## Five Year Forecast Option Summary (In Millions)

## Option 11 Forecast

## Forecast Assumptions

Revenue:

- 2015 Water revenue includes reduced consumption (from 40.3BG to 38.3BG). Average consumption per account consistent for all 5 years.
- Maintains all target levels of DSC, ending balances and equity financing.

| Base Option Summary <br> ( $\$$ in Millions) | Budget <br> FY 2014 | Estimate <br> FY 2014 | $\begin{gathered} \text { Year } 1 \\ \text { FY } 2015 \end{gathered}$ | $\begin{gathered} \text { Year } 2 \\ \text { FY } 2016 \end{gathered}$ | $\begin{gathered} \text { Year } 3 \\ \text { FY } 2017 \end{gathered}$ | $\begin{gathered} \text { Year } 4 \\ \text { FY } 2018 \end{gathered}$ | $\begin{gathered} \text { Year } 5 \\ \text { FY } 2019 \end{gathered}$ | 5-Year <br> Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Beginning Balance: | \$52.0 | \$58.2 | \$43.0 | \$68.7 | \$85.4 | \$107.6 | \$123.3 |  |
| Revenue: |  |  |  |  |  |  |  |  |
| Water | 270.7 | 243.8 | 292.6 | 306.1 | 319.1 | 332.5 | 344.5 | \$1,594.8 |
| Water Drought Surcharge | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Wastewater | 244.5 | 234.6 | 244.3 | 259.3 | 270.1 | 281.5 | 292.0 | 1,347.2 |
| Reclaimed | 0.9 | 1.0 | 1.2 | 1.4 | 1.6 | 2.0 | 2.4 | 8.6 |
| Reserve Fund Surcharge | 6.6 | 5.9 | 7.2 | 8.9 | 9.4 | 9.9 | 2.4 | 37.8 |
| Miscellaneous and Interest Income | 8.6 | 9.5 | 9.1 | 9.1 | 9.6 | 10.1 | 10.3 | 48.2 |
| Transfers In | 13.7 | 13.7 | 12.5 | 13.9 | 14.5 | 15.0 | 16.0 | 71.9 |
| Total Revenue: | \$545.0 | \$508.5 | \$566.9 | \$598.7 | \$624.3 | \$651.0 | \$667.6 | \$3,108.5 |
|  |  |  | 4.0\% | 5.6\% | 4.3\% | 4.3\% | 2.5\% |  |
| Operating Requirements: | \$207.4 | \$203.9 | $\begin{gathered} \$ 208.5 \\ 0.5 \% \end{gathered}$ | $\$ 219.7$ | $\begin{gathered} \$ 229.6 \\ 4.5 \% \end{gathered}$ | $\begin{gathered} \$ 238.9 \\ 4.1 \% \end{gathered}$ | $\begin{aligned} & \$ 252.5 \\ & 5.7 \% \end{aligned}$ | \$1,149.2 |
| Debt Service Requirements: | \$214.3 | \$213.9 | $\begin{gathered} \$ 216.7 \\ 1.1 \% \end{gathered}$ | $\begin{gathered} \$ 222.4 \\ 2.6 \% \end{gathered}$ | $\underset{3.6 \%}{\$ 230.5}$ | $\begin{gathered} \$ 244.0 \\ 5.9 \% \end{gathered}$ | $\begin{aligned} & \$ 234.5 \\ & -3.9 \% \end{aligned}$ | \$1,148.1 |
| Transfers Out: |  |  |  |  |  |  |  |  |
| CIP Transfers | \$42.2 | \$33.2 | \$38.6 | \$54.9 | \$50.6 | \$55.1 | \$56.0 | \$255.2 |
| GF Transfers | 37.9 | 37.9 | 38.9 | 41.7 | 44.7 | 47.8 | 50.0 | 223.1 |
| Other Transfers | 37.0 | 34.8 | 38.4 | 43.4 | 46.9 | 49.6 | 45.4 | 223.7 |
| Total Requirements: | \$538.8 | \$523.7 | \$541.1 | \$582.1 | \$602.3 | \$635.4 | \$638.4 | \$2,999.3 |
|  |  |  | 0.4\% | 7.6\% | 3.5\% | 5.5\% | 0.5\% |  |
| Excess / (Deficit) of Total Available Fund Over Total Requirements: | \$6.2 | (\$15.2) | \$25.8 | \$16.6 | \$22.0 | \$15.6 | \$29.2 | \$109.2 |
| Ending Balance: | \$58.2 | \$43.0 | \$68.8 | \$85.3 | \$107.4 | \$123.2 | \$152.5 |  |
| Debt Coverage Ratios: | 1.53 | 1.31 | 1.54 | 1.58 | 1.58 | 1.55 | 1.61 |  |
| Rate Increases: |  |  |  |  |  |  |  |  |
| Water | 7.4\% | 7.4\% | 23.7\% | 2.5\% | 3.1\% | 3.0\% | 2.5\% | 34.9\% |
| Wastewater | 2.3\% | 2.3\% | 2.6\% | 3.0\% | 3.0\% | 3.0\% | 2.5\% | 14.0\% |
| Reclaimed | 10.8\% | 10.8\% | 13.9\% | 17.4\% | 18.0\% | 20.2\% | 18.6\% | 88.0\% |
| Combined | 4.9\% | 4.9\% | 13.1\% | 2.8\% | 3.1\% | 3.0\% | 2.5\% | 24.6\% |
| Revenue Stability Reserve Fund |  |  |  |  |  |  |  |  |
| Rate (\$/1,000 Gals.) | \$0.15 | \$0.15 | \$0.19 | \$0.23 | \$0.24 | \$0.25 | \$0.06 |  |
| Transfer From Operating | \$1.5 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |  |
| Reserve Fund Balance | \$13.6 | \$11.5 | \$18.7 | \$27.6 | \$37.0 | \$46.9 | \$49.3 |  |
| Number of Days of O\&M | 39 | 34 | 53 | 74 | 95 | 115 | 114 |  |
| CIP Spending Plan |  |  |  |  |  |  |  |  |
| Water | \$169.3 | \$169.3 | \$91.4 | \$79.3 | \$56.9 | \$66.8 | \$71.4 | \$365.8 |
| Wastewater | 65.0 | 65.0 | 83.2 | 79.5 | 90.9 | 93.6 | 91.7 | 438.9 |
| Reclaimed | 3.0 | 3.0 | 7.2 | 8.7 | 9.3 | 3.9 | 6.0 | 35.1 |
| Combined | \$237.3 | \$237.3 | \$181.8 | \$167.5 | \$157.1 | \$164.3 | \$169.1 | \$839.8 |
| Operating Cash Days of O\&M | 61 | 20 | 60 | 81 | 108 | 124 | 154 |  |
| Equity Financing \%s | 23.7\% | 24.8\% | 28.2\% | 41.6\% | 41.5\% | 42.9\% | 42.4\% |  |

CITY OF AUSTIN, TEXAS
AUSTIN WATER UTILITY
Budget FY 2015-19
Joint Comm Option \#t*** DRAFT ***
Combined Operating Budget
Fund Summary

BEGINNING BALANCE:
REVENUES:
Water Services
Water Services Drought Surcharge
Wastewater Services
Reclaimed Water Services
Revenue Stability Fee
Reserve Fund Surcharge
Miscellaneous Revenue
Interest Income
TOTAL REVENUES:
TRANSFERS IN:
Public Works
Capital Recovery Fees
Austin Resource Recovery
Conservation Rebates and Incentives Fund TOTAL TRANSFERS IN:
TOTAL AVAILABLE FUNDS:

| Actual <br> 2011-12 | Actual 2012-13 | Amended Budget 2013-14 | $\begin{gathered} \text { Estimated } \\ 2013-14 \\ \hline \end{gathered}$ | $\begin{gathered} 1 \\ \text { Proposed } \\ 2014-15 \end{gathered}$ | $\begin{gathered} 2 \\ \text { Projected } \\ 2015-16 \end{gathered}$ | $\begin{gathered} 3 \\ \text { Projected } \\ 2016-17 \\ \hline \end{gathered}$ | 4 <br> Projected 2017-18 | $\begin{gathered} 5 \\ \text { Projected } \\ 2018-19 \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$71,741,693 | \$72,928,463 | \$51,961,386 | \$58,198,887 | \$42,985,771 | \$68,732,516 | \$85,405,148 | \$107,609,809 | \$123,276,9 |


| $\$ 218,727,734$ | $\$ 227,523,326$ | $\$ 270,680,736$ | $\$ 243,773,631$ | $\$ 292,601,333$ | $\$ 306,111,828$ | $\$ 319,102,599$ | $\$ 332,504,198$ | $\$ 344,542,775$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 0 | 0 | 0 | 0 | 0 | 0 |  |  |  |
| $211,374,785$ | $232,520,904$ | $244,539,902$ | $234,590,288$ | $244,253,468$ | $259,333,104$ | $270,129,097$ | $281,525,776$ | $291,961,059$ |
| 567,309 | 863,859 | 869,197 | $1,015,839$ | $1,180,228$ | $1,392,356$ | $1,643,797$ | $1,993,960$ | $2,378,752$ |
| $15,743,313$ | $5,759,521$ | 0 | 0 | 0 | 0 | 0 | 0 |  |
| 0 | $3,410,038$ | $6,551,876$ | $5,940,627$ | $7,245,099$ | $8,866,483$ | $9,442,137$ | $9,927,447$ | $2,410,693$ |
| $5,218,127$ | $7,923,029$ | $8,310,800$ | $9,200,224$ | $8,800,000$ | $8,698,084$ | $8,812,441$ | $8,925,225$ | $9,035,620$ |
| 268,296 | 227,271 | 296,255 | 296,255 | 289,847 | 439,053 | 791,391 | $1,212,954$ | $1,268,073$ |
| $\$ 451,899,564$ | $\$ 478,227,948$ | $\$ 531,248,766$ | $\$ 494,816,864$ | $\$ 554,369,975$ | $\$ 584,840,908$ | $\$ 609,921,462$ | $\$ 636,089,560$ | $\$ 651,596,972$ |

OPERATING REQUIREMENTS
Operations and Maintenance
Treatment
Pipeline Operations
Engineering Services
Water Resources Management
Environmental Affairs \& Conservation
Support Services - Utiiliy
Reclaimed Water Services
One Stop Shop
Other Operating Expenses

Budget FY 2015-19
Joint Comm Option \#1 *** DRAFT ***

## Water Operating Budget <br> Fund Summary

beginning balance:
REVENUES:
Water Services
Water Services Drought Surcharge
Wastewater Services
Reclaimed Water Services
Revenue Stability Fee
Reserve Fund Surcharge
Miscellaneous Revenue
Interest Income
TOTAL REVENUES:
TRANSFERS IN:
Public Works
Capital Recovery Fees
Water \& Wastewater Utility Fund
Austin Resource Recovery
Conservation Rebates and Incentives Fund
TOTAL TRANSFERS IN:

| $\$ 218,727,734$ | $\$ 227,523,326$ | $\$ 270,680,736$ | $\$ 243,773,631$ | $\$ 292,601,333$ | $\$ 306,111,828$ | $\$ 319,102,599$ | $\$ 332,504,198$ | $\$ 344,542,775$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| $15,743,313$ | $5,759,521$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | $3,410,038$ | $6,551,876$ | $5,940,627$ | $7,245,099$ | $8,866,483$ | $9,442,137$ | $9,927,447$ | $2,410,693$ |
| $1,920,469$ | $3,353,589$ | $4,187,000$ | $4,700,000$ | $4,730,000$ | $4,662,028$ | $4,715,673$ | $4,767,240$ | $4,816,277$ |
| 55,319 | 54,130 | 142,173 | 142,173 | 130,818 | 219,475 | 405,103 | 645,609 | 694,706 |
| $\$ 236,446,835$ | $\$ 240,100,604$ | $\$ 281,561,785$ | $\$ 254,556,431$ | $\$ 304,707,250$ | $\$ 319,859,814$ | $\$ 333,665,512$ | $\$ 347,844,494$ | $\$ 352,464,451$ |
|  |  |  |  |  |  |  |  |  |
| $\$ 150,291$ | $\$ 150,291$ | $\$ 150,291$ | $\$ 150,291$ | $\$ 150,291$ | $\$ 150,291$ | $\$ 150,291$ | $\$ 150,291$ | $\$ 150,291$ |
| $3,000,000$ | $3,000,000$ | $6,000,000$ | $6,000,000$ | $6,300,000$ | $7,000,000$ | $7,600,000$ | $8,300,000$ | $8,900,000$ |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 139,892 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $\$ 3,150,291$ | $\$ 3,290,183$ | $\$ 6,150,291$ | $\$ 6,150,291$ | $\$ 6,450,291$ | $\$ 7,150,291$ | $\$ 7,750,291$ | $\$ 8,450,291$ | $\$ 9,050,291$ |
| $\$ 239,597,126$ | $\$ 243,390,787$ | $\$ 287,712,076$ | $\$ 260,706,722$ | $\$ 311,157,541$ | $\$ 327,010,105$ | $\$ 341,415,803$ | $\$ 356,294,785$ | $\$ 361,514,742$ |

## OPERATING REQUIREMENTS

| Operations and Maintenance |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treatment | \$34,032,153 | \$37,552,940 | \$39,471,666 | \$38,453,771 | \$38,759,459 | \$39,929,205 | \$41,340,726 | \$42,765,964 | \$44,221,056 |
| Pipeline Operations | 21,546,112 | 22,447,781 | 24,477,620 | 23,797,589 | 24,092,338 | 25,218,582 | 26,429,446 | 27,185,717 | 29,622,783 |
| Engineering Services | 4,850,394 | 5,430,332 | 5,164,053 | 5,092,614 | 5,116,655 | 5,380,942 | 5,756,842 | 5,908,132 | 6,023,612 |
| Water Resources Management | 2,053,135 | 2,207,906 | 3,415,690 | 3,398,400 | 3,401,203 | 3,553,227 | 3,724,702 | 3,908,506 | 4,042,483 |
| Environmental Affairs \& Conservation | 7,766,156 | 7,786,305 | 10,502,602 | 10,188,776 | 10,272,510 | 11,011,117 | 11,492,900 | 11,981,001 | 12,264,918 |
| Support Services - Utility | 9,702,143 | 9,767,337 | 12,089,353 | 11,894,381 | 11,951,779 | 12,732,639 | 13,453,790 | 14,108,072 | 14,617,558 |
| Reclaimed Water Services | 0 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 |
| One Stop Shop | 219,302 | 240,615 | 292,369 | 292,369 | 292,419 | 294,965 | 300,048 | 305,283 | 310,674 |
| Other Operating Expenses | 2,860,345 | 6,197,194 | 6,795,916 | 7,395,916 | 8,203,837 | 8,852,549 | 9,583,731 | 10,407,132 | 11,332,159 |
| Total Operations \& Maintenance | \$83,029,740 | \$91,630,410 | \$102,209,269 | \$100,513,816 | \$102,090,200 | \$106,973,226 | \$112,082.185 | \$116,569,807 | \$122,435,243 |
| (\%RR) | 35.7\% | 33 3\% | 36.7\% | 37.4\% | 35.7\% | 337\% | 34.6\% | 33\% | 35.7\% |
| Other Requirements: |  |  |  |  |  |  |  |  |  |
| Accrued Payroll | \$164,348 | \$137,006 | \$225,542 | \$225,542 | \$259,373 | \$277,529 | \$296,956 | \$317,743 | \$339,985 |
| Public Improvement District | 37,500 | 0 | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 |
| AE Billing \& Customer Care | 10,573,659 | 12,366,897 | 13,024,145 | 13,024,145 | 13,675,352 | 14,359,120 | 15,077,076 | 15,830,930 | 16,622,477 |
| 311 System Support | 500,000 | 500,000 | 135,488 | 135,488 | 135,488 | 135,488 | 135,488 | 135,488 | 138,875 |
| Compensation Adjustment | - | - | - | - | 388,165 | 787,974 | 811,614 | 835,962 | 861,041 |
| Additional Contribution to Retirement | 2,027,030 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Other Requirements: | \$13,302,537 | \$13,003,903 | \$13,422,675 | \$13,422,675 | \$14,495,878 | \$15,597,611 | \$16,358,634 | \$17,157,623 | \$17,999,878 |
| TOTAL OPERATING REQUIREMENTS: | \$96,332,277 | \$104,634,313 | \$115,631,944 | \$113,936,491 | \$116,586,078 | \$122,570,837 | \$128,440,819 | \$133,727,430 | \$140,435,121 |
| (\%RR) | 41.4\% | 38.0\% | 41.5\% | 42.4\% | 40.8\% | 35.6\% | 39.7\% | 38.9\% | 40.9\% |
| DEBT SERVICE: |  |  |  |  |  |  |  |  |  |
| Revenue Bond Debt Service | \$86,854,688 | \$95,071,310 | \$105,544,704 | \$108,146,320 | \$111,908,793 | \$115,252,849 | \$120,439,869 | \$127,504,624 | \$123,041,826 |
| Commercial Paper Debt Service | 133,340 | 167,829 | 372,632 | 232,139 | 356,358 | 282,762 | 514,488 | 276,569 | 598,039 |
| General Obligation Debt Service | 2,393,499 | 2,460,184 | 2,309,885 | 2,307,504 | 1,992,324 | 1,933,737 | 1,837,248 | 1,600,177 | 1,366,418 |
| Water District Bonds | 266,158 | 264,703 | 265,351 | 265,351 | 264,380 | 269,021 | 238,871 | 239,965 | 244,027 |
| TOTAL DEBT SERVICE: | \$89,647,685 | \$97,964,026 | \$108,492,572 | \$110,951,314 | \$114,521,855 | \$117,738,369 | \$123,030,476 | \$129,621,335 | \$125,250,310 |
| (\%RR) | 38.6\% | 35.8\% | 38,9\% | 41.3\% | 40.1\% | 37.1\% | 38.0\% | 37.7\% | 36.5\% |
| TRANSFERS OUT: |  |  |  |  |  |  |  |  |  |
| Capital Improvement Program Funds | \$20,600,000 | \$34,901,334 | \$10,500,000 | \$1,500,000 | \$10,000,000 | \$26,800,000 | \$17,900,000 | \$21,600,000 | \$23,300,000 |
| General Fund | 15,746,956 | 17,722,306 | 20,006,684 | 20,006,684 | 19,983,506 | 21,849,290 | 24,029,376 | 26,191,690 | 27,370,775 |
| Revenue Stability Reserve Fund | 0 | 5,515,444 | 8,051,876 | 5,940,627 | 7,245,099 | 8,866,483 | 9,442,137 | 9,927,447 | 2,410,693 |
| Radio Communications Fund | 180,989 | 192,470 | 139,560 | 139,560 | 153,516 | 168,868 | 185,755 | 204,331 | 224,764 |
| Sustainability Fund | 2,372,240 | 2,545,077 | 2,561,713 | 2,561,713 | 3,047,073 | 3,198,598 | 3,336,655 | 3,478,445 | 3,524,645 |
| Economic Development Fund | 0 | 0 | 324,362 | 324,362 | 584,374 | 946,686 | 1,297,310 | 1,336,229 | 1,376,316 |
| Reclaimed Utility Fund | 0 | 960,000 | 1,880,000 | 1,880,000 | 1,428,000 | 1,581,000 | 1,477,000 | 1,244,000 | 1,400,000 |
| Administrative Support - City | 4,818,042 | 7,395,973 | 8,063,474 | 8,063,474 | 8,869,821 | 9,756,803 | 10,732,483 | 11,805,731 | 12,986,304 |
| Communication \& Technology Mngt Fund | 1,562,613 | 1,723,698 | 1,773,272 | 1,773,272 | 1,950,599 | 2,145,659 | 2,360,225 | 2,596,248 | 2,855,873 |
| CTECC Emergency Operations Center | 2,997 | 3,559 | 4,413 | 4.413 | 4,854 | 5,339 | 5,873 | 6,460 | 7,106 |
| Liability Reserve Fund | 275,000 | 250,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 |
| Workers' Compensation Fund | 511,201 | 597,517 | 721,514 | 721,514 | 809,126 | 890,039 | 979,043 | 1,076,947 | 1,184,642 |
| Economic Incentives Reserve Fund | 166,666 | 166,666 | 166,666 | 166,666 | 166,666 | 166,666 | 166,666 | 166,666 | 166,666 |
| PARD CIP-Swimming Pools | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Environmental Remediation Fund | 182,095 | 325,595 | 223,762 | 223.762 | 223,762 | 223,762 | 223,762 | 182,096 | 182,096 |
| TOTAL TRANSFERS OUT: (\%RR) | \$46,518,799 | \$72,399,639 | \$54,717,296 | \$43,606,047 | \$54,766,396 | \$76,899,193 | \$72,436.285 | \$80,116.290 | \$77,289,880 |
|  | 20.0\% | 26 3\% | 19.6\% | 16.2\% | 19.2\% | 24.2\% | 22 4\% | 23.3\% | 5\% |
| TOTAL REQUIREMENTS: | \$232,498,761 | \$274.997.978 | \$278,841,812 | \$268,493,852 | \$285,874,329 | \$317,208,399 | \$323,907,580 | \$343,465,055 | \$342,975,311 |
| EXCESS / (DEFICIENCY) OF TOTAL AVAILABLE |  |  |  |  |  |  |  |  |  |
| ADJUSTMENT TO GAAP | \$1,043,101 | $(5276,695)$ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| ENDING BALANCE: | \$50,463,845 | \$18,579,959 | \$32,858,615 | \$10,792,829 | \$36,076,041 | \$45,877,747 | \$63,385,970 | \$76,215,701 | \$94,755,131 |
| Water Rate Increases | 5.0\% | 5.0\% | 7.4\% | 7.4\% | 23.7\% | 2.5\% | 3.1\% | 3.0\% | 2.5\% |
| Debt Service Coverage Ratio |  |  | 1.53 | 1.20 | 1.58 | 1.60 | 1.59 | 1.56 | 1.58 |

