Reuse/Irrigation Department is responsible for the operation and maintenance of infrastructure that distributes reuse irrigation water to five major irrigation customers. Reuse Irrigation infrastructure includes 2 storage tanks, 4 pumping stations, piping, and valves. The Department activities are regulated by the Texas Commission on Environmental Quality (TCEQ) and the Environmental Protection Agency (EPA).

WATER FUND

REUSE IRRIGATION

0 FTE

### MAJOR DEPARTMENT ACCOMPLISHMENTS FOR FY2016

- ✓ Met TCEQ standards for Reuse Irrigation service (water quality)
- ✓ Provided reliable Reuse Irrigation service to customers by operating and maintaining the irrigation system in a cost efficient and safe manner
- ✓ Relocated staff to the Westside Service Center to provide more efficient service to reuse customers
- ✓ Provided 85 million gallons to reuse customers which promotes water conservation



### MAJOR DEPARTMENT GOALS & STRATEGIES FOR FY2017

- Meet TCEQ standards for Reuse Irrigation service (water quality)
- Provide reliable Reuse Irrigation service to customers by operating and maintaining the irrigation system in a cost efficient and safe manner
- Pecan Branch WWTP Expansion to increase reuse irrigation capability

## DEPARTMENTAL BUDGET

|                                  | FY2015<br>Actual | FY2016<br>Budget | FY2016<br>Projected | FY2017 Base<br>Budget | FY2017<br>Changes | FY2017<br>Budget |
|----------------------------------|------------------|------------------|---------------------|-----------------------|-------------------|------------------|
| <b>0532 - Irrigation</b>         |                  |                  |                     |                       |                   |                  |
| Personnel                        | 76,079           | 74,811           | 75,875              | -                     | -                 | -                |
| O&M                              | 86,813           | 233,575          | 228,500             | 205,472               | -                 | 205,472          |
| Capital                          | -                | -                | -                   | -                     | -                 | -                |
| <b>Total Departmental Budget</b> | <b>162,892</b>   | <b>308,386</b>   | <b>304,375</b>      | <b>205,472</b>        | <b>-</b>          | <b>205,472</b>   |

## DEPARTMENTAL PERFORMANCE MEASURES

The City operates a reuse irrigation system that utilizes wastewater effluent to provide water for irrigation. One of the goals for the irrigation department is to maintain Type I effluent water that is safe for public contact 100% of the time. The system currently provides effluent from four of its five wastewater treatment plants to five golf courses in the Georgetown area. Effluent irrigation water is also provided to Southwestern University's athletic fields and the City's parks.



*Reuse irrigation at golf course*



*Southwestern University Athletic Field*

## WATER FUND FIVE-YEAR PROJECTIONS

Five-year Water Fund Assumptions:

- Revenues in Water and Wastewater sales are expected to increase due to growing customer base in the City and Western District
- 5-year CIP project schedule is weighted toward the initial few years to help meet system capacity needs
- Debt service payments are expected to increase over the next five years to pay for capital improvements in the system

|                               | FY2017 Budget     | FY2018 Projected Budget | FY2019 Projected Budget | FY2020 Projected Budget | FY2021 Projected Budget |
|-------------------------------|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Beginning Fund Balance</b> | <b>24,911,799</b> | <b>8,162,449</b>        | <b>17,085,078</b>       | <b>15,819,974</b>       | <b>22,900,355</b>       |

|                                | FY2017 Budget     | FY2018 Projected Budget | FY2019 Projected Budget | FY2020 Projected Budget | FY2021 Projected Budget |
|--------------------------------|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Operating Revenue</b>       |                   |                         |                         |                         |                         |
| Water Utility Revenue          | 26,700,000        | 27,234,000              | 27,778,680              | 28,334,254              | 28,900,939              |
| Wastewater Utility Revenue     | 10,733,475        | 10,948,145              | 11,167,107              | 11,390,450              | 11,618,259              |
| Capital Recovery Fee           | 5,367,300         | 5,474,646               | 5,584,139               | 5,695,822               | 5,809,738               |
| Other Revenue                  | 3,147,088         | 3,210,029               | 3,274,230               | 3,339,714               | 3,406,509               |
| Irrigation Utility Revenue     | 225,000           | 229,500                 | 234,090                 | 238,772                 | 243,547                 |
| Interest                       | 199,975           | 203,975                 | 208,054                 | 212,215                 | 216,459                 |
| Raw Water Revenue              | 178,500           | 182,070                 | 185,711                 | 189,426                 | 193,214                 |
| Transfer In, Debt              | 115,839           | 118,156                 | 120,519                 | 122,929                 | 125,388                 |
| <b>Total Operating Revenue</b> | <b>46,667,177</b> | <b>47,600,520</b>       | <b>48,552,530</b>       | <b>49,523,581</b>       | <b>50,514,053</b>       |

|                                     | FY2017 Budget     | FY2018 Projected Budget | FY2019 Projected Budget | FY2020 Projected Budget | FY2021 Projected Budget |
|-------------------------------------|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Operating Expenditures</b>       |                   |                         |                         |                         |                         |
| 0000 - Transfer                     | 290,750           | 296,565                 | 302,496                 | 308,546                 | 314,717                 |
| 0000 - Transfer Out, General        | 425,000           | 425,000                 | 425,000                 | 425,000                 | 425,000                 |
| 0000 - Transfer Out, ROI            | 2,604,339         | 2,656,426               | 2,709,554               | 2,763,745               | 2,819,020               |
| 0527 - Water Administration         | 16,715,932        | 17,050,250              | 17,391,255              | 17,739,080              | 18,093,862              |
| 0528 - Water Distribution           | 2,209,230         | 2,253,415               | 2,298,483               | 2,344,453               | 2,391,342               |
| 0529 - Water Plant Management       | 2,379,631         | 2,427,223               | 2,475,768               | 2,525,283               | 2,575,789               |
| 0530 - Wastewater                   | 737,700           | 752,454                 | 767,503                 | 782,853                 | 798,510                 |
| 0531 - Wastewater Plant Management  | 2,430,507         | 2,479,117               | 2,528,700               | 2,579,274               | 2,630,859               |
| 0532 - Irrigation                   | 205,472           | 209,581                 | 213,773                 | 218,049                 | 222,410                 |
| 0553 - Water Operations             | 3,713,479         | 3,787,749               | 3,863,504               | 3,940,774               | 4,019,589               |
| <b>Total Operating Expenditures</b> | <b>31,712,040</b> | <b>32,337,781</b>       | <b>32,976,036</b>       | <b>33,627,057</b>       | <b>34,291,098</b>       |

|   | FY2017 Budget     | FY2018 Projected Budget | FY2019 Projected Budget | FY2020 Projected Budget | FY2021 Projected Budget |
|---|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Available Operating Fund Balance</b> | <b>39,866,936</b> | <b>23,425,188</b>       | <b>32,661,572</b>       | <b>31,716,498</b>       | <b>39,123,310</b>       |

|                                    | FY2017 Budget     | FY2018 Projected Budget | FY2019 Projected Budget | FY2020 Projected Budget | FY2021 Projected Budget |
|------------------------------------|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Non-Operating Revenue</b>       |                   |                         |                         |                         |                         |
| Bond Proceeds                      | 20,000,000        | 17,000,000              | 22,000,000              | 10,500,000              | 1,800,000               |
| Special Improvement Fees           | 205,000           | 100,000                 | -                       | -                       | -                       |
| <b>Total Non-Operating Revenue</b> | <b>20,205,000</b> | <b>17,100,000</b>       | <b>22,000,000</b>       | <b>10,500,000</b>       | <b>1,800,000</b>        |

| Row Labels                             | FY2017 Budget     | FY2018 Projected Budget | FY2019 Projected Budget | FY2020 Projected Budget | FY2021 Projected Budget |
|--|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Non-Operating Expenditures</b>      |                   |                         |                         |                         |                         |
| CIP Expense                            | 46,727,000        | 17,000,000              | 31,500,000              | 10,500,000              | 1,800,000               |
| Debt Service                           | 5,182,487         | 6,440,110               | 7,341,598               | 8,816,143               | 9,393,286               |
| <b>Total Non-Operating Expenditure</b> | <b>51,909,487</b> | <b>23,440,110</b>       | <b>38,841,598</b>       | <b>19,316,143</b>       | <b>11,193,286</b>       |

|                               | FY2017 Budget    | FY2018 Projected Budget | FY2019 Projected Budget | FY2020 Projected Budget | FY2021 Projected Budget |
|-------------------------------|------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Ending Fund Balance</b>    | <b>8,162,449</b> | <b>17,085,078</b>       | <b>15,819,974</b>       | <b>22,900,355</b>       | <b>29,730,024</b>       |
| Contingency                   | 5,000,000        | 5,100,000               | 5,200,000               | 5,300,000               | 5,400,000               |
| <b>Available Fund Balance</b> | <b>3,162,449</b> | <b>11,985,078</b>       | <b>10,619,974</b>       | <b>17,600,355</b>       | <b>24,330,024</b>       |