



**Recommendation for  
Water & Wastewater Commission**

|   |  |
|---|--|
| <b>Commission Meeting Date:</b>   | August 14, 2019  |
| <b>Council Meeting Date:</b>  | August 22, 2019  |
| <b>Department:</b>  | Austin Water   |
| <b>Client:</b>  | David Anders   |
| <b>SUBJECT</b>  |  |
| Authorize approval of Austin Water's FY 2020 proposed \$615.5M Operating Budget, \$122M Capital Budget new appropriations, \$975.2M 5-Year CIP spending plan and 0% system-wide rate revenue increase (0 % water, 0 % wastewater, 8.3% reduction for CAP customers, and 14.7% reclaimed). |  |
| <b>AMOUNT AND SOURCE OF FUNDING</b>   |  |
| N/A   |  |
| <b>Purchasing Language:</b>   | N/A  |
| <b>Prior Council Action:</b>  | N/A  |
| <b>Boards and Commission Action:</b>  | August 14, 2019 - To be reviewed by the Water and Wastewater Commission. |
| <b>MBE/WBE:</b>   | N/A  |

This action authorizes approval of Austin Water’s FY 2020 Operating Budget, capital budget appropriations and 5-year spending plan, and the proposed 0% system-wide rate revenue increase (0 % water, 0 % wastewater and 14.7 % reclaimed). Council is scheduled to adopt the budget on September 10, 2019. The City Code in Section 15-9-3 specifically requires a public hearing prior to the City Council approving any changes in electric, water, wastewater, and garbage collection rates.

Austin Water will increase support for the Customer Assistance Program (CAP) customers by reducing the volumetric water and wastewater rates which will result in an additional \$4.00 or 8.3% decrease for the combined average monthly CAP bill.

Austin Water’s proposed changes to the Fiscal Year 2019-20 Budget includes the following changes to the current water and wastewater rates for all retail Customer Assistance Program (CAP) customers:

**CITY OF AUSTIN, TEXAS  
AUSTIN WATER**

**PROPOSED WATER & WASTEWATER RATES  
FY 2019-20**

**PROPOSED RATES EFFECTIVE NOVEMBER 1, 2019**

**WATER RATES**

| <b><u>CAP Residential Class<br/>Volumetric Charge:</u></b> | <b><u>Current Rates<br/>\$ / 1,000 Gallons</u></b> | <b><u>Proposed Rates<br/>\$ / 1,000 Gallons</u></b> |
|--|--|---|
| 0 – 2,000 Gallons  | \$ 2.37  | <b>\$ 1.37</b>                                      |
| 2,001 – 6,000 Gallons                                      | 4.05   | 4.05  |
| 6,001 – 11,000 Gallons                                     | 6.67   | 6.67  |
| 11,001 – 20,000 Gallons                                    | 11.51  | 11.51   |
| 20,001 – over Gallons                                      | 14.21  | 14.21   |

**WASTEWATER RATES**

| <b><u>CAP Residential Class<br/>Volumetric Charge:</u></b> | <b><u>Current Rates<br/>\$ / 1,000 Gallons</u></b> | <b><u>Proposed Rates<br/>\$ / 1,000 Gallons</u></b> |
|--|--|---|
| 0 – 2,000 Gallons  | \$ 4.46  | <b>\$ 3.46</b>                                      |
| 2,001 – over Gallons                                       | 9.94   | 9.94  |

**CITY OF AUSTIN, TEXAS  
AUSTIN WATER UTILITY**

**PROPOSED RECLAIMED WATER RATES  
FY 2019-20  
PROPOSED RATES EFFECTIVE NOVEMBER 1, 2019**

| <b>Reclaimed Monthly Customer Charge:</b> | <b><u>Current Rates</u></b> | <b><u>Proposed Rates</u></b> |
|---|-----------------------------|------------------------------|
| Meter Size:                               |                             |                              |
| 5/8"                                      | \$ 8.00                     | \$ 8.00                      |
| 3/4"                                      | 9.00                        | 9.00                         |
| 1"  | 10.00                       | 10.00                        |
| 1 1/2"                                    | 14.00                       | 14.00                        |
| 2"  | 19.00                       | 19.00                        |
| 3"  | 31.00                       | 31.00                        |
| 4"  | 45.00                       | 45.00                        |
| 6"  | 84.00                       | 84.00                        |
| 8"  | 131.00                      | 131.00                       |
| 10"                                       | 186.00                      | 186.00                       |
| 12"                                       | 271.00                      | 271.00                       |

| <b><u>Reclaimed System-wide Volume Charge</u></b>   | <b><u>Current Rates</u></b> | <b><u>Proposed Rates</u></b> |
|---|-----------------------------|------------------------------|
| All volumes (Unit Cost Per 1,000 Gallons)   |                             |                              |
| <b>Non-Mandatory Connections</b>  | \$ 2.82                     | \$ 2.82                      |
| <i>Potable water conversions with reclaimed main extensions greater than 250 feet; customers with a site plan submitted prior to May 1, 2015.</i> |                             |                              |

| <b><u>Reclaimed System-wide Volume Charge</u></b>   | <b><u>Current Rates</u></b> | <b><u>Proposed Rates</u></b> |
|---|-----------------------------|------------------------------|
| All volumes (Unit Cost Per 1,000 Gallons)   |                             |                              |
| <b>Mandatory Connections</b>  | \$ 4.20                     | \$ 4.20                      |
| <i>New commercial developments or redevelopments within 250 feet of an existing reclaimed main.</i> |                             |                              |

| <b><u>Parkland Reclaimed Water Rates</u></b>   | <b><u>Current Rates</u></b> | <b><u>Proposed Rates</u></b> |
|--|-----------------------------|------------------------------|
| All volumes (Unit Cost Per 1,000 Gallons)  | \$ 1.32                     | <b>\$ 1.39</b>               |
| <i>* Parkland Reclaimed Water rates are for reclaimed water use at City-owned parkland and golf courses,</i> |                             |                              |

| <b><u>Austin Energy Sandhill Power Plant</u></b>   | <b><u>Current Rates</u></b> | <b><u>Proposed Rates</u></b> |
|--|-----------------------------|------------------------------|
| All volumes (Unit Cost Per 1,000 Gallons)  | \$ 1.47                     | <b>\$ 1.68</b>               |
| <i>* AE Sandhill reclaimed water volumetric rate is low because of a high monthly fixed charge of \$10,690.00 that will remain unchanged during the debt service period,</i> |                             |                              |

# AUSTIN WATER

Austin Water provides water, wastewater, reclaimed water, conservation, and environmental protection services to over one million residential customers spanning more than 540 square miles of service area. Austin Water seeks to provide high-quality water and wastewater services that exceed federal and state quality standards while maintaining affordable customer bills compared to peer cities.

## Operating Programs

**Engineering Services** provides effective engineering, project delivery, management, and technical support services for Austin Water's treatment facilities, water distribution, and wastewater collection infrastructure systems to deliver safe, reliable, high quality, sustainable and affordable water and wastewater services to our customers.

**Environmental Affairs & Conservation** leads the Utility in conserving water and land, protecting water quality, and providing the necessary managerial, administrative, regulatory, and technical support services for the Utility's programs to meet community needs and regulatory requirements for drinking water, wastewater effluent, and biosolids.

**Operations** provides reliable and sustainable operations, maintenance, and regulatory support of treatment, distribution, collection, and reclaimed water infrastructure, which together, delivers safe, high quality, and affordable community water services.

**Other Utility Program Requirements** properly accounts for the Utility's department-wide expenditures, such as debt administrative and commission charges, general liability, legal services, and bad debt to ensure the appropriate level of financial reporting.

**Reclaimed Water Services** provides effective planning, engineering, project delivery, management, administrative, regulatory, and technical support services for Austin Water's reclaimed water program to deliver safe, reliable, high quality, sustainable and affordable reclaimed water services to our customers and to increase reclaimed water usage.

**Water Resources Management** provides engineering, technical, management, enforcement and administrative services in order to reduce water leaks, and continuously deliver safe and adequate supplies of drinking water from the treatment plants to customers, to reduce wastewater overflows, and to safely convey wastewater from customers to the treatment plants.

**Support Services** provides administrative and managerial support to the Utility.

**Transfers, Debt Service, and Other Requirements** primarily comprises transfers and other departmental requirements at the fund or agency level.

## Capital Programs

**Buildings and Improvements** includes improvements related to an expansion or renovation of existing facilities and all activities related to the construction of new facilities.

**Information Technology** includes desktop computers, servers, networks, IT security, radio and telephone systems, and software applications.

**Lift Stations** improves or constructs lift stations, which pump wastewater from a low to a high elevation.

**Other** includes capital improvement projects that do not fit into specific categories and may also include temporary accounts that hold appropriations prior to allocation of funds to capital projects.

**Plans and Studies** supports work on departmental and Citywide planning initiatives that enhance the ability to move forward with focused project direction that results in capital assets.

**Pump Stations** improves or constructs pump stations, which pump water from one place to another.

**Reclaimed Water Network** develops facilities to reclaim treated wastewater and distributes the reclaimed water for appropriate uses.

**Reservoirs** improve and construct reservoirs, which are used for water storage.

**Vehicles and Equipment** acquires new and replacement vehicles and equipment to support operations.

**Wastewater Pipe Network** improves and constructs the pipe network that transports wastewater to and from wastewater treatment facilities.

**Wastewater Treatment Plants** improves and constructs wastewater treatment facilities.

**Water Pipe Network** improves and constructs the pipe network that transports water to and from water treatment facilities.

**Water Treatment Plants** improves and constructs water treatment facilities.

**Water/Wastewater/Reclaimed** includes temporary accounts that hold appropriations prior to allocation of funds to capital projects.



# AUSTIN WATER

| Operating Budget                                    | 2016-17<br>Actual  | 2017-18<br>Actual  | 2018-19<br>Estimated | 2018-19<br>Amended | 2019-20<br>Proposed |
|---|--------------------|--------------------|----------------------|--------------------|---------------------|
| <b>Expenditures by Strategic Outcome</b>            |                    |                    |                      |                    |                     |
| Culture and Lifelong Learning                       | 0                  | 66,584             | 66,935               | 66,858             | 0                   |
| Economic Opportunity and Affordability              | 0                  | 3,040,994          | 3,353,574            | 3,599,759          | 1,567,042           |
| Government that Works                               | 0                  | 125,047,584        | 138,071,037          | 138,846,279        | 101,740,830         |
| Health and Environment                              | 0                  | 39,745,257         | 38,328,593           | 37,952,797         | 80,434,696          |
| Mobility  | 0                  | 68,354             | 125,093              | 124,856            | 0                   |
| Safety  | 0                  | 52,362,611         | 57,600,937           | 57,366,776         | 60,585,075          |
| Transfers and Debt Service                          | 0                  | 406,349,316        | 377,475,001          | 382,443,629        | 371,194,889         |
| <b>Total by Strategic Outcome</b>                   | <b>0</b>           | <b>626,680,701</b> | <b>615,021,169</b>   | <b>620,400,953</b> | <b>615,522,532</b>  |
| <b>Expenditure by Program</b>                       |                    |                    |                      |                    |                     |
| Engineering Services                                | 12,002,492         | 12,452,254         | 12,920,970           | 13,089,466         | 13,680,169          |
| Environmental Affairs & Conservation                | 10,297,731         | 11,134,431         | 11,824,744           | 12,187,709         | 12,476,913          |
| One Stop Shop                                       | 729,773            | 0                  | 0                    | 0                  | 0                   |
| Operations  | 0                  | 131,831,912        | 141,622,656          | 140,646,769        | 144,851,520         |
| Other Utility Program Requirements                  | 9,167,507          | 6,708,942          | 9,307,162            | 9,432,966          | 7,511,930           |
| Pipeline Operations                                 | 45,793,322         | 0                  | 0                    | 0                  | 0                   |
| Reclaimed Water Services                            | 328,429            | 529,554            | 567,688              | 571,388            | 578,612             |
| Support Services                                    | 26,409,333         | 28,252,117         | 31,091,377           | 31,183,106         | 32,862,168          |
| Transfers, Debt Service, and Other Requirements     | 377,473,337        | 427,326,381        | 398,254,324          | 403,918,993        | 393,604,384         |
| Treatment   | 78,325,219         | 0                  | 0                    | 0                  | 0                   |
| Water Resources Management                          | 7,851,932          | 8,445,109          | 9,432,248            | 9,370,556          | 9,956,836           |
| <b>Total by Program</b>                             | <b>568,379,076</b> | <b>626,680,701</b> | <b>615,021,169</b>   | <b>620,400,953</b> | <b>615,522,532</b>  |
| <b>Funding Sources</b>                              |                    |                    |                      |                    |                     |
| Austin Water Reclaimed Water Utility Operating Fund | 4,944,520          | 9,384,012          | 6,935,679            | 6,897,877          | 7,881,610           |
| Austin Water Wastewater Utility Operating Fund      | 285,769,548        | 285,033,962        | 280,630,691          | 283,503,113        | 288,614,965         |
| Austin Water Water Utility Operating Fund           | 349,583,999        | 329,659,896        | 309,581,365          | 323,735,528        | 328,063,104         |
| <b>Total Revenue</b>                                | <b>640,298,067</b> | <b>624,077,871</b> | <b>597,147,735</b>   | <b>614,136,518</b> | <b>624,559,679</b>  |
| Civilian FTEs                                       | 1,170.00           | 1,185.00           | 1,201.00             | 1,201.00           | 1,218.00            |

# AUSTIN WATER

| Capital Budget                              | Appropriation<br>Through<br>2018-19 | 2019-20<br>Appropriation | Total<br>Appropriation | Expenditures<br>Through<br>2018-19 | 2019-20<br>Spending Plan | 2021-24<br>Spending Plan |
|---|-------------------------------------|--------------------------|------------------------|------------------------------------|--------------------------|--------------------------|
| <b>Strategic Outcome</b>                    |                                     |                          |                        |                                    |                          |                          |
| Safety                                      | 148,992,049                         | 0                        | 148,992,049            | 122,971,332                        | 51,135,895               | 123,580,561              |
| Health and Environment                      | 1,342,400,023                       | 122,000,000              | 1,464,400,023          | 392,951,542                        | 112,523,465              | 640,791,236              |
| Government that Works                       | 81,156,261                          | 0                        | 81,156,261             | 80,690,890                         | 11,730,742               | 35,477,900               |
| <b>Total</b>                                | <b>1,572,548,333</b>                | <b>122,000,000</b>       | <b>1,694,548,333</b>   | <b>596,613,763</b>                 | <b>175,390,102</b>       | <b>799,849,697</b>       |
| <b>Category</b>                             |                                     |                          |                        |                                    |                          |                          |
| Buildings and Improvements                  | 4,209,764                           | 0                        | 4,209,764              | 2,944,722                          | 4,310,742                | 11,307,900               |
| Information Technology                      | 22,912,213                          | 0                        | 22,912,213             | 24,510,567                         | 4,420,000                | 12,170,000               |
| Lift Stations                               | 7,715,969                           | 0                        | 7,715,969              | 6,629,800                          | 3,488,800                | 15,467,378               |
| Other                                       | 778,612                             | 0                        | 778,612                | 855,331                            | 1,025,000                | 1,600,000                |
| Plans and Studies                           | 1,503,812                           | 0                        | 1,503,812              | 1,503,811                          | 0                        | 0                        |
| Pump Stations                               | 9,079,186                           | 0                        | 9,079,186              | 9,519,130                          | 3,572,064                | 23,002,415               |
| Reclaimed Water Network                     | 28,422,649                          | 0                        | 28,422,649             | 24,004,614                         | 5,468,835                | 35,832,100               |
| Reservoirs                                  | 11,101,056                          | 0                        | 11,101,056             | 11,154,866                         | 7,715,990                | 40,252,605               |
| Vehicles and Equipment                      | 52,530,472                          | 0                        | 52,530,472             | 51,731,790                         | 3,000,000                | 12,000,000               |
| Wastewater Pipe Network                     | 155,582,094                         | 0                        | 155,582,094            | 108,553,569                        | 26,561,142               | 127,897,296              |
| Wastewater Treatment Plants                 | 243,457,235                         | 0                        | 243,457,235            | 148,750,228                        | 48,841,920               | 273,327,583              |
| Water Pipe Network                          | 131,275,622                         | 0                        | 131,275,622            | 104,158,001                        | 27,137,768               | 186,666,879              |
| Water Treatment Plants                      | 128,811,807                         | 0                        | 128,811,807            | 102,297,336                        | 39,847,841               | 60,325,541               |
| Water/Wastewater/Reclaimed                  | 775,167,842                         | 122,000,000              | 897,167,842            | 0                                  | 0                        | 0                        |
| <b>Total</b>                                | <b>1,572,548,333</b>                | <b>122,000,000</b>       | <b>1,694,548,333</b>   | <b>596,613,763</b>                 | <b>175,390,102</b>       | <b>799,849,697</b>       |
| <b>Funding Source</b>                       |                                     |                          |                        |                                    |                          |                          |
| Commercial Paper                            | 861,561,279                         | 0                        | 861,561,279            | 294,708,711                        | 83,744,757               | 354,807,702              |
| Current Revenue                             | 476,510,064                         | 12,000,000               | 488,510,064            | 199,119,466                        | 67,566,471               | 290,723,716              |
| Non-Voter Approved Debt                     | 172,230,829                         | 110,000,000              | 282,230,829            | 57,973,500                         | 22,268,874               | 153,568,279              |
| Non-Voter Approved General Obligation Bonds | 45,880,053                          | 0                        | 45,880,053             | 43,278,045                         | 1,810,000                | 750,000                  |
| Revenue Bonds                               | 16,366,108                          | 0                        | 16,366,108             | 1,534,042                          | 0                        | 0                        |
| <b>Total</b>                                | <b>1,572,548,333</b>                | <b>122,000,000</b>       | <b>1,694,548,333</b>   | <b>596,613,763</b>                 | <b>175,390,102</b>       | <b>799,849,697</b>       |

# AUSTIN WATER

| Tracked Since | Key Performance Indicators  | 2016-17 Actual | 2017-18 Actual | 2018-19 Estimated | 2019-20 Projected | Goal |
|---------------|---|----------------|----------------|-------------------|-------------------|------|
| 2002          | Drinking Water Quality: Turbidity   | 0.08           | 0.06           | 0.1               | 0.1               | 0.1  |
| 2004          | Wastewater Quality: Carbonaceous Biochemical Oxygen Demand (CBOD)   | 2.21           | 2.2            | 3                 | 3                 | 3    |
| 2007          | Percent Invested in Capital Improvements Program (CIP) Projects compared to Planned Spending via the CIP Budget | 94.6           | 83.95          | 80                | 80                | 80   |
| 2011          | Percent of priority 1 leaks responded to within 3 hours   | 93.91          | 92.02          | 90                | 90                | 90   |
| 2011          | Percent of Average Annual Residential Bill to Median Household Income   | 1.57           | 1.48           | 1.47              | 1.5               | 1.5  |
| 2012          | Number of reportable wastewater overflows per 100 miles of wastewater lines per year                            | 1.77           | 2.37           | 2.6               | 3                 | 3    |
| 2012          | Credit rating for separate-lien water utility revenue bonds   | AA             | AA             | AA                | AA                | AA   |

# Austin Water Community Benefit Charge Fund

|   | 2016-17  | 2017-18          | 2018-19          | 2018-19           | 2019-20           |
|---|----------|------------------|------------------|-------------------|-------------------|
|   | Actual   | Actual           | Estimated        | Amended           | Proposed          |
| <b>Beginning Balance</b>  | 0        | 0                | 2,654,098        | 737,814           | 5,486,120         |
| <b>Revenue</b>  |          |                  |                  |                   |                   |
| Other Utility Revenue   | 0        | 7,204,760        | 9,364,259        | 10,147,026        | 10,248,497        |
| Interest  | 0        | 20,008           | 62,947           | 26,400            | 66,100            |
| <b>Total Revenue</b>  | <b>0</b> | <b>7,224,768</b> | <b>9,427,206</b> | <b>10,173,426</b> | <b>10,314,597</b> |
| <b>Total Available Funds</b>  | <b>0</b> | <b>7,224,768</b> | <b>9,427,206</b> | <b>10,173,426</b> | <b>10,314,597</b> |
| <b>Other Requirements</b>   |          |                  |                  |                   |                   |
| Customer Assistance Prog Costs  | 0        | 25,687           | 865,632          | 775,000           | 925,000           |
| <b>Total Other Requirements</b>   | <b>0</b> | <b>25,687</b>    | <b>865,632</b>   | <b>775,000</b>    | <b>925,000</b>    |
| <b>Transfers Out</b>  |          |                  |                  |                   |                   |
| Trf to Water Operating Fund   | 0        | 2,601,918        | 3,517,276        | 5,321,483         | 4,162,493         |
| Trf to Wastewater Operating Fund  | 0        | 1,943,065        | 2,212,276        | 3,810,840         | 2,754,820         |
| <b>Total Transfers Out</b>  | <b>0</b> | <b>4,544,983</b> | <b>5,729,552</b> | <b>9,132,323</b>  | <b>6,917,313</b>  |
| <b>Total Requirements</b>   | <b>0</b> | <b>4,570,670</b> | <b>6,595,184</b> | <b>9,907,323</b>  | <b>7,842,313</b>  |
| <b>Excess (Deficiency) of Total Available Funds Over Total Requirements</b> | 0        | 2,654,098        | 2,832,022        | 266,103           | 2,472,284         |
| <b>Adjustment to GAAP</b>   | 0        | 0                | 0                | 0                 | 0                 |
| <b>Ending Balance</b>   | <b>0</b> | <b>2,654,098</b> | <b>5,486,120</b> | <b>1,003,917</b>  | <b>7,958,404</b>  |

Note: Numbers may not add due to rounding.

# Austin Water Operating Funds

|   | 2016-17            | 2017-18            | 2018-19            | 2018-19            | 2019-20            |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|
|   | Actual             | Actual             | Estimated          | Amended            | Proposed           |
| <b>Beginning Balance</b>                        | <b>139,388,666</b> | <b>214,760,138</b> | <b>215,782,052</b> | <b>191,715,190</b> | <b>197,908,618</b> |
| <b>Revenue</b>                                  |                    |                    |                    |                    |                    |
| Water/Wastewater Revenue                        | 592,042,004        | 568,428,553        | 537,547,552        | 553,975,431        | 562,715,917        |
| Interest  | 2,550,344          | 5,215,685          | 6,582,483          | 3,647,168          | 6,651,842          |
| Other Revenue                                   | 5,621,753          | 4,922,101          | 4,654,143          | 4,993,080          | 4,781,516          |
| Development Fees                                | 1,325,986          | 1,321,192          | 1,267,098          | 1,298,300          | 1,292,400          |
| Public Health Licenses, Permits,<br>Inspections | 649,030            | 694,415            | 741,740            | 710,600            | 756,600            |
| Other Fines                                     | 706,700            | 638,250            | 755,875            | 589,200            | 700,275            |
| Scrap Sales                                     | 58,550             | 76,791             | 131,490            | 46,800             | 134,100            |
| Building Rental/Lease                           | 121,870            | 120,670            | 120,336            | 117,600            | 120,300            |
| Land & Infrastructure Rental/Lease              | 60,500             | 71,500             | 63,500             | 72,000             | 63,500             |
| Miscellaneous Franchise Fees                    | 502,391            | 287,491            | 0                  | 0                  | 0                  |
| Parking Fees                                    | 4,105              | 1,390              | 50                 | 100                | 0                  |
| <b>Total Revenue</b>                            | <b>603,643,232</b> | <b>581,778,040</b> | <b>551,864,267</b> | <b>565,450,279</b> | <b>577,216,450</b> |
| <b>Transfers In</b>                             |                    |                    |                    |                    |                    |
| CIP   | 32,954,253         | 30,000,932         | 34,200,000         | 34,200,000         | 34,572,000         |
| Austin Water Utility                            | 3,400,000          | 11,944,983         | 10,729,552         | 14,132,323         | 12,417,313         |
| Support Services/Infrastructure Funds           | 300,582            | 300,582            | 300,582            | 300,582            | 300,582            |
| Austin Resource Recovery Fund                   | 0                  | 53,334             | 53,334             | 53,334             | 53,334             |
| <b>Total Transfers In</b>                       | <b>36,654,835</b>  | <b>42,299,831</b>  | <b>45,283,468</b>  | <b>48,686,239</b>  | <b>47,343,229</b>  |
| <b>Total Available Funds</b>                    | <b>640,298,067</b> | <b>624,077,871</b> | <b>597,147,735</b> | <b>614,136,518</b> | <b>624,559,679</b> |
| <b>Program Requirements</b>                     |                    |                    |                    |                    |                    |
| Operations                                      | 0                  | 131,831,912        | 141,622,656        | 140,646,769        | 144,851,520        |
| Support Services                                | 26,409,333         | 28,252,117         | 31,091,377         | 31,183,106         | 32,862,168         |
| Engineering Services                            | 12,002,492         | 12,452,254         | 12,920,970         | 13,089,466         | 13,680,169         |
| Environmental Affairs & Conservation            | 10,297,731         | 11,134,431         | 11,824,744         | 12,187,709         | 12,476,913         |
| Water Resources Management                      | 7,851,932          | 8,445,109          | 9,432,248          | 9,370,556          | 9,956,836          |
| Other Utility Program Requirements              | 9,167,507          | 6,708,942          | 9,307,162          | 9,432,966          | 7,511,930          |
| Reclaimed Water Services                        | 328,429            | 529,554            | 567,688            | 571,388            | 578,612            |
| One Stop Shop                                   | 729,773            | 0                  | 0                  | 0                  | 0                  |
| Pipeline Operations                             | 45,793,322         | 0                  | 0                  | 0                  | 0                  |
| Treatment                                       | 78,325,219         | 0                  | 0                  | 0                  | 0                  |
| <b>Total Program Requirements</b>               | <b>190,905,738</b> | <b>199,354,319</b> | <b>216,766,845</b> | <b>216,481,960</b> | <b>221,918,148</b> |
| <b>Other Requirements</b>                       |                    |                    |                    |                    |                    |
| Utility Billing System Support                  | 18,814,781         | 20,566,947         | 19,866,301         | 20,562,342         | 19,629,848         |
| Market Study Adjustment                         | 0                  | 0                  | 0                  | 0                  | 2,194,650          |
| Accrued Payroll                                 | 326,020            | 222,358            | 764,067            | 764,067            | 313,784            |
| Interdepartmental Charges                       | 169,190            | 112,760            | 73,955             | 73,955             | 196,213            |
| Trf to PID Fund                                 | 75,000             | 75,000             | 75,000             | 75,000             | 75,000             |
| <b>Total Other Requirements</b>                 | <b>19,384,992</b>  | <b>20,977,065</b>  | <b>20,779,323</b>  | <b>21,475,364</b>  | <b>22,409,495</b>  |
| <b>Debt Service Requirements</b>                |                    |                    |                    |                    |                    |
| Trf to Util D/S Separate Lien                   | 153,009,361        | 120,791,876        | 141,294,300        | 147,149,281        | 170,999,200        |

Note: Numbers may not add due to rounding.

# Austin Water Operating Funds

|   | 2016-17            | 2017-18            | 2018-19            | 2018-19            | 2019-20            |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|
|   | Actual             | Actual             | Estimated          | Amended            | Proposed           |
| <b>Debt Service Requirements</b>  |                    |                    |                    |                    |                    |
| Tfr to Utility D/S Sub Lien   | 8,807,521          | 9,081,928          | 9,265,850          | 9,294,800          | 9,961,200          |
| Commercial paper interest   | 511,760            | 207,023            | 1,657,101          | 572,064            | 3,159,153          |
| Trf to GO Debt Service  | 3,620,144          | 2,868,844          | 2,042,884          | 2,042,881          | 1,694,724          |
| Tfr to Util D/S Tax/Rev Bonds   | 645,526            | 1,159,477          | 976,802            | 976,802            | 661,646            |
| Tfr to Utility D/S Prior Lien   | 38,802,974         | 56,722,990         | 27,831,139         | 27,963,926         | 0                  |
| <b>Total Debt Service Requirements</b>                                      | <b>205,397,286</b> | <b>190,832,138</b> | <b>183,068,076</b> | <b>187,999,754</b> | <b>186,475,923</b> |
| <b>Transfers Out</b>  |                    |                    |                    |                    |                    |
| Trf to General Fund   | 42,876,568         | 45,914,379         | 47,585,534         | 47,585,534         | 47,485,805         |
| Trf to Wastewater CIP Fund  | 29,200,000         | 42,000,000         | 41,000,000         | 41,000,000         | 40,000,000         |
| TRF CRF to Debt Defeasance  | 22,000,000         | 30,000,000         | 34,200,000         | 34,200,000         | 34,713,000         |
| Trf to Water CIP Fund   | 22,000,000         | 29,000,000         | 27,000,000         | 27,000,000         | 29,000,000         |
| Administrative Support  | 12,485,620         | 12,122,210         | 13,446,037         | 13,446,037         | 13,125,973         |
| Trf to Reclaimed Water Fund   | 3,400,000          | 3,400,000          | 4,000,000          | 4,000,000          | 5,500,000          |
| CTM Support   | 4,127,580          | 4,029,576          | 4,811,624          | 4,811,624          | 4,438,823          |
| Trf to Economic Development   | 2,928,899          | 3,233,332          | 3,867,071          | 3,867,071          | 4,000,466          |
| Trf to CIP Mgm - CPM  | 1,813,549          | 2,407,858          | 2,943,935          | 2,943,935          | 2,130,021          |
| Trf to Water Revenue Stab Rsv   | 9,381,380          | 6,850,265          | 1,949,926          | 1,986,876          | 2,091,302          |
| Workers' Compensation   | 1,213,237          | 1,254,566          | 1,135,888          | 1,135,888          | 1,025,506          |
| Trf to Reclaimed Water CIP Fnd  | 1,000,000          | 1,000,000          | 1,000,000          | 1,000,000          | 750,000            |
| Regional Radio System   | 253,605            | 293,218            | 454,320            | 454,320            | 449,218            |
| CTECC Support   | 10,622             | 11,774             | 12,590             | 12,590             | 8,852              |
| TRF Operating to Debt Defeasance  | 0                  | 34,000,000         | 11,000,000         | 11,000,000         | 0                  |
| <b>Total Transfers Out</b>  | <b>152,691,060</b> | <b>215,517,178</b> | <b>194,406,925</b> | <b>194,443,875</b> | <b>184,718,966</b> |
| <b>Total Requirements</b>   | <b>568,379,076</b> | <b>626,680,701</b> | <b>615,021,169</b> | <b>620,400,953</b> | <b>615,522,532</b> |
| <b>Excess (Deficiency) of Total Available Funds Over Total Requirements</b> | 71,918,992         | (2,602,830)        | (17,873,434)       | (6,264,435)        | 9,037,147          |
| <b>Adjustment to GAAP</b>   | 3,452,481          | 3,624,744          | 0                  | 0                  | 0                  |
| <b>Ending Balance</b>   | <b>214,760,139</b> | <b>215,782,052</b> | <b>197,908,618</b> | <b>185,450,755</b> | <b>206,945,765</b> |

Note: Numbers may not add due to rounding.

# Austin Water Revenue Stability Reserve Fund

|   | 2016-17<br>Actual | 2017-18<br>Actual | 2018-19<br>Estimated | 2018-19<br>Amended | 2019-20<br>Proposed |
|---|-------------------|-------------------|----------------------|--------------------|---------------------|
| <b>Beginning Balance</b>  | <b>28,018,357</b> | <b>37,650,641</b> | <b>45,088,715</b>    | <b>44,068,153</b>  | <b>47,949,414</b>   |
| <b>Revenue</b>  |                   |                   |                      |                    |                     |
| Interest  | 250,904           | 587,809           | 910,773              | 366,740            | 928,989             |
| <b>Total Revenue</b>  | <b>250,904</b>    | <b>587,809</b>    | <b>910,773</b>       | <b>366,740</b>     | <b>928,989</b>      |
| <b>Transfers In</b>   |                   |                   |                      |                    |                     |
| Austin Water Utility  | 9,381,380         | 6,850,265         | 1,949,926            | 1,986,876          | 2,091,302           |
| <b>Total Transfers In</b>   | <b>9,381,380</b>  | <b>6,850,265</b>  | <b>1,949,926</b>     | <b>1,986,876</b>   | <b>2,091,302</b>    |
| <b>Total Available Funds</b>  | <b>9,632,284</b>  | <b>7,438,074</b>  | <b>2,860,699</b>     | <b>2,353,616</b>   | <b>3,020,291</b>    |
| <b>Total Requirements</b>   | <b>0</b>          | <b>0</b>          | <b>0</b>             | <b>0</b>           | <b>0</b>            |
| <b>Excess (Deficiency) of Total Available Funds Over Total Requirements</b> | <b>9,632,284</b>  | <b>7,438,074</b>  | <b>2,860,699</b>     | <b>2,353,616</b>   | <b>3,020,291</b>    |
| <b>Adjustment to GAAP</b>   | <b>0</b>          | <b>0</b>          | <b>0</b>             | <b>0</b>           | <b>0</b>            |
| <b>Ending Balance</b>   | <b>37,650,641</b> | <b>45,088,715</b> | <b>47,949,414</b>    | <b>46,421,769</b>  | <b>50,969,705</b>   |

Note: Numbers may not add due to rounding.

# Austin Water Wildland Conservation Fund

|   | 2016-17          | 2017-18          | 2018-19          | 2018-19          | 2019-20          |
|---|------------------|------------------|------------------|------------------|------------------|
|   | Actual           | Actual           | Estimated        | Amended          | Proposed         |
| <b>Beginning Balance</b>  | <b>1,254,332</b> | <b>1,324,380</b> | <b>1,716,536</b> | <b>936,453</b>   | <b>1,437,341</b> |
| <b>Revenue</b>  |                  |                  |                  |                  |                  |
| Other Revenue   | 397,494          | 634,844          | 350,000          | 250,000          | 350,000          |
| Interest  | 10,576           | 20,063           | 25,000           | 10,000           | 25,000           |
| <b>Total Revenue</b>  | <b>408,069</b>   | <b>654,907</b>   | <b>375,000</b>   | <b>260,000</b>   | <b>375,000</b>   |
| <b>Total Available Funds</b>  | <b>408,069</b>   | <b>654,907</b>   | <b>375,000</b>   | <b>260,000</b>   | <b>375,000</b>   |
| <b>Requirements</b>   |                  |                  |                  |                  |                  |
| Capital   | 182,515          | 1,050            | 300,000          | 90,000           | 220,000          |
| Commodities   | 51,723           | 15,397           | 28,400           | 38,400           | 20,000           |
| Contractuals  | 11,845           | 86,045           | 150,000          | 350,000          | 238,000          |
| Expense Refunds   | (2,800)          | 0                | 0                | 0                | 0                |
| Personnel   | 94,738           | 160,161          | 170,067          | 170,067          | 193,908          |
| <b>Total Requirements</b>   | <b>338,020</b>   | <b>262,653</b>   | <b>648,467</b>   | <b>648,467</b>   | <b>671,908</b>   |
| <b>Other Requirements</b>   |                  |                  |                  |                  |                  |
| Accrued Payroll   | 0                | 315              | 5,728            | 5,728            | (5,445)          |
| <b>Total Other Requirements</b>   | <b>0</b>         | <b>315</b>       | <b>5,728</b>     | <b>5,728</b>     | <b>(5,445)</b>   |
| <b>Total Requirements</b>   | <b>338,020</b>   | <b>262,968</b>   | <b>654,195</b>   | <b>654,195</b>   | <b>666,463</b>   |
| <b>Excess (Deficiency) of Total Available Funds Over Total Requirements</b> | <b>70,049</b>    | <b>391,939</b>   | <b>(279,195)</b> | <b>(394,195)</b> | <b>(291,463)</b> |
| <b>Adjustment to GAAP</b>   | <b>(1)</b>       | <b>217</b>       | <b>0</b>         | <b>0</b>         | <b>0</b>         |
| <b>Ending Balance</b>   | <b>1,324,380</b> | <b>1,716,536</b> | <b>1,437,341</b> | <b>542,258</b>   | <b>1,145,878</b> |

Note: Numbers may not add due to rounding.