



SOUTH TAHOE
PUBLIC UTILITY DISTRICT

**TEN-YEAR
FINANCIAL PLAN
2019/20 TO 2028/29**

JUNE 2019



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TEN-YEAR FINANCIAL PLAN

July 1, 2019 to June 30, 2029

PURPOSE

In an effort to set a responsible financial plan for South Tahoe Public Utility District, finance staff prepares a Ten-Year Financial and Capital Improvement Plan (the Plan) for use by the Board of Directors and management. The ten-year period covered is July 1, 2019 to June 30, 2029. This Plan is based on the best available information and Board direction as of May 16, 2019. How closely the ten-year plan comes to forecasting the financial results will depend on whether the assumptions used prove to be correct and the number of unforeseen changes during the ten-year period.

ASSUMPTIONS

The Plan assumptions are: operations and maintenance expenses and depreciation increase at 2.0% per year; salaries increase at 3.0% per year and benefits increase at 3.0% per year due to anticipated increases of health insurance and retirement costs; full implementation of the five-year service charge rate schedule adopted by the Board on May 16, 2019; property tax revenue is estimated to increase 2% annually; interest income is forecasted at an earnings rate of 1.5% early on working up to 3.0% mid-way through the forecast; and capacity/connection fees are expected to be received from 30 to 35 residential allocations each year. Due to the unknown nature of commercial connections, we have projected total annual commercial development equivalent to 50 sewer units and one four inch water connection.

CAPITAL SPENDING

Sewer fund capital spending over the ten-year period is anticipated to total \$91.3 million, not including associated labor and operating costs or debt payments for prior capital projects. Of this amount, \$81.8 million is for engineered

infrastructure improvements. The District's investment in capital is more than 100% of the forecasted depreciation expense, which is estimated to total \$54.7 million over ten years. The capital projects include spending for the sewer treatment plant and system upgrades, pump station improvements, pipeline rehab and replacement, recycled water system enhancements, heavy equipment replacement, and other equipment purchases. Specifically, the Plan includes the replacement of the sewer plant emergency generator, improvements to the "Big Five" pump stations, gravity main replacements, field communication upgrades, secondary clarifiers rehabilitation and several other wastewater collection, treatment, and recycling projects. Sixty-seven percent of the infrastructure costs are forecasted to be self-funded, and the remaining 33% of the costs are borrowed from lenders. The District is seeking to borrow approximately \$30.0 million from the California State Revolving Loan Program through the State Water Resources Control Board in the form of low-interest loans. See the accompanying Capital Outlay schedules for details by department and project or item.

Water fund capital spending over the ten-year period is anticipated to total \$75.6 million, not including associated labor and operating costs or debt payments for prior capital projects. Of this amount, \$69.9 million is for engineered infrastructure improvements. The District's investment in capital is more than 100% of the forecasted depreciation expense, which is estimated to total \$40.8 million over ten years. The ten-year capital improvement plan allows for installing all remaining meters (approximately 1,500) on unmetered connections. The District is required by state law to have all water connections metered by the year 2025. This project is utilizing funding from low-cost loans from the State Water Resources Control Board. The capital improvement plan also allows for the replacement of a portion of the undersized waterlines in the water distribution system and installation of additional fire hydrants. Currently, approximately 10% of the distribution system is undersized and does not provide adequate flows for fire protection. Other capital projects in the Plan include booster station and water tank improvements, heavy equipment replacement, and technological

equipment upgrades. Fifty-one percent of the infrastructure costs are forecasted to be self-funded and the remaining 49% of the costs are borrowed from lenders. The District is seeking to borrow approximately \$37.3 million from the California State Revolving Loan Program through the State Water Resources Control Board in the form of low-interest loans. See the accompanying Capital Outlay schedules for details by department and project or item.

CASH RESERVES

The District prudently maintains minimum reserve levels to address unexpected expenditures or reduction in revenue sources. Reserves are available for debt, operations, capital projects, and to avoid large rate increases. The operating reserve is equal to two months of operating expenses, while the capital reserve when combined with borrowings, if any, is at least the amount of the next year’s budgeted capital spending. The sewer fund rate stabilization reserve is equal to one year’s property tax receipts while the water fund reserve is equal to ten percent of service charge revenues. At June 30, 2029, the end of this ten-year forecast, the District's reserves are forecast as follows:

| | <u>SEWER FUND</u> | <u>WATER FUND</u> |
|---------------------------------|-------------------|-------------------|
| Capital Outlay Reserve | \$9,841,681 | \$7,058,619 |
| Rate Stabilization/Debt Reserve | 9,953,999 | 3,405,900 |
| Operating Reserve | <u>4,441,135</u> | <u>2,853,173</u> |
| Total | \$24,236,815 | \$13,317,692 |

RATE CHANGES

The adopted budget for 2019/20 (year one of the ten-year forecast) includes a 4% increase to water rates and 5% increase to sewer rates. Following issuance of a multi-year Proposition 218 notice in 2019, the Board adopted a five-year rate schedule. Fiscal year 2019/20 represents year one of the rate schedule. Rate changes for years two-through-ten are forecasted at 6% per year for the water fund and 5% for the sewer fund to complete the capital improvement plans discussed above. The continued need for infrastructure maintenance and replacement, along with the day-to-day operating expenditures of the District, necessitates consistent marginal rate adjustments. The District Board of Directors and a majority of the ratepayers have historically preferred this methodology over occasional large rate adjustments.

SEWER FUND

TEN-YEAR FINANCIAL PLAN

SOUTH TAHOE PUBLIC UTILITY DISTRICT

| SEWER TEN-YEAR FINANCIAL PLAN | | | | | | | | | | |
|---|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|
| | 2019/20 | | 2020/21 | | 2021/22 | | 2022/23 | | 2023/24 | |
| | BUDGET | BUDGET | FORECAST | FORECAST | FORECAST | FORECAST | FORECAST | FORECAST | FORECAST | FORECAST |
| | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE |
| BEGINNING CASH BALANCES | 3,369,408 | 23,533,748 | 3,593,398 | 20,111,593 | 3,667,704 | 21,205,802 | 3,815,374 | 20,042,140 | 3,898,752 | 17,952,606 |
| REVENUES (1) | 24,647,797 | 384,300 | 25,553,441 | 384,300 | 26,568,052 | 384,300 | 27,594,556 | 384,300 | 28,654,996 | 384,300 |
| BORROWINGS | | 2,461,125 | 3,000,000 | 2,960,000 | | 5,255,000 | 0 | 3,838,000 | 0 | 2,364,000 |
| AVAILABLE FUNDS | 28,017,205 | 26,379,173 | 32,146,839 | 23,455,893 | 30,235,756 | 26,845,102 | 31,409,930 | 24,264,440 | 32,553,748 | 20,700,906 |
| SALARIES (2) | 6,536,509 | 857,038 | 6,732,604 | 882,749 | 6,934,582 | 909,232 | 7,142,620 | 936,509 | 7,356,898 | 964,604 |
| BENEFITS (2) | 3,573,559 | 383,881 | 3,680,766 | 395,397 | 3,791,189 | 407,259 | 3,904,925 | 419,477 | 4,022,072 | 432,061 |
| OPERATIONS & MAINTENANCE (2) | 5,990,750 | 701,650 | 6,083,025 | 715,683 | 6,219,986 | 729,997 | 6,344,385 | 744,597 | 6,471,273 | 759,489 |
| CAPITAL OUTLAY | | 9,131,000 | | 8,723,000 | | 10,331,100 | | 10,430,500 | | 7,948,900 |
| DEBT SERVICE | 836,000 | 2,681,000 | 771,000 | 2,745,000 | 930,000 | 2,970,000 | 855,000 | 3,045,000 | 958,000 | 3,377,000 |
| TOTAL CASH OUTLAYS | 16,936,818 | 13,754,569 | 17,267,395 | 13,461,830 | 17,875,757 | 15,347,588 | 18,246,929 | 15,576,083 | 18,808,244 | 13,482,054 |
| BALANCE BEFORE TRANSFERS | 11,080,387 | 12,624,603 | 14,879,444 | 9,994,063 | 12,360,000 | 11,497,514 | 13,163,001 | 8,688,357 | 13,745,504 | 7,218,852 |
| CAPITAL OUTLAY FUND TRANSFERS | -7,486,989 | 7,486,989 | -11,211,739 | 11,211,739 | -8,544,625 | 8,544,625 | -9,264,249 | 9,264,249 | -9,688,605 | 9,688,605 |
| ACCRUAL TO CASH ADJUSTMENT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RATE STABILIZATION AND DEBT RESERVES | | -8,333,000 | | -8,500,000 | | -8,669,000 | | -8,842,000 | | -9,019,000 |
| OPERATING AND CAPITAL OUTLAY RESERVES (3) | 3,593,398 | 11,778,593 | 3,667,704 | 12,705,802 | 3,815,374 | 11,373,140 | 3,898,752 | 9,110,606 | 4,056,900 | 7,888,457 |
| WATER FUND LOAN | | | | | | | | | | |
| DEBT PAYMENT RESERVE FUND | | 1,347,837 | | 1,655,342 | | 1,885,970 | | 1,885,970 | | 2,370,289 |
| RATE STABILIZATION FUND (4) | | 6,985,163 | | 6,844,658 | | 6,783,030 | | 6,956,030 | | 6,648,711 |
| TOTAL RESERVE BALANCES | 3,593,398 | 20,111,593 | 3,667,704 | 21,205,802 | 3,815,374 | 20,042,140 | 3,898,752 | 17,952,606 | 4,056,900 | 16,907,457 |
| AMORTIZATION (NON-CASH ITEM) | 25,490 | | 25,490 | | 25,490 | | 25,490 | | 25,490 | |
| DEPRECIATION (NON-CASH ITEM) | 4,995,000 | | 5,094,000 | | 5,195,000 | | 5,298,000 | | 5,403,000 | |

ASSUMPTIONS:

(1) REVENUES

Enterprise Revenue includes property taxes, service charges, interest income and other misc revenue.

Capital Fund Revenue includes capacity charges and capital grant receipts.

Service charge rates increase 5.0% each year.

Investments earn 1% to 3.0% net of management fees.

Commercial capacity fees projected assume 50 new sewer units each year.

Residential capacity fees projected are equivalent to 35 residential allocations each year.

2016/17 included a \$3.0M bridge loan to the Water Fund which will be paid back by 2020/21 year end.

(2) EXPENDITURES

Benefits include a 3.0% escalator beginning 2019/20 due to potential PERS/health insurance increases.

Salaries include a 3.0% escalator beginning 2019/20 to account for standard step increases and other potential adjustments.

O&M Expenses & Depreciation increase at 2.0% per year. Specific known changes adjusted as appropriate.

Ten Year CIP plan in the amount of \$81.6 million.

Debt Service includes principle & interest payments for current debt and additional debt of \$30.0 million over the ten year forecast.

\$150,000 contingency reserve for all years.

SOUTH TAHOE PUBLIC UTILITY DISTRICT

SEWER TEN-YEAR FINANCIAL PLAN (CONTINUED)

| | 2024/25 FORECAST | 2024/25 FORECAST | 2025/26 FORECAST | 2025/26 FORECAST | 2026/27 FORECAST | 2026/27 FORECAST | 2027/28 FORECAST | 2027/28 FORECAST | 2028/29 FORECAST | 2028/29 FORECAST |
|---|---------------------|---------------------------|---------------------|---------------------------|---------------------|---------------------------|---------------------|---------------------------|---------------------|---------------------------|
| | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE |
| BEGINNING CASH BALANCES | 4,056,900 | 16,907,457 | 4,132,714 | 17,561,976 | 4,164,093 | 19,191,397 | 4,311,104 | 21,106,340 | 4,374,650 | 21,060,631 |
| REVENUES (1) | 29,781,415 | 384,300 | 30,983,857 | 384,300 | 32,255,378 | 384,300 | 33,590,038 | 384,300 | 34,953,892 | 384,300 |
| BORROWINGS | 0 | 3,719,000 | 0 | 4,251,000 | 0 | 3,127,000 | 0 | 2,000,000 | 0 | |
| AVAILABLE FUNDS | 33,838,315 | 21,010,757 | 35,116,570 | 22,197,276 | 36,419,471 | 22,702,697 | 37,901,142 | 23,490,640 | 39,328,542 | 21,444,931 |
| SALARIES (2) | 7,577,605 | 993,542 | 7,804,933 | 1,023,349 | 8,039,081 | 1,054,049 | 8,280,254 | 1,085,670 | 8,528,661 | 1,118,241 |
| BENEFITS (2) | 4,142,735 | 445,023 | 4,267,017 | 458,374 | 4,395,027 | 472,125 | 4,526,878 | 486,289 | 4,662,684 | 500,878 |
| OPERATIONS & MAINTENANCE (2) | 6,600,698 | 774,678 | 6,732,712 | 790,172 | 6,867,367 | 805,975 | 7,004,714 | 822,095 | 7,144,808 | 838,537 |
| CAPITAL OUTLAY | | 8,358,100 | | 8,973,800 | | 7,838,100 | | 9,708,600 | | 9,889,850 |
| DEBT SERVICE | 1,126,000 | 3,136,000 | 1,138,000 | 2,770,000 | 1,250,000 | 2,983,000 | 1,253,000 | 2,789,000 | 1,264,000 | 2,589,000 |
| TOTAL CASH OUTLAYS | 19,447,038 | 13,707,344 | 19,942,662 | 14,015,694 | 20,551,475 | 13,153,249 | 21,064,846 | 14,891,654 | 21,600,154 | 14,936,505 |
| BALANCE BEFORE TRANSFERS | 14,391,277 | 7,303,413 | 15,173,908 | 8,181,581 | 15,867,996 | 9,549,447 | 16,836,296 | 8,598,985 | 17,728,388 | 6,508,427 |
| CAPITAL OUTLAY FUND TRANSFERS | -10,258,563 | 10,258,563 | -11,009,815 | 11,009,815 | -11,556,892 | 11,556,892 | -12,461,646 | 12,461,646 | -13,287,253 | 13,287,253 |
| ACCRUAL TO CASH ADJUSTMENT | | 0 | | 0 | | 0 | | 0 | | 0 |
| RATE STABILIZATION AND DEBT RESERVES | | -9,198,000 | | -9,382,000 | | -9,569,000 | | -9,759,999 | | -9,953,999 |
| OPERATING AND CAPITAL OUTLAY RESERVES (3) | 4,132,714 | 8,363,976 | 4,164,093 | 9,809,397 | 4,311,104 | 11,537,340 | 4,374,650 | 11,300,632 | 4,441,135 | 9,841,681 |
| WATER FUND LOAN | | | | | | | | | | |
| DEBT PAYMENT RESERVE FUND | | 2,370,289 | | 2,370,289 | | 2,831,546 | | 2,831,546 | | 2,831,546 |
| RATE STABILIZATION FUND (4) | | 6,827,711 | | 7,011,711 | | 6,737,454 | | 6,928,453 | | 7,122,453 |
| TOTAL RESERVE BALANCES | 4,132,714 | 17,561,976 | 4,164,093 | 19,191,397 | 4,311,104 | 21,106,340 | 4,374,650 | 21,060,631 | 4,441,135 | 19,795,680 |
| AMORTIZATION (NON-CASH ITEM) | 25,490 | | 25,490 | | 25,490 | | 25,490 | | 25,490 | |
| DEPRECIATION (NON-CASH ITEM) | 5,511,000 | | 5,621,000 | | 5,733,000 | | 5,847,000 | | 5,963,000 | |

(3) OPERATING & CAPITAL RESERVES

Operating reserve is equal to two months of operating costs. Remaining reserves are for capital projects.

(4) RATE STABILIZATION FUND

The rate stabilization fund (reserve) is equal to one years property tax receipts net of jurisdictional transfers

RESULTS:

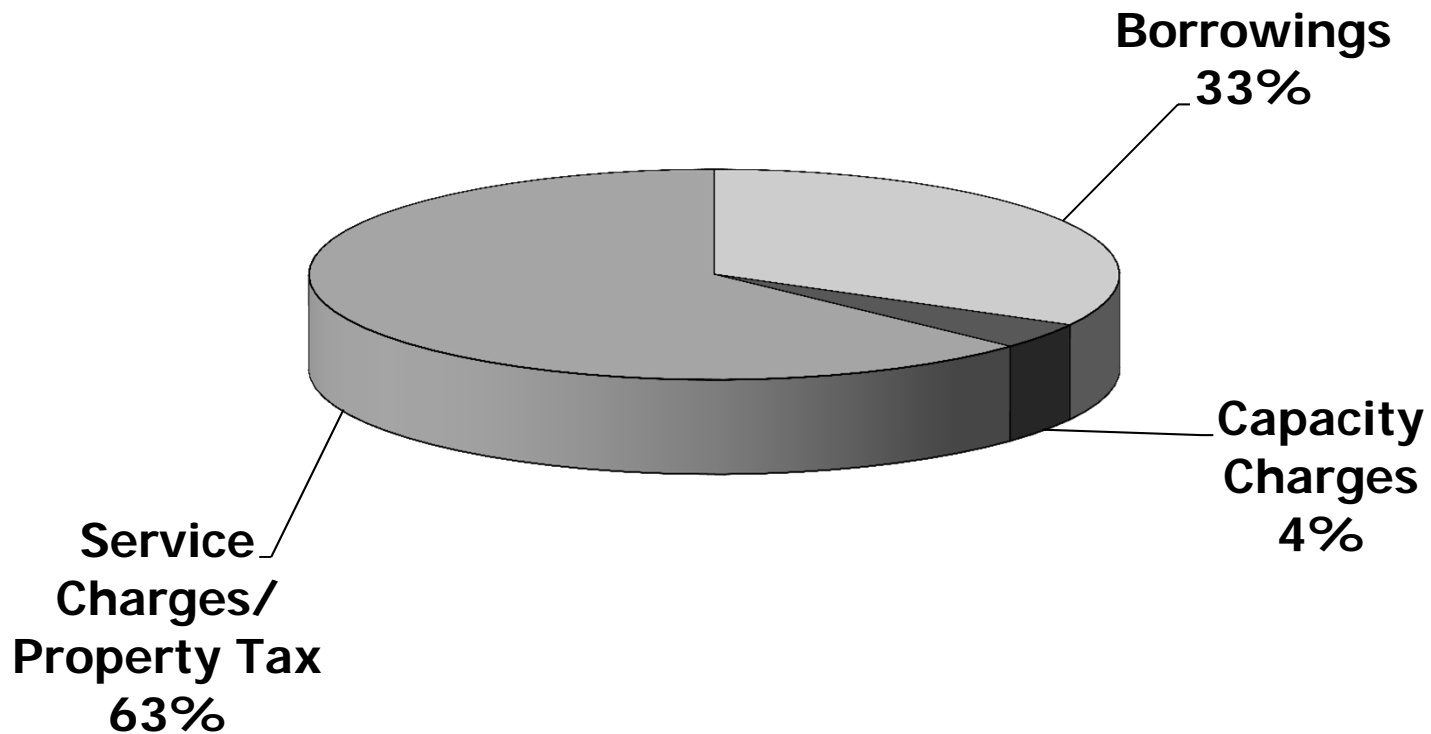
Operating revenue covers operating expenses at all times.

District is in compliance with the "net revenue" debt covenants.

Capital Improvement Program is greater than 100% of depreciation

SEWER ENTERPRISE FUND

Funding Sources for Capital Projects Fund

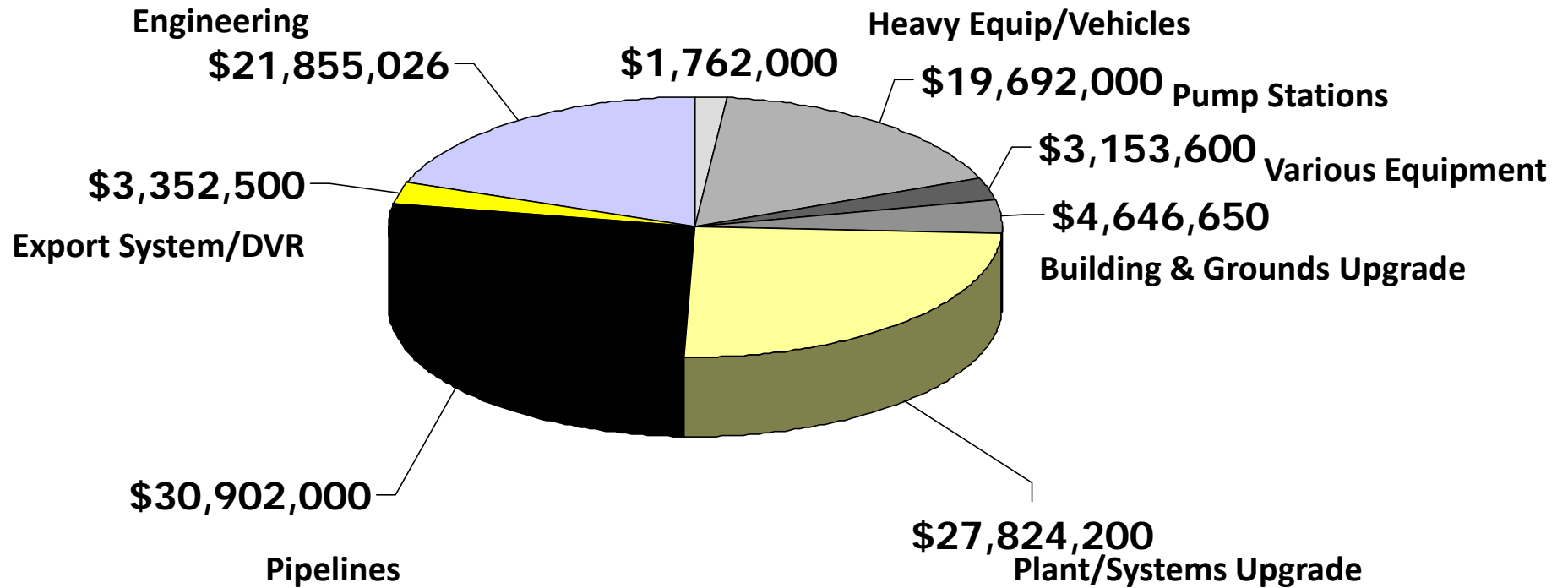


**SEWER TEN-YEAR CAPITAL OUTLAY PROJECTIONS – 2020/2029
BY FUNCTIONAL CATEGORY**

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS |
|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 1) HEAVY EQUIPMENT & VEHICLES | 716,000 | 428,000 | 342,000 | 195,000 | 25,000 | 40,000 | 0 | 0 | 0 | 16,000 | 1,762,000 |
| 2) PUMP STATIONS | 631,000 | 1,954,000 | 3,725,000 | 2,555,000 | 933,000 | 922,000 | 1,409,000 | 1,099,000 | 3,481,000 | 2,983,000 | 19,692,000 |
| 3) VARIOUS EQUIPMENT | 923,500 | 512,600 | 132,300 | 151,200 | 188,400 | 333,800 | 337,600 | 159,900 | 115,800 | 298,500 | 3,153,600 |
| 4) BUILDING & GROUNDS UPGRADE | 109,000 | 38,500 | 495,500 | 714,500 | 1,201,000 | 1,216,000 | 637,000 | 22,000 | 113,800 | 99,350 | 4,646,650 |
| 5) PLANT/SYSTEMS UPGRADE | 4,449,000 | 3,290,000 | 1,937,000 | 3,019,100 | 4,179,300 | 3,440,600 | 2,358,900 | 2,206,300 | 1,143,000 | 1,801,000 | 27,824,200 |
| 6) PIPELINES | 1,334,500 | 2,177,000 | 2,617,500 | 3,005,000 | 1,388,500 | 2,371,000 | 4,195,500 | 4,304,000 | 4,817,000 | 4,692,000 | 30,902,000 |
| 7) EXPORT SYSTEM/DIAMOND VALLEY RANCH | 968,000 | 322,900 | 1,081,800 | 790,700 | 33,700 | 34,700 | 35,800 | 46,900 | 38,000 | 0 | 3,352,500 |
| 8) ENGINEERING STAFF & EXPENSES | 1,906,425 | 1,963,618 | 2,022,526 | 2,083,202 | 2,145,698 | 2,210,069 | 2,276,371 | 2,344,662 | 2,415,002 | 2,487,452 | 21,855,026 |
| TOTAL SEWER | 11,037,425 | 10,686,618 | 12,353,626 | 12,513,702 | 10,094,598 | 10,568,169 | 11,250,171 | 10,182,762 | 12,123,602 | 12,377,302 | 113,187,976 |

SEWER ENTERPRISE FUND CAPITAL PROJECTS

Ten Years Ending June 30, 2028



SEWER

TEN-YEAR CAPITAL PLAN

BY DEPARTMENT

and

BY PROJECT

SEWER TOTALS

| DEPARTMENT | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|
| UNDERGROUND REPAIR | 151,500 | 40,000 | 16,500 | 43,500 | 16,500 | 102,000 | 16,500 | 44,500 | 0 | 120,000 | 551,000 |
| PUMPS | 667,000 | 106,500 | 76,500 | 76,500 | 60,000 | 77,000 | 60,000 | 60,000 | 96,000 | 50,000 | 1,329,500 |
| ELECTRICAL | 75,000 | 120,000 | 105,000 | 105,000 | 85,000 | 80,000 | 80,000 | 81,500 | 82,000 | 70,000 | 883,500 |
| HEAVY MAINTENANCE | 183,000 | 115,000 | 175,000 | 105,000 | 58,000 | 58,000 | 55,000 | 35,000 | 55,000 | 94,000 | 933,000 |
| EQUIPMENT REPAIR | 969,000 | 358,000 | 424,300 | 195,000 | 32,400 | 100,000 | 7,600 | 0 | 7,800 | 0 | 2,094,100 |
| OPERATIONS | 262,000 | 487,100 | 71,000 | 76,300 | 75,300 | 80,900 | 79,900 | 114,700 | 84,800 | 90,850 | 1,422,850 |
| LABORATORY | 75,000 | 15,000 | 25,000 | 10,000 | 20,000 | 10,000 | 25,000 | 11,000 | 85,000 | 20,000 | 296,000 |
| BOARD OF DIRECTORS | 0 | 0 | 0 | 0 | 5,000 | 0 | 75,000 | 0 | 0 | 0 | 80,000 |
| ADMINISTRATION | 0 | 18,000 | 0 | 0 | 19,000 | 0 | 0 | 0 | 19,000 | 0 | 56,000 |
| HUMAN RESOURCES | 25,000 | 0 | 0 | 0 | 0 | 0 | 30,000 | 0 | 0 | 0 | 55,000 |
| PUBLIC AFFAIRS/WATER CONSERVATION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WATER REUSE | 50,000 | 30,900 | 81,800 | 42,700 | 33,700 | 34,700 | 35,800 | 46,900 | 38,000 | 0 | 394,500 |
| ENGINEERING | 6,227,000 | 7,066,000 | 9,346,000 | 9,707,000 | 7,440,000 | 7,675,000 | 8,399,000 | 7,375,000 | 9,237,000 | 9,293,000 | 81,765,000 |
| INFORMATION SYSTEMS | 110,000 | 97,500 | 10,000 | 69,500 | 104,000 | 102,500 | 110,000 | 69,500 | 4,000 | 144,500 | 821,500 |
| CUSTOMER SERVICE | 18,000 | 0 | 0 | 0 | 0 | 18,000 | 0 | 0 | 0 | 0 | 36,000 |
| INSPECTIONS | 7,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,500 | 15,000 |
| FINANCE | 306,000 | 269,000 | 0 | 0 | 0 | 20,000 | 0 | 0 | 0 | 0 | 595,000 |
| PURCHASING | 5,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 |
| ENGINEERING STAFF & EXPENSES | 1,906,425 | 1,963,618 | 2,022,526 | 2,083,202 | 2,145,698 | 2,210,069 | 2,276,371 | 2,344,662 | 2,415,002 | 2,487,452 | 21,855,026 |
| | 11,037,425 | 10,686,618 | 12,353,626 | 12,513,702 | 10,094,598 | 10,568,169 | 11,250,171 | 10,182,762 | 12,123,602 | 12,377,302 | 113,187,976 |

SEWER ELECTRICAL

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------|---|
| 1 SEWER PUMP STATION MOTOR REBUILDS | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 650,000 | 1 |
| 2 PUMP STATION CONTROLS | | 10,000 | | | | | | | | | 10,000 | 2 |
| 3 CATHODIC PROTECTION EQUIPMENT | 0 | 5,000 | | | | | | | | | 5,000 | 3 |
| 4 REPLACE SCADA RTU'S | 0 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 16,500 | 17,000 | | 123,500 | 4 |
| 5 REPLACE SEWER PUMP STATION VFD | 0 | 15,000 | 15,000 | 15,000 | | | | | | | 45,000 | 5 |
| 6 PLANT SECONDARY/FINAL EFFLUENT PS MOTOR REBUILDS | 10,000 | 10,000 | 10,000 | 10,000 | | | | | | | 40,000 | 6 |
| 7 PUMP STATION PLC'S | | | | | 5,000 | | | | | 5,000 | 10,000 | 7 |
| | 75,000 | 120,000 | 105,000 | 105,000 | 85,000 | 80,000 | 80,000 | 81,500 | 82,000 | 70,000 | 883,500 | |

SEWER HEAVY MAINTENANCE

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------|----|
| 1 REBUILD SECONDARY CLARIFIER DRIVE | | 60,000 | 60,000 | | | | | | | | 120,000 | 1 |
| 2 REPLACE LINERS FOR SLUDGE AUGERS | 20,000 | 20,000 | | | | | | | | 20,000 | 60,000 | 2 |
| 3 REBUILD CENTRIFUGES | | | 35,000 | 35,000 | | 35,000 | 35,000 | | 35,000 | 35,000 | 210,000 | 3 |
| 4 NEW SOUTH GATE | 40,000 | | | | | | | | | | 40,000 | 4 |
| 5 REBUILD SLUDGE PUMPS (BIOSOLIDS BLDG.) | | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 72,000 | 5 |
| 6 REPLACE ROLL-UP DOOR | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 120,000 | 6 |
| 7 REPLACE TOOLS: PORTABLE WELDER | | | | 10,000 | | | | | | | 10,000 | 7 |
| 8 REPLACE PLANT AIR COMPRESSOR | | | | | 3,000 | 3,000 | | | | 3,000 | 9,000 | 8 |
| 9 REPLACE A- LINE SURGE AIR COMPRESSOR | | 15,000 | | | 15,000 | | | 15,000 | | | 45,000 | 9 |
| 10 UTILITY VEHICLE (3) | 14,000 | | | | | | | | | 16,000 | 30,000 | 10 |
| 11 BIO SCRUBBER MEDIA REPLACEMENT | | | | | 20,000 | | | | | | 20,000 | 11 |
| 12 HVAC SERVER ROOM | 30,000 | | | | | | | | | | 30,000 | 12 |
| 13 FINAL/SECONDARY PUMP REBUILD (4) | | | 40,000 | 40,000 | | | | | | | 80,000 | 13 |
| 14 8" #3 WATER PRV | 7,000 | | | | | | | | | | 7,000 | 14 |
| 15 #3 WATER PUMPS | 20,000 | | 20,000 | | | | | | | | 40,000 | 15 |
| 16 BLOWER #2 REHAB/MODIFICATION | 40,000 | | | | | | | | | | 40,000 | 16 |
| | 183,000 | 115,000 | 175,000 | 105,000 | 58,000 | 58,000 | 55,000 | 35,000 | 55,000 | 94,000 | 933,000 | |

SEWER UNDERGROUND REPAIR

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------|----|
| 1 SMART COVERS | 16,500 | | 16,500 | | 16,500 | | 16,500 | | | | 66,000 | 1 |
| 2 REPLACE HYDRAULIC JACKHAMMER | | | | 4,000 | | | | 4,500 | | | 8,500 | 2 |
| 3 REPLACE MAIN/PORTABLE CAMERA | | 30,000 | | | | 90,000 | | 40,000 | | 120,000 | 280,000 | 3 |
| 4 CONFINED SPACE EQUIPMENT | | | | 7,500 | | | | | | | 7,500 | 4 |
| 5 REPLACE STAND ALONE LATERAL CAMERA | | | | 20,000 | | | | | | | 20,000 | 5 |
| 6 HYDRO NOZZLES | | 10,000 | | | | 12,000 | | | | | 22,000 | 6 |
| 7 UNIT ROLLER FOR LAY FLAT HOSE | 35,000 | | | | | | | | | | 35,000 | 7 |
| 8 ATTACHMENT(S) FOR TOOL KAT | 10,000 | | | | | | | | | | 10,000 | 8 |
| 9 40' CONTAINER FOR MISCELLANEOUS SUPPLIES | 10,000 | | | | | | | | | | 10,000 | 9 |
| 10 SEWERLINE RAPID ASSESSMENT TOOL | 25,000 | | | | | | | | | | 25,000 | 10 |
| 11 FOUR RACKS, 8 REELS OF 8" LAY FLAT HOSE (660' PER REEL) | 55,000 | | | | | | | | | | 55,000 | 11 |
| 12 REPLACE TV CABLE | | | | 12,000 | | | | | | | 12,000 | 12 |
| | | | | | | | | | | | | |
| | 151,500 | 40,000 | 16,500 | 43,500 | 16,500 | 102,000 | 16,500 | 44,500 | 0 | 120,000 | 551,000 | |

SEWER PUMPS

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------|----|
| 1 SECURITY MEASURES | | 26,500 | 26,500 | 26,500 | 10,000 | 10,000 | 10,000 | 10,000 | | | 119,500 | 1 |
| 2 BALDWIN WET WELL REPAIR | 5,000 | | | | | | | | | | 5,000 | 2 |
| 3 PUMP REBUILDING | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 500,000 | 3 |
| 4 REPLACE BIJOU PUMP #2 | 15,000 | | | | | 17,000 | | | | | 32,000 | 4 |
| 5 REPLACE PUMP #2 TAYLOR CREEK SPS | | 15,000 | | | | | | | | | 15,000 | 5 |
| 6 REPLACE PUMP #1 TROUT CREEK SPS | | | | | | | | | 23,000 | | 23,000 | 6 |
| 7 REPLACE PUMP #2 TROUT CREEK SPS | 16,000 | | | | | | | | 23,000 | | 39,000 | 7 |
| 8 REPLACE BELLEVUE PUMP #1 | 11,000 | | | | | | | | | | 11,000 | 8 |
| 9 REPLACE BELLEVUE PUMP #2 | 11,000 | | | | | | | | | | 11,000 | 9 |
| 10 WELDER FOR SHOP | 10,000 | | | | | | | | | | 10,000 | 10 |
| 11 LPPS SECOND 700HP PUMP | 549,000 | | | | | | | | | | 549,000 | 11 |
| 12 SAFETY EQUIPMENT | | 15,000 | | | | | | | | | 15,000 | 12 |
| | 667,000 | 106,500 | 76,500 | 76,500 | 60,000 | 77,000 | 60,000 | 60,000 | 96,000 | 50,000 | 1,329,500 | |

SEWER EQUIPMENT REPAIR - PAGE 1

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|-------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------|---|
| 1 REPLACE ENGINE/TRANSMISSION (TBD) | 7,000 | | 7,300 | | 7,400 | | 7,600 | | 7,800 | | 37,100 | 1 |
| 2 REPLACE GENERATORS | 60,000 | 75,000 | 75,000 | | | 60,000 | | | | | 270,000 | 2 |
| 3 CARBON MONOXIDE REMOVAL SYSTEM | 10,000 | | | | | | | | | | 10,000 | 3 |
| 4 6" GODWIN PUMP (OPERATIONS) | 40,000 | | | | | | | | | | 40,000 | 4 |
| 5 TRUCK LIFT | 120,000 | | | | | | | | | | 120,000 | 5 |
| | 237,000 | 75,000 | 82,300 | 0 | 7,400 | 60,000 | 7,600 | 0 | 7,800 | 0 | 477,100 | |

SEWER ENGINEERING - PAGE 1

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------|----|
| 1 WATER REUSE INVERTED SIPHON REPAIR | 180,000 | | | | | | | | | | 180,000 | 1 |
| 2 WATER REUSE DIAMOND DITCH REHABILITATION | | 265,000 | 273,000 | | | | | | | | 538,000 | 2 |
| 3 WATER REUSE ROADS (PHASES 1 AND 2) | | | 727,000 | 748,000 | | | | | | | 1,475,000 | 3 |
| 4 WATER REUSE VAULT IMPROVEMENTS | 26,000 | 27,000 | | | | | | | | | 53,000 | 4 |
| 5 WATER REUSE IRRIGATION IMPROVEMENT | 60,000 | | | | | | | | | | 60,000 | 5 |
| 6 SEWER REPAIR UNPLANNED REPAIRS | 500,000 | | | | | | | | | | 500,000 | 6 |
| 7 SEWER FORCE MAIN ASSET MANAGEMENT | | | | 439,000 | 104,000 | 107,000 | 111,000 | 114,000 | 117,000 | 121,000 | 1,113,000 | 7 |
| 8 SEWER SPOT REPAIRS (SUPPLEMENT TO URS) | | 141,000 | 145,000 | 150,000 | 154,000 | 159,000 | 164,000 | 168,000 | 174,000 | 179,000 | 1,434,000 | 8 |
| 9 SEWER ROOT ERADICATION (SUPPLEMENT TO URS) | | 42,000 | 44,000 | 45,000 | 46,000 | 48,000 | 49,000 | 51,000 | 52,000 | 54,000 | 431,000 | 9 |
| 10 SEWER FLOW MONITORING PROGRAM | | 86,000 | 89,000 | 91,000 | 94,000 | 97,000 | 100,000 | 103,000 | 106,000 | 109,000 | 875,000 | 10 |
| 11 UPPER TRUCKEE MARSH ADAPTIVE MANAGEMENT | 103,000 | | | | | | | | | | 103,000 | 11 |
| 12 AIRPORT GRAVITY MAIN REPAIR | 309,000 | | | | | | | | | | 309,000 | 12 |
| 13 SEWER CROSSING CONDITION ASSESSMENT/IMPROVEMENTS | | 318,000 | 328,000 | 338,000 | 348,000 | 358,000 | 369,000 | 380,000 | 391,000 | 403,000 | 3,233,000 | 13 |
| 14 TALLAC CREEK SEWER CROSSING | | | 164,000 | 169,000 | | | | | | | 333,000 | 14 |
| 15 FM BYPASS - UPPER TRUCKEE | 129,000 | 133,000 | | | | | | | | | 262,000 | 15 |
| 16 APACHE AVENUE SEWER | 648,000 | 668,000 | | | | | | | | | 1,316,000 | 16 |
| 17 FM INSPECTION PORTS - BIJOU/JOHNSON | | | 546,000 | 1,126,000 | 580,000 | | | | | | 2,252,000 | 17 |
| 18 GRAVITY SEWER CCTV - EQUIPMENT AND SPECIAL INSPECTIONS | | 297,000 | 11,000 | 11,000 | 12,000 | 12,000 | 12,000 | 13,000 | 13,000 | 13,000 | 394,000 | 18 |
| 19 SEWER REPLACEMENT - MASTER PLAN PRIORITY 1 | | 637,000 | 656,000 | | | | | | | | 1,293,000 | 19 |
| 20 FM BYPASS - TAHOE KEYS | 129,000 | 133,000 | | | | | | | | | 262,000 | 20 |
| 21 PROJECT 1A: 1.1 MILE CIPP GRAVITY MAIN | | | 661,000 | 681,000 | | | | | | | 1,342,000 | 21 |
| 22 SEWER REPLACEMENT 89 AND 5TH | | | 146,000 | 150,000 | | | | | | | 296,000 | 22 |
| 23 SEWER REPLACEMENT - MASTER PLAN PRIORITY 1 | | | | 816,000 | 1,681,000 | 866,000 | | | | | 3,363,000 | 23 |
| 24 PROJECT 1B: 1.1 MILE CIPP GRAVITY MAIN | | | | | | 722,000 | 744,000 | | | | 1,466,000 | 24 |
| 25 PROJECT 1C: 3,500 LF GRAVITY MAIN REPLACEMENT | | | | | 234,000 | 1,075,000 | 1,107,000 | | | | 2,416,000 | 25 |
| 26 PROJECT 2A: 1.1 MILE CIPP GRAVITY MAIN | | | | | | | 744,000 | 766,000 | | | 1,510,000 | 26 |
| 27 PROJECT 2B: 1.1 MILE CIPP GRAVITY MAIN | | | | | | | 744,000 | 766,000 | | | 1,510,000 | 27 |
| 28 PROJECT 2C: 3,500 LF GRAVITY MAIN REPLACEMENT | | | | | | | 248,000 | 1,140,000 | 1,174,000 | | 2,562,000 | 28 |
| 29 PROJECT 3A: 1.1 MILE CIPP GRAVITY MAIN | | | | | | | | 766,000 | 789,000 | | 1,555,000 | 29 |
| 30 PROJECT 3B: 1.1 MILE CIPP GRAVITY MAIN | | | | | | | | | 789,000 | 813,000 | 1,602,000 | 30 |
| 31 PROJECT 3C: 3,500 LF GRAVITY MAIN REPLACEMENT | | | | | | | | 256,000 | 1,174,000 | 1,210,000 | 2,640,000 | 31 |
| 32 PROJECT 4A: 1.1 MILE CIPP GRAVITY MAIN | | | | | | | | | | 813,000 | 813,000 | 32 |
| 33 PROJECT 4C: 3,500 LF GRAVITY MAIN REPLACEMENT | | | | | | | | | 264,000 | 1,210,000 | 1,474,000 | 33 |
| 34 FIELD COMMUNICATION UPGRADES PHASE 1 | 95,000 | 98,000 | | | | | | | | | 193,000 | 34 |
| 35 FIELD COMMUNICATION UPGRADES PHASE 2 | | 178,000 | 184,000 | | | | | | | | 362,000 | 35 |
| 36 FIELD COMMUNICATION UPGRADES PHASE 3 | | | 300,000 | 310,000 | | | | | | | 610,000 | 36 |
| 37 LPPS PUMP EFFICIENCY MONITORING | 103,000 | | | | | | | | | | 103,000 | 37 |
| 38 SEWER PUMP STATION MONITORING PROGRAM | 167,000 | 172,000 | 177,000 | 182,000 | 188,000 | 193,000 | 199,000 | 205,000 | 211,000 | 218,000 | 1,912,000 | 38 |
| 39 FLL SEWER UPGRADE PROJECTS | 620,000 | | | | | | | | | | 620,000 | 39 |
| 40 TAHOE KEYS PUMP STATION REHABILITATION | 50,000 | 1,617,000 | 1,665,000 | | | | | | | | 3,332,000 | 40 |
| | 3,119,000 | 4,812,000 | 6,116,000 | 5,256,000 | 3,441,000 | 3,637,000 | 4,591,000 | 4,728,000 | 5,254,000 | 5,143,000 | 46,097,000 | |

SEWER LABORATORY

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------|----|
| 1 REPLACE FINAL SAMPLER | | | | | | | | | | 10,000 | 10,000 | 1 |
| 2 REPLACE DISCREET ANALYZER | 75,000 | | | | | | | | | | 75,000 | 2 |
| 3 REPLACE SECONDARY SAMPLER | | | | | | | | | 10,000 | | 10,000 | 3 |
| 4 ICR SAMPLE BOAT | | 5,000 | | | | | | | | | 5,000 | 4 |
| 5 REPLACE PRIMARY SAMPLER | | | | | | | | | 10,000 | | 10,000 | 5 |
| 6 REPLACE HYDROLAB DATA SONDE | | | | 10,000 | | | 20,000 | | | | 30,000 | 6 |
| 7 REPLACE RAW SAMPLER | | | | | 10,000 | | | | | | 10,000 | 7 |
| 8 REPLACE AMPEROMETRIC C12 TITRATOR | | | | | | | | 6,000 | | | 6,000 | 8 |
| 9 REPLACE LAB FIELD METERS (3) | | 5,000 | | | | 10,000 | | | | 10,000 | 25,000 | 9 |
| 10 REPLACE ALPINE MONITORING WELLS | | | 20,000 | | | | | | | | 20,000 | 10 |
| 11 REPLACE SAMPLE THREE-DOOR REFRIGERATOR | | | | | 10,000 | | | | | | 10,000 | 11 |
| 12 REPLACE ION CHROMATOGRAPH | | | | | | | | | 60,000 | | 60,000 | 12 |
| 13 QUANTI-TRAY SEALER | | | | | | | 5,000 | | | | 5,000 | 13 |
| 14 REPLACE GEOTECH PUMP CONTROLLER | | | | | | | | 5,000 | | | 5,000 | 14 |
| 15 REPLACE FULTZ PUMP CONTROLLER | | 5,000 | | | | | | | 5,000 | | 10,000 | 15 |
| 16 REPLACE 104 DEGREE OVEN | | | 5,000 | | | | | | | | 5,000 | |
| | 75,000 | 15,000 | 25,000 | 10,000 | 20,000 | 10,000 | 25,000 | 11,000 | 85,000 | 20,000 | 296,000 | |

SEWER ADMINISTRATION

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|---|
| 1 REPLACE COPIER | | 18,000 | | | 19,000 | | | | 19,000 | | 56,000 | 1 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 0 | 18,000 | 0 | 0 | 19,000 | 0 | 0 | 0 | 19,000 | 0 | 56,000 | |

SEWER BOARD OF DIRECTORS

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|--------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|---|
| 1 REPLACE BOARDROOM COMPONENTS | | | | | 5,000 | | 75,000 | | | | 80,000 | 1 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 5,000 | 0 | 75,000 | 0 | 0 | 0 | 80,000 | |

SEWER HUMAN RESOURCES

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|---|
| 1 REPLACE COPIER | 25,000 | | | | | | 30,000 | | | | 55,000 | 1 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 25,000 | 0 | 0 | 0 | 0 | 0 | 30,000 | 0 | 0 | 0 | 55,000 | |

SEWER FINANCE

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|--------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------|---|
| 1 REPLACE PRINTER/COPIER/FAX MACHINE | | 19,000 | | | | 20,000 | | | | | 39,000 | 1 |
| 2 ERP REPLACEMENT | 306,000 | 250,000 | | | | | | | | | 556,000 | 2 |
| | | | | | | | | | | | | |
| | 306,000 | 269,000 | 0 | 0 | 0 | 20,000 | 0 | 0 | 0 | 0 | 595,000 | |

SEWER ACCOUNTING

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|---|
| 1 REPLACE MICROFICHE READER | | 5,000 | | | | | | | | | 5,000 | 1 |
| | | | | | | | | | | | | |
| | 0 | 5,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | |

SEWER PURCHASING

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|---|
| 1 CARPET REPAIR & REPLACEMENT (OPS/LAB) | 5,000 | | | | | | | | | | 5,000 | 1 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 5,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | |

SEWER INFORMATION TECHNOLOGY

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------|----|
| 1 VIRTUAL SERVER/HOST | | 20,000 | | 20,000 | | 20,000 | | 20,000 | | 20,000 | 100,000 | 1 |
| 2 BACKUP POWER - SERVER ROOM | | 6,000 | | 6,000 | | 6,000 | | 6,000 | | 6,000 | 30,000 | 2 |
| 3 NETWORKING EQUIP./IMPROVEMENTS | | 11,000 | | 11,000 | | 11,000 | | 11,000 | | | 44,000 | 3 |
| 4 NETWORKING EQUIP./IMPROVEMENTS - SCADA | | 15,000 | | | | | | | | 11,000 | 26,000 | 4 |
| 5 TELEPHONE SYSTEM UPGRADES | | 5,000 | | | 5,000 | | 80,000 | | | | 90,000 | 5 |
| 6 NEW FINANCE SYSTEM/MIGRATION/ENHANCEMENTS | | | | 10,000 | | | 10,000 | | | 10,000 | 30,000 | 6 |
| 7 SQL ADDITIONAL LICENSES | 10,000 | | | 10,000 | | | 10,000 | | | 10,000 | 40,000 | 7 |
| 8 REPLACE DOMAIN CONTROLLER | | | | 10,000 | | | | 10,000 | | | 20,000 | 8 |
| 9 REPLACE PRESENTATION EQUIPMENT | | | | | 5,000 | | | | | 5,000 | 10,000 | 9 |
| 10 MICROSOFT OFFICE UPGRADES | 50,000 | | | | | 50,000 | | | | | 100,000 | 10 |
| 11 VIRTUALIZATION SOFTWARE | | 8,000 | | | | | | | | | 8,000 | 11 |
| 12 STRATEGIC PLAN IMPLEMENTATION | | 20,000 | | | 20,000 | | | 20,000 | | | 60,000 | 12 |
| 13 REPLACE SCADA APP SERVER 1 | | 10,000 | | | | 10,000 | | | | 10,000 | 30,000 | 13 |
| 14 WWTP GATE ACCESS CONTROLS UPGRADE | | | | | 30,000 | | | | | 30,000 | 60,000 | 14 |
| 15 STRATEGIC PLAN UPDATE | 20,000 | | | | 40,000 | | | | | 40,000 | 100,000 | 15 |
| 16 DVR - INFRASTRUCTURE UPDATES | 30,000 | | | | | | | | | | 30,000 | 16 |
| 17 BACKUP POWER - DVR SERVER ROOM | | | 6,000 | | | | 6,000 | | | | 12,000 | 17 |
| 18 TABLETS | | 2,500 | 4,000 | 2,500 | 4,000 | 2,500 | 4,000 | 2,500 | 4,000 | 2,500 | 28,500 | 18 |
| 19 SERVER ROOM ENVIRONMENTAL CONTROL | | | | | | 3,000 | | | | | 3,000 | 19 |
| | 110,000 | 97,500 | 10,000 | 69,500 | 104,000 | 102,500 | 110,000 | 69,500 | 4,000 | 144,500 | 821,500 | |

SEWER CUSTOMER SERVICE

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|---|
| 1 REPLACE COPIER/PRINTER/FAX | 18,000 | | | | | 18,000 | | | | | 36,000 | 1 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 18,000 | 0 | 0 | 0 | 0 | 18,000 | 0 | 0 | 0 | 0 | 36,000 | |

SEWER INSPECTIONS

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|---------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|---|
| 1 REPLACE DIGITAL LOCATING EQUIP. (2) | 7,500 | | | | | | | | | 7,500 | 15,000 | 1 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 7,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,500 | 15,000 | |

SEWER PUBLIC AFFAIRS/WATER CONSERVATION

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

WATER FUND

TEN-YEAR FINANCIAL PLAN

SOUTH TAHOE PUBLIC UTILITY DISTRICT

WATER TEN-YEAR FINANCIAL PLAN

| | 2019/20 FORECAST | 2019/20 FORECAST | 2020/21 FORECAST | 2020/21 FORECAST | 2021/22 FORECAST | 2021/22 FORECAST | 2022/23 FORECAST | 2022/23 FORECAST | 2023/24 FORECAST | 2023/24 FORECAST | 2024/25 FORECAST |
|---|---------------------|---------------------------|---------------------|---------------------------|---------------------|---------------------------|---------------------|---------------------------|---------------------|---------------------------|---------------------|
| | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE | ENTERPRISE FUND |
| BEGINNING CASH BALANCES | 1,994,915 | 8,645,183 | 1,972,296 | 3,771,032 | 1,999,897 | 6,625,403 | 2,644,386 | 3,352,649 | 2,262,173 | 5,224,972 | 2,408,592 |
| REVENUES (1) | 13,384,653 | 1,766,000 | 13,443,000 | 1,766,000 | 14,355,000 | 1,766,000 | 15,265,000 | 1,766,000 | 16,275,000 | 1,766,000 | 17,354,000 |
| BORROWINGS | | 1,500,000 | | 7,322,000 | | 4,594,000 | | 5,361,000 | | 4,944,000 | |
| AVAILABLE FUNDS | 15,379,569 | 11,911,183 | 15,415,296 | 12,859,032 | 16,354,897 | 12,985,403 | 17,909,386 | 10,479,649 | 18,537,173 | 11,934,972 | 19,762,592 |
| SALARIES (2) | 3,763,800 | 857,038 | 3,876,714 | 882,749 | 3,993,016 | 909,232 | 4,112,806 | 936,509 | 4,236,190 | 964,604 | 4,363,276 |
| BENEFITS (2) | 2,073,931 | 383,881 | 2,136,149 | 395,397 | 2,200,233 | 407,259 | 2,266,240 | 419,477 | 2,334,227 | 432,061 | 2,404,254 |
| OPERATIONS & MAINTENANCE (2) | 3,170,875 | 765,250 | 3,255,815 | 780,555 | 3,299,409 | 796,166 | 3,386,919 | 812,089 | 3,433,135 | 828,331 | 3,501,798 |
| CAPITAL OUTLAY | | 9,722,700 | | 7,658,700 | | 7,486,000 | | 7,337,900 | | 6,148,000 | |
| DEBT SERVICE (2) | 131,000 | 688,000 | 120,000 | 552,000 | 352,000 | 909,000 | 534,000 | 1,105,000 | 761,000 | 1,462,000 | 730,000 |
| TOTAL CASH OUTLAYS | 9,139,606 | 12,416,869 | 9,388,677 | 10,269,402 | 12,844,658 | 10,507,657 | 10,299,965 | 10,610,975 | 10,764,553 | 9,834,997 | 10,999,328 |
| BALANCE BEFORE TRANSFERS | 6,239,963 | -505,686 | 6,026,618 | 2,589,630 | 3,510,239 | 2,477,745 | 7,609,421 | -131,326 | 7,772,620 | 2,099,975 | 8,763,263 |
| CAPITAL OUTLAY FUND TRANSFERS | -4,276,718 | 4,276,718 | -4,035,773 | 4,035,773 | -874,904 | 874,904 | -5,356,298 | 5,356,298 | -5,373,080 | 5,373,080 | -6,309,849 |
| ACCRUAL TO CASH ADJUSTMENT | 9,051 | 0 | 9,051 | 0 | 9,051 | 0 | 9,051 | 0 | 9,051 | 0 | 9,051 |
| RATE STABILIZATION AND DEBT RESERVES | | -1,324,300 | | -1,406,100 | | -1,492,900 | | -1,585,100 | | -2,524,500 | |
| OPERATING AND CAPITAL OUTLAY RESERVES (3) | 1,972,296 | 2,446,732 | 1,999,897 | 5,219,303 | 2,644,386 | 1,859,749 | 2,262,173 | 3,639,872 | 2,408,592 | 4,948,555 | 2,462,465 |
| SEWER FUND LOAN REPAYMENT | | | | | | 3,000,000 | | | | | |
| DEBT PAYMENT RESERVE FUND | | 336,524 | | 336,524 | | 771,281 | | 1,353,821 | | 1,841,139 | |
| RATE STABILIZATION RESERVE (4) | | 987,776 | | 1,069,576 | | 721,619 | | 231,279 | | 683,361 | |
| TOTAL RESERVE BALANCES | 1,972,296 | 3,771,032 | 1,999,897 | 6,625,403 | 2,644,386 | 3,352,649 | 2,262,173 | 5,224,972 | 2,408,592 | 7,473,055 | 2,462,465 |
| AMORTIZATION (NON-CASH ITEM) | 12,200 | | 12,200 | | 12,200 | | 12,200 | | 12,200 | | 12,200 |
| DEPRECIATION (NON-CASH ITEM) | 3,727,000 | | 3,801,000 | | 3,877,000 | | 3,954,000 | | 4,033,000 | | 4,113,000 |

ASSUMPTIONS:

(1) REVENUES

Enterprise revenue includes service charges, interest income and other misc revenue.

Capital Fund revenue includes capacity charges, capital grants and capital improvement charges

Service charge rates increase 4.0% in 2019/20 and 6% each year after.

Investments earn 1% to 3% net of investment fees.

Commercial capacity fees projected assume collections equivalent to a 4" connection.

Residential capacity fees are based on 30 residential allocations each year.

2016/17 included a \$3.0M bridge loan from the Sewer Fund which will be paid back by 2020/21 year end.

(2) EXPENDITURES

O&M Expenses and Depreciation increase at 2.0% per year. Specific known changes adjusted as appropriate.

Benefits include a 3% escalator beginning year 2020/21 due to potential PERS/health insurance increases.

Salaries include a 3% escalator beginning 2020/21 to account for standard step increases and other potential adjustments.

Ten Year CIP plan in the amount of \$70.0 million.

Debt Service includes principle and interest payments on current debt as well as an additional \$37.3M million over the ten year forecast.

\$150,000 contingency reserve for all years.

SOUTH TAHOE PUBLIC UTILITY DISTRICT

| WATER TEN-YEAR FINANCIAL PLAN | | | | | | | | | |
|---|---------------------------|---------------------|---------------------------|---------------------|---------------------------|---------------------|---------------------------|---------------------|---------------------------|
| | 2024/25 FORECAST | 2025/26 FORECAST | 2025/26 FORECAST | 2026/27 FORECAST | 2026/27 FORECAST | 2027/28 FORECAST | 2027/28 FORECAST | 2028/29 FORECAST | 2028/29 FORECAST |
| | CAPITAL OUTLAY RESERVE | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE | ENTERPRISE FUND | CAPITAL OUTLAY RESERVE |
| BEGINNING CASH BALANCES | 7,473,055 | 2,462,465 | 7,894,341 | 2,577,818 | 7,672,131 | 2,734,525 | 9,657,974 | 2,793,128 | 12,610,600 |
| REVENUES (1) | 1,766,000 | 18,479,000 | 1,766,000 | 19,666,000 | 1,766,000 | 20,948,000 | 1,766,000 | 22,314,000 | 1,766,000 |
| BORROWINGS | 2,012,000 | | 2,385,000 | | 5,282,000 | | 3,942,000 | | |
| AVAILABLE FUNDS | 11,251,055 | 20,941,465 | 12,045,341 | 22,243,818 | 14,720,131 | 23,682,525 | 15,365,974 | 25,107,128 | 14,376,600 |
| SALARIES (2) | 993,542 | 4,494,174 | 1,023,349 | 4,629,000 | 1,054,049 | 4,767,870 | 1,085,670 | 4,910,906 | 1,118,241 |
| BENEFITS (2) | 445,023 | 2,476,382 | 458,374 | 2,550,673 | 472,125 | 2,627,193 | 486,289 | 2,706,009 | 500,878 |
| OPERATIONS & MAINTENANCE (2) | 844,898 | 3,571,834 | 861,796 | 3,643,271 | 879,032 | 3,716,136 | 896,612 | 3,790,459 | 914,545 |
| CAPITAL OUTLAY | 5,891,100 | | 7,279,000 | | 8,164,300 | | 6,886,000 | | 9,047,000 |
| DEBT SERVICE (2) | 1,492,000 | 905,000 | 1,676,000 | 1,216,000 | 1,963,000 | 1,165,000 | 2,014,000 | 1,122,000 | 2,056,000 |
| TOTAL CASH OUTLAYS | 9,666,563 | 11,447,390 | 11,298,518 | 12,038,943 | 12,532,506 | 12,276,199 | 11,368,572 | 12,529,374 | 13,636,663 |
| BALANCE BEFORE TRANSFERS | 1,584,492 | 9,494,075 | 746,823 | 10,204,875 | 2,187,625 | 11,406,326 | 3,997,403 | 12,577,755 | 739,937 |
| CAPITAL OUTLAY FUND TRANSFERS | 6,309,849 | -6,925,308 | 6,925,308 | -7,470,350 | 7,470,350 | -8,613,197 | 8,613,197 | -9,724,582 | 9,724,582 |
| ACCRUAL TO CASH ADJUSTMENT | 0 | 9,051 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RATE STABILIZATION AND DEBT RESERVES | -2,680,350 | | -2,845,950 | | -3,021,600 | | -3,208,200 | | -3,405,900 |
| OPERATING AND CAPITAL OUTLAY RESERVES (3) | 5,213,991 | 2,577,818 | 4,826,181 | 2,734,525 | 6,636,374 | 2,793,128 | 9,402,400 | 2,853,173 | 7,058,619 |
| SEWER FUND LOAN REPAYMENT | | | | | | | | | |
| DEBT PAYMENT RESERVE FUND | 2,164,557 | | 2,164,557 | | 2,628,197 | | 2,628,197 | | 2,628,197 |
| RATE STABILIZATION RESERVE (4) | 515,793 | | 681,393 | | 393,403 | | 580,003 | | 777,703 |
| TOTAL RESERVE BALANCES | 7,894,341 | 2,577,818 | 7,672,131 | 2,734,525 | 9,657,974 | 2,793,128 | 12,610,600 | 2,853,173 | 10,464,519 |
| AMORTIZATION (NON-CASH ITEM) | | 12,200 | | 12,200 | | 12,200 | | 12,200 | |
| DEPRECIATION (NON-CASH ITEM) | | 4,195,000 | | 4,278,000 | | 4,363,000 | | 4,450,000 | |

(3) OPERATING & CAPITAL RESERVES

Operating reserve is equal to two months of operating costs. Remaining reserves are available for debt service and capital projects.

(4) RATE STABILIZATION AND DEBT PAYMENT RESERVES

A reserve equal to 10% of water service charge revenue is established to provide a rate stabilization and debt reserve fund. Reserve increases to 15% of revenues in year 2023/24 to cover growing debt reserve.

RESULTS:

Funding is available for all proposed Capital Projects and reserve levels comply with the Reserve Policy.

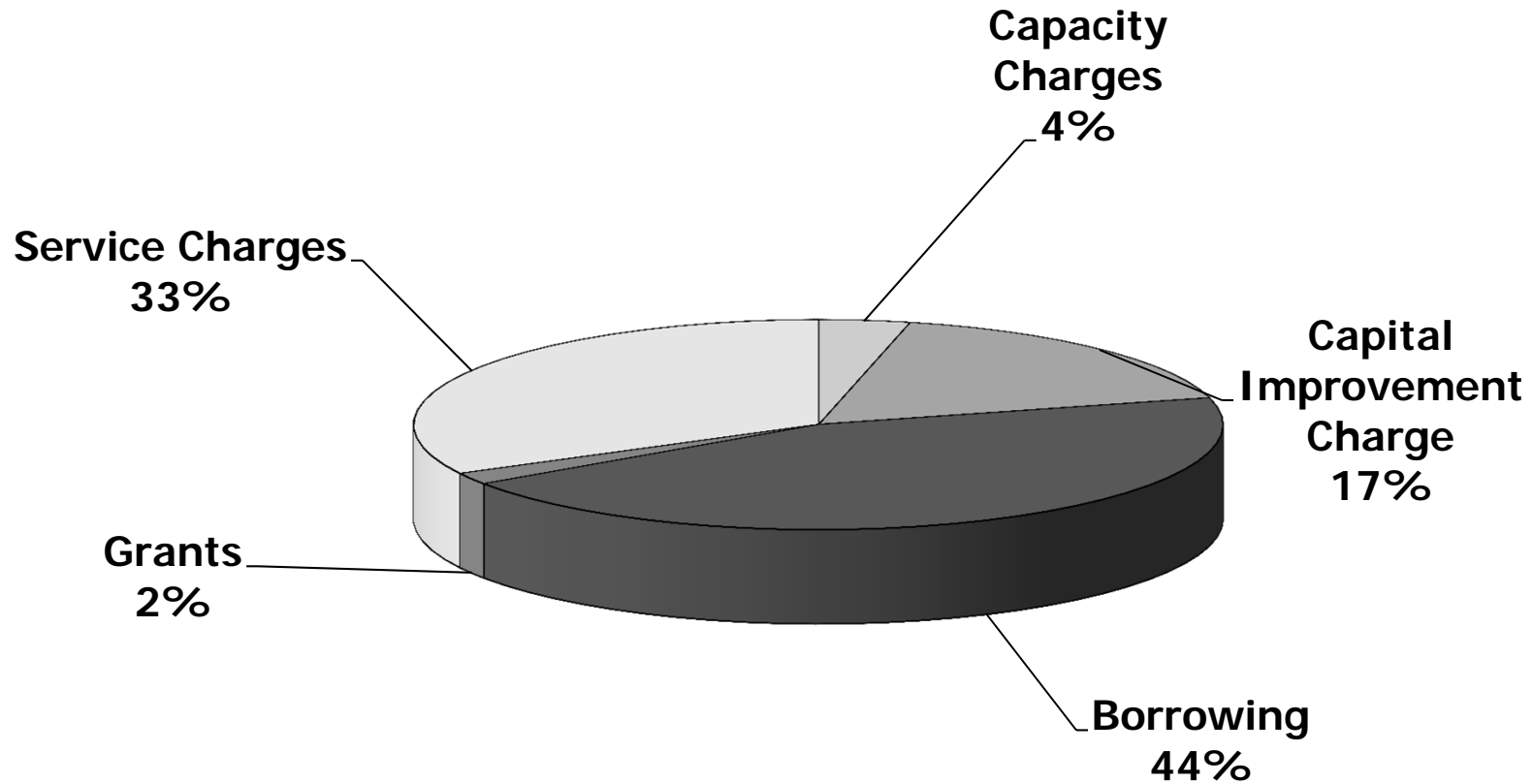
Operating revenue covers operating expenses at all times.

District is in compliance with the "net revenue" debt covenants.

Capital Improvement Program is greater than 100% of depreciation

WATER ENTERPRISE FUND

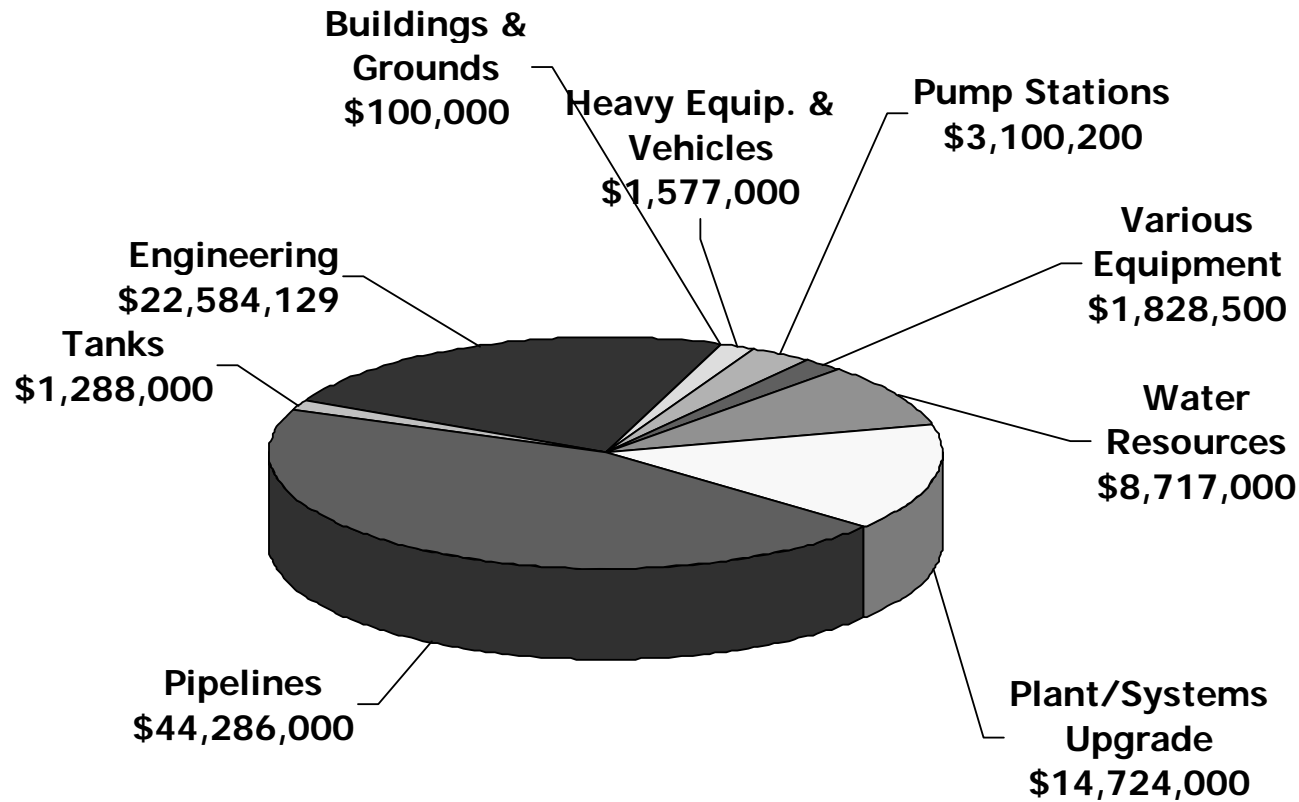
Funding Sources for Capital Projects Fund



**WATER TEN-YEAR CAPITAL OUTLAY PROJECTIONS – 2020/2029
BY FUNCTIONAL CATEGORY**

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS |
|---------------------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|-------------------|-------------------|
| 1) HEAVY EQUIPMENT & VEHICLES | 300,000 | 357,200 | 380,000 | 241,400 | 50,000 | 7,600 | 35,000 | 7,800 | 20,000 | 178,000 | 1,577,000 |
| 2) PUMP STATIONS | 123,200 | 133,000 | 133,000 | 135,000 | 140,000 | 144,000 | 289,000 | 964,000 | 984,000 | 55,000 | 3,100,200 |
| 3) VARIOUS EQUIPMENT | 245,500 | 72,500 | 176,000 | 50,500 | 375,000 | 133,500 | 214,000 | 37,500 | 145,000 | 379,000 | 1,828,500 |
| 4) BUILDING & GROUNDS UPGRADE | 35,000 | 10,000 | 5,000 | 10,000 | 5,000 | 10,000 | 5,000 | 10,000 | 0 | 10,000 | 100,000 |
| 5) WATER RESOURCES | 1,900,000 | 2,534,000 | 2,011,000 | 1,449,000 | 75,000 | 78,000 | 80,000 | 82,000 | 85,000 | 423,000 | 8,717,000 |
| 6) PLANT/SYSTEMS UPGRADE | 4,589,000 | 1,959,000 | 1,057,000 | 1,375,000 | 1,098,000 | 987,000 | 1,031,000 | 886,000 | 904,000 | 838,000 | 14,724,000 |
| 7) PIPELINES | 1,860,000 | 2,540,000 | 3,649,000 | 4,021,000 | 4,327,000 | 4,471,000 | 5,544,000 | 6,114,000 | 4,663,000 | 7,097,000 | 44,286,000 |
| 8) TANKS | 670,000 | 53,000 | 75,000 | 56,000 | 78,000 | 60,000 | 81,000 | 63,000 | 85,000 | 67,000 | 1,288,000 |
| 9) ENGINEERING STAFF & EXPENSES | 1,970,025 | 2,029,126 | 2,090,000 | 2,152,700 | 2,217,280 | 2,283,799 | 2,352,313 | 2,422,882 | 2,495,569 | 2,570,436 | 22,584,129 |
| TOTAL WATER | 11,692,725 | 9,687,826 | 9,576,000 | 9,490,600 | 8,365,280 | 8,174,899 | 9,631,313 | 10,587,182 | 9,381,569 | 11,617,436 | 98,204,829 |

WATER ENTERPRISE FUND CAPITAL PROJECTS Ten Years Ending June 30, 2028



WATER

TEN-YEAR CAPITAL PLAN

BY DEPARTMENT

and

BY PROJECT

WATER TOTALS

| DEPARTMENT | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------|
| UNDERGROUND REPAIR | 136,000 | 105,000 | 127,000 | 132,000 | 115,000 | 118,000 | 109,000 | 105,000 | 138,000 | 0 | 1,085,000 |
| PUMPS | 50,000 | 50,000 | 75,000 | 50,000 | 75,000 | 50,000 | 75,000 | 64,000 | 70,000 | 50,000 | 609,000 |
| ELECTRICAL | 73,200 | 83,000 | 83,000 | 85,000 | 90,000 | 94,000 | 85,000 | 87,000 | 65,000 | 5,000 | 750,200 |
| HEAVY MAINTENANCE | 0 | 10,000 | 0 | 10,000 | 0 | 10,000 | 0 | 10,000 | 0 | 10,000 | 50,000 |
| EQUIPMENT REPAIR | 360,000 | 357,200 | 380,000 | 222,400 | 50,000 | 7,600 | 35,000 | 7,800 | 0 | 228,000 | 1,648,000 |
| LABORATORY | 40,000 | 5,000 | 15,000 | 11,000 | 156,000 | 10,000 | 5,000 | 5,000 | 15,000 | 150,000 | 412,000 |
| BOARD OF DIRECTORS | 0 | 5,000 | 0 | 0 | 0 | 5,000 | 75,000 | 0 | 0 | 0 | 85,000 |
| ADMINISTRATION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HUMAN RESOURCES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PUBLIC AFFAIRS/WATER CONSERVATION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ENGINEERING | 8,919,000 | 7,002,000 | 6,688,000 | 6,818,000 | 5,400,000 | 5,436,000 | 6,709,000 | 7,962,000 | 6,445,000 | 8,492,000 | 69,871,000 |
| INFORMATION SYSTEMS | 102,000 | 57,500 | 134,000 | 26,500 | 204,000 | 100,500 | 125,000 | 27,500 | 112,000 | 161,500 | 1,050,500 |
| CUSTOMER SERVICE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| INSPECTIONS | 7,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,500 | 25,000 |
| FINANCE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PURCHASING | 35,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35,000 |
| ENGINEERING STAFF & EXPENSES | 1,970,025 | 2,029,126 | 2,090,000 | 2,152,700 | 2,217,280 | 2,283,799 | 2,352,313 | 2,422,882 | 2,495,569 | 2,570,436 | 22,584,129 |
| | 11,692,725 | 9,703,826 | 9,592,000 | 9,507,600 | 8,307,280 | 8,114,899 | 9,570,313 | 10,691,182 | 9,340,569 | 11,684,436 | 98,204,829 |

WATER UNDERGROUND REPAIR

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------|---|
| 1 IN-HOUSE WATERLINE REPLACEMENT UPSIZE | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 900,000 | 1 |
| 2 REPLACE MOLE | 7,000 | | | 8,000 | | | 9,000 | | | | 24,000 | 2 |
| 3 REPLACE WACKER | | 5,000 | | 5,000 | | 5,000 | | 5,000 | | | 20,000 | 3 |
| 4 REPLACE VACUUM ON VEHICLE #77 | | | | 19,000 | | | | | 20,000 | | 39,000 | 4 |
| 5 VACUUM FOR STANDBY TRUCK #61 (VALVE EXER. PROG.) | 19,000 | | 15,000 | | | | | | | | 34,000 | 5 |
| 6 VALVE EXERCISE EQUIPMENT | 10,000 | | | | 15,000 | | | | 18,000 | | 43,000 | 6 |
| 7 LINE LOCATOR | | | 6,000 | | | 6,500 | | | | | 12,500 | 7 |
| 8 LINE LOCATOR | | | 6,000 | | | 6,500 | | | | | 12,500 | 8 |
| | | | | | | | | | | | | |
| | 136,000 | 105,000 | 127,000 | 132,000 | 115,000 | 118,000 | 109,000 | 105,000 | 138,000 | 0 | 1,085,000 | |

WATER PUMPS

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------|---|
| 1 SECURITY MEASURES | | | 5,000 | | 5,000 | | 5,000 | | | | 15,000 | 1 |
| 2 AIRPORT BOOSTER WATERLINE CHECK VALVE | | | | | | | | 14,000 | | | 14,000 | 2 |
| 3 PUMP REBUILDS | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 500,000 | 3 |
| 4 TANK CLEANING | | | 20,000 | | 20,000 | | 20,000 | | 20,000 | | 80,000 | 4 |
| | 50,000 | 50,000 | 75,000 | 50,000 | 75,000 | 50,000 | 75,000 | 64,000 | 70,000 | 50,000 | 609,000 | |

WATER EQUIPMENT REPAIR - PAGE 1

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------|---|
| 1 REPLACE GENERATOR SETS | 60,000 | | | | | | | | | 50,000 | 110,000 | 1 |
| 2 REPLACE ENGINE/TRANSMISSION | | 7,200 | | 7,400 | | 7,600 | | 7,800 | | 8,000 | 38,000 | 2 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 60,000 | 7,200 | 0 | 7,400 | 0 | 7,600 | 0 | 7,800 | 0 | 58,000 | 148,000 | |

WATER EQUIPMENT REPAIR (VEHICLES) - PAGE 2

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------|----|
| 1 REPLACE U/R WATER SERVICE TRUCK #77 (2001) | | | | | 50,000 | | | | | | 50,000 | 1 |
| 2 REPLACE U/R TRUCK #32 (2009) | | | | 45,000 | | | | | | | 45,000 | 2 |
| 3 REPLACE U/R FLATBED TRUCK #43 (1988) | | | | 40,000 | | | | | | | 40,000 | 3 |
| 4 REPLACE U/R BACKHOE #47 (2003) | | 120,000 | | 130,000 | | | | | | | 250,000 | 4 |
| 5 REPLACE U/R TRUCK #61 (2011) | | 35,000 | | | | | | | | | 35,000 | 5 |
| 6 REPLACE U/R TRUCK #25 (2000) | | | | | | | | | 70,000 | | 70,000 | 6 |
| 7 REPLACE U/R TRUCK #34 | | | | | | | | | 70,000 | | 70,000 | 7 |
| 8 REPLACE U/R LOADER #22 (2007) | | | 185,000 | | | | | | | | 185,000 | 8 |
| 9 REPLACE U/R BACKHOE #48 (2006) | | | 130,000 | | | | | | | | 130,000 | 9 |
| 10 REPLACE U/R DUMP TRUCK #8 (1995) | 300,000 | | | | | | | | | | 300,000 | 10 |
| 11 REPLACE U/R DUMP TRUCK #80 (2006) | | 120,000 | | | | | | | | | 120,000 | 11 |
| 12 REPLACE PUMPS TRUCK #17 (2009) | | 40,000 | | | | | | | | | 40,000 | 12 |
| 13 REPLACE LAB TRUCK #82 (2006) | | | | | | | | | | 30,000 | 30,000 | 13 |
| 14 REPLACE ENG. TRUCK #37 (2002) | | 35,000 | | | | | | | | | 35,000 | 14 |
| 15 REPLACE INSPECTIONS TRUCK #64 (2013) | | | | | | | 35,000 | | | | 35,000 | 15 |
| 16 REPLACE INSPECTIONS TRUCK #72 (1999) | | | 30,000 | | | | | | | | 30,000 | 16 |
| 17 REPLACE PURCHASING VEHICLE #5 (1999) | | | 35,000 | | | | | | | | 35,000 | 17 |
| | | | | | | | | | | | | |
| | 300,000 | 350,000 | 380,000 | 215,000 | 50,000 | 0 | 35,000 | 0 | 0 | 170,000 | 1,500,000 | |
| | 360,000 | 357,200 | 380,000 | 222,400 | 50,000 | 7,600 | 35,000 | 7,800 | 0 | 228,000 | 1,648,000 | |

WATER ENGINEERING - PAGE 1

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|--------|---|
| 1 SIERRA BLVD. WATERLINE IMPROVEMENTS | 376,000 | | | | | | | | | | 376,000 | 1 | |
| 2 METERS - PHASE 5A (1) | 3,625,000 | | | | | | | | | | 3,625,000 | 2 | |
| 3 WATER REPAIR EMERGENCIES | 500,000 | | | | | | | | | | 500,000 | 3 | |
| 4 WATERLINE - PONDEROSA (A) | 75,000 | | | | | | | | | | 75,000 | 4 | |
| 5 WATERLINE - MARLETTE (1) | 150,000 | | | | | | | | | | 150,000 | 5 | |
| 6 HEAVENLY TANK COATING/IMPROVEMENTS | 670,000 | | | | | | | | | | 670,000 | 6 | |
| 7 ROCKY POINT #2 WATERLINE | 733,000 | 755,000 | | | | | | | | | 1,488,000 | 7 | |
| 8 PUMP REPLACEMENT | | 7,000 | 7,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 9,000 | 9,000 | 72,000 | 8 |
| 9 KELLER-HEAVENLY ZONE IMPROVEMENTS (3) | 1,900,000 | 2,534,000 | 2,011,000 | 1,449,000 | | | | | | | 7,894,000 | 9 | |
| 10 METERS - PHASE 5B (1) | 309,000 | 1,125,000 | | | | | | | | | 1,434,000 | 10 | |
| 11 CRITICAL WATERLINE MONITORING | | 140,000 | 144,000 | 148,000 | 152,000 | 157,000 | 162,000 | 167,000 | 172,000 | 177,000 | 1,419,000 | 11 | |
| 12 SCADA UPGRADES | 10,000 | 11,000 | 11,000 | 11,000 | 12,000 | 12,000 | 12,000 | 13,000 | 13,000 | 13,000 | 118,000 | 12 | |
| 13 UPPER MONTGOMERY/COLD CREEK BOOSTER | 113,000 | | | | 696,000 | 716,000 | | | | | 1,525,000 | 13 | |
| 14 H STREET ZONE BOOSTER, FIRE PUMP | 113,000 | | | | 348,000 | 358,000 | | | | | 819,000 | 14 | |
| 15 ROCKY POINT #1 WATERLINE | 100,000 | 935,000 | 963,000 | | | | | | | | 1,998,000 | 15 | |
| 16 VALVE AND FIRE HYDRANT REPLACEMENTS | | 380,000 | 391,000 | 403,000 | 415,000 | 427,000 | 440,000 | 453,000 | 467,000 | 481,000 | 3,857,000 | 16 | |
| 17 WATER METER MAINTENANCE AND REPLACEMENT | | | | | | 242,000 | 263,000 | 285,000 | 309,000 | 335,000 | 1,434,000 | 17 | |
| 18 FIELD COMMUNICATION UPGRADES PHASE 1 | 95,000 | 98,000 | | | | | | | | | 193,000 | 18 | |
| 19 FUTURE HYDRANTS | | | | 643,000 | 663,000 | | | | | | 1,306,000 | 19 | |
| 20 BOWERS WATERLINE | 50,000 | | 1,016,000 | 1,047,000 | | | | | | | 2,113,000 | 20 | |
| 21 FIELD COMMUNICATION UPGRADES PHASE 2 | | 178,000 | 184,000 | | | | | | | | 362,000 | 21 | |
| 22 FIELD COMMUNICATION UPGRADES PHASE 3 | | | 300,000 | 310,000 | | | | | | | 610,000 | 22 | |
| 23 BLACK BART #1 AND #2 WATERLINE | 50,000 | | 1,371,000 | 1,413,000 | | | | | | | 2,834,000 | 23 | |
| 24 BIJOU #2 AND #3 WATERLINE | | | | 1,035,000 | 1,067,000 | | | | | | 2,102,000 | 24 | |
| 25 FLAGPOLE FCV TO ARROWHEAD | | 53,000 | 55,000 | | | | | | | | 108,000 | 25 | |
| 26 SIERRA TRACT #2 WATERLINE | | | | | 945,000 | 973,000 | | | | | 1,918,000 | 26 | |
| 27 DAVID LANE BOOSTER IMPROVEMENTS, GENSET | | | | | | | | 348,000 | 326,000 | | 674,000 | 27 | |
| 28 ELECTRICAL IMPROVEMENTS AT 16 SITES | | | | | | | | 148,000 | 152,000 | | 300,000 | 28 | |
| 29 GARDNER MOUNTAIN #2 WATERLINE | | | | | 733,000 | 755,000 | | | | | 1,488,000 | 29 | |
| 30 BIJOU #5 WATERLINE | | | | 278,000 | 286,000 | | | | | | 564,000 | 30 | |
| 31 NEW PRV AT WASHOAN-NADOWA | | | | | | 149,000 | 154,000 | | | | 303,000 | 31 | |
| 32 NEW PRV AT GLEN EAGLES | | | | | | 149,000 | 154,000 | | | | 303,000 | 32 | |
| SUBTOTAL | 8,869,000 | 6,216,000 | 6,453,000 | 6,745,000 | 5,325,000 | 3,946,000 | 1,193,000 | 1,422,000 | 1,448,000 | 1,015,000 | 42,632,000 | | |

WATER ENGINEERING - PAGE 2

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|----|
| 33 UTR MEYERS WATERLINE RELIABILITY IMPROVEMENTS | | 557,000 | | | | | | | | | 557,000 | 33 |
| 34 GARDNER MOUNTAIN #4 WATERLINE | | | | | | 765,000 | 788,000 | | | | 1,553,000 | 34 |
| 35 REPLACE AL TAHOE WELL | | | | | | | | | | 336,000 | 336,000 | 35 |
| 36 KELLER BOOSTER UPGRADES | | | | | | | | | 65,000 | 134,000 | 199,000 | 36 |
| 37 PIONEER TRAIL WATERLINE - GOLDEN BEAR TO PINE VALLEY | | | | | | | 1,792,000 | 1,846,000 | | | 3,638,000 | 37 |
| 38 MEYERS #1 WATERLINE | | | | | | 647,000 | 667,000 | | | | 1,314,000 | 38 |
| 39 WILDWOOD #3 WATERLINE | | | | | | | 977,000 | 1,006,000 | | | 1,983,000 | 39 |
| 40 WILDWOOD #4 WATERLINE | | | | | | | 390,000 | 402,000 | | | 792,000 | 40 |
| 41 WILDWOOD #5 (+PRV) WATERLINE | | | | | | | 668,000 | 688,000 | | | 1,356,000 | 41 |
| 42 WILDWOOD #1 WATERLINE | | | | | | | | 948,000 | 976,000 | | 1,924,000 | 42 |
| 43 REPLACE SUSQUEHANNA PRV | 25,000 | 80,000 | 82,000 | | | | | | | | 187,000 | 43 |
| 44 REPLACE PRICE ROAD PRV | 25,000 | 80,000 | 82,000 | | | | | | | | 187,000 | 44 |
| 45 BIJOU #4 WATERLINE | | | | | | | | | 1,369,000 | 1,410,000 | 2,779,000 | 45 |
| 46 ELECTRICAL MAINTENANCE AND IMPROVEMENTS | | | | | | | | 127,000 | 130,000 | | 257,000 | 46 |
| 47 SIERRA TRACT #6 WATERLINE | | | | | | | | | | 1,027,000 | 1,027,000 | 47 |
| 48 WILDWOOD #2 WATERLINE | | | | | | | | 1,124,000 | 1,157,000 | | 2,281,000 | 48 |
| 49 BIJOU #1 WATERLINE | | | | | | | | | 889,000 | 915,000 | 1,804,000 | 49 |
| 50 CORNELIAN FIRE PUMP AND WATERLINE INSTALLATION | | | | | | | 154,000 | 317,000 | 326,000 | | 797,000 | 50 |
| 51 SIERRA TRACT #8 WATERLINE | | | | | | | | | | 996,000 | 996,000 | 51 |
| 52 GARDNER MOUNTAIN #3 WATERLINE | | | | | | | | | | 1,330,000 | 1,330,000 | 52 |
| 53 GARDNER MOUNTAIN #1 WATERLINE | | | | | | | | | | 1,242,000 | 1,242,000 | 53 |
| 54 WELL TESTING, INSPECTION AND REHABILITATION PROJECT | | 69,000 | 71,000 | 73,000 | 75,000 | 78,000 | 80,000 | 82,000 | 85,000 | 87,000 | 700,000 | 54 |
| SUBTOTAL | 50,000 | 786,000 | 235,000 | 73,000 | 75,000 | 1,490,000 | 5,516,000 | 6,540,000 | 4,997,000 | 7,477,000 | 27,239,000 | |
| TOTALS | 8,919,000 | 7,002,000 | 6,688,000 | 6,818,000 | 5,400,000 | 5,436,000 | 6,709,000 | 7,962,000 | 6,445,000 | 8,492,000 | 69,871,000 | |

WATER LABORATORY

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------|----|
| 1 REPLACE STERILIZING OVEN | | | | 6,000 | | | | | | | 6,000 | 1 |
| 2 REPLACE AUTOCLAVE (SMALL) | | | | | | 10,000 | | | | | 10,000 | 2 |
| 3 REPLACE COLIFORM INCUBATOR | | | | | 6,000 | | | | | | 6,000 | 3 |
| 4 REPLACE LAB pH METER | | | | 5,000 | | | | | 5,000 | | 10,000 | 4 |
| 5 REPLACE AUTOCLAVE (LARGE) | | | 10,000 | | | | | | | | 10,000 | 5 |
| 6 REPLACE 20 LITER WATER BATH | 5,000 | | | | | | 5,000 | | | | 10,000 | 6 |
| 7 LIMS COMPUTER SOFTWARE | | | | | 150,000 | | | | | 150,000 | 300,000 | 7 |
| 8 LAB DESIGN EVALUATION | 35,000 | | | | | | | | | | 35,000 | 8 |
| 9 REPLACE BLOCK DIGESTER FOR METALS AND TOTAL P | | | 5,000 | | | | | | | | 5,000 | 9 |
| 10 REPLACE 18-MOHM WATER SYSTEM | | | | | | | | | 10,000 | | 10,000 | 10 |
| 11 REPLACE TURBIDIMETER | | 5,000 | | | | | | 5,000 | | | 10,000 | 11 |
| | | | | | | | | | | | | |
| | 40,000 | 5,000 | 15,000 | 11,000 | 156,000 | 10,000 | 5,000 | 5,000 | 15,000 | 150,000 | 412,000 | |

WATER ADMINISTRATION

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|
| | | | | | | | | | | | 0 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

WATER BOARD OF DIRECTORS

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|--------|
| 1 REPLACE BOARDROOM COMPONENTS | | | | | | | 75,000 | | | | 75,000 | 1 |
| 2 REPLACE BOARDROOM AV EQUIPMENT | | 5,000 | | | | 5,000 | | | | | 10,000 | 2 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 0 | 5,000 | 0 | 0 | 0 | 0 | 5,000 | 75,000 | 0 | 0 | 0 | 85,000 |

WATER HUMAN RESOURCES

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|
| | | | | | | | | | | | 0 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | 0 |

WATER FINANCE

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|
| | | | | | | | | | | | 0 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

WATER ACCOUNTING

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|
| | | | | | | | | | | | 0 |
| | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

WATER PURCHASING

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|---|
| 1 CARPET REPAIR & REPLACEMENT (ADMIN BUILDING) | 35,000 | | | | | | | | | | 35,000 | 1 |
| | | | | | | | | | | | | |
| | 35,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35,000 | |

WATER INFORMATION TECHNOLOGY

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------|----|
| 1 FIREWALL SOFTWARE/UPGRADES | 25,000 | | 25,000 | | | 25,000 | | | 25,000 | | 100,000 | 1 |
| 2 SOFTWARE (NEW, UPGRADES, COMPLIANCE) | | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 72,000 | 2 |
| 3 SQL ADDITIONAL LICENSES | | 7,000 | | | 7,000 | | | 7,000 | | | 21,000 | 3 |
| 4 STORAGE SYSTEM (SAN)/ADDITIONS | | | | | 125,000 | | | | | 125,000 | 250,000 | 4 |
| 5 DATABASE SOFTWARE/UPDATES | | | | | 8,000 | | | | 8,000 | | 16,000 | 5 |
| 6 REPLACE FIBER WAN - SHOPS | | | | | | 10,000 | | | | | 10,000 | 6 |
| 7 REPLACE NETWORKING EQUIP./IMPROVEMENTS | 11,000 | | 11,000 | | 11,000 | | 11,000 | | 11,000 | | 55,000 | 7 |
| 8 WIRELESS CONTROLLER/ACCESS POINTS | 10,000 | | 10,000 | | | | 10,000 | | | | 30,000 | 8 |
| 9 BACKUP/DISASTER RECOVERY APPLIANCE | 15,000 | | | | 15,000 | | | | 15,000 | | 45,000 | 9 |
| 10 REPLACE WATER HYDRAULIC MODELING SOFTWARE | 15,000 | | 15,000 | | | 15,000 | | | 15,000 | | 60,000 | 10 |
| 11 AUTOCAD CIVIL LICENSES | | 20,000 | | 6,000 | | | 6,000 | | | 6,000 | 38,000 | 11 |
| 12 STRATEGIC PLAN IMPLEMENTATION/UPDATE | | | | | | 20,000 | | | | | 20,000 | 12 |
| 13 LASERFICHE UPGRADE | | | | 10,000 | | | 25,000 | 10,000 | | | 45,000 | 13 |
| 14 REPLACE DOMAIN CONTROLLER SERVER | | 10,000 | | | | 10,000 | | | | 10,000 | 30,000 | 14 |
| 15 CORE SWITCH - SERVER ROOM | | | 25,000 | | | | 25,000 | | | | 50,000 | 15 |
| 16 REPLACE SCADA HISTORIAN SERVER | | | 10,000 | | | | 10,000 | | | | 20,000 | 16 |
| 17 SCADA SERVER 2 | | 10,000 | | | | 10,000 | | | | 10,000 | 30,000 | 17 |
| 18 BACKUP POWER SERVER ROOM | 6,000 | | 6,000 | | 6,000 | | 6,000 | | 6,000 | | 30,000 | 18 |
| 19 VIRTUAL SERVER | 20,000 | | 20,000 | | 20,000 | | 20,000 | | 20,000 | | 100,000 | 19 |
| 20 TABLETS | | 2,500 | 4,000 | 2,500 | 4,000 | 2,500 | 4,000 | 2,500 | 4,000 | 2,500 | 28,500 | 20 |
| | | | | | | | | | | | | |
| | 102,000 | 57,500 | 134,000 | 26,500 | 204,000 | 100,500 | 125,000 | 27,500 | 112,000 | 161,500 | 1,050,500 | |

WATER INSPECTIONS

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|--------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|---------------|
| 1 REPLACE DIGITAL LOCATING EQUIPMENT | 7,500 | | | | | | | | | 7,500 | 15,000 | 1 |
| 2 METER TESTER | | | | | | | | | | 10,000 | 10,000 | 2 |
| | <u>7,500</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>17,500</u> | <u>25,000</u> |

WATER PUBLIC AFFAIRS/WATER CONSERVATION

| USE OR BENEFIT EXPLANATION | 19-20 BUDGET | 20-21 BUDGET | 21-22 BUDGET | 22-23 BUDGET | 23-24 BUDGET | 24-25 BUDGET | 25-26 BUDGET | 26-27 BUDGET | 27-28 BUDGET | 28-29 BUDGET | TOTALS | |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|-----|
| | | | | | | | | | | | | |
| | | | | | | | | | | | | 0 1 |
| | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

ACKNOWLEDGMENTS

Paul Hughes, Chief Financial Officer

Debbie Henderson, Accounting Manager

Susan Rasmussen, Finance Administrative Assistant

BOARD OF DIRECTORS' FINANCE COMMITTEE:

Chris Cefalu

Kelly Sheehan