



SOUTH TAHOE
PUBLIC UTILITY DISTRICT

**TEN-YEAR
FINANCIAL PLAN
2023/24 TO 2032/33**

JULY 2023



TABLE OF CONTENTS

Ten-Year Financial Plan Narrative.....1

Sewer

Sewer Fund Ten-Year Financial Plan..... 5
Funding Sources for Capital Projects 8
Ten-Year Capital Projects 9
Ten-Year Capital Plan by Department and Project..... 10

Water

Water Fund Ten-Year Financial Plan..... 33
Funding Sources for Capital Projects 36
Ten-Year Capital Projects 37
Ten-Year Capital Plan by Department and Project..... 38

Acknowledgments..... 59



TEN-YEAR FINANCIAL PLAN

July 1, 2023 to June 30, 2033

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, 2023 to June 30, 2033. This Plan is based on the best available information and Board direction as of May 18, 2023. 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; 9.5% water and sewer service charge rate increases in fiscal years 2023/24 through 2028/29 and 6% in years 2029/30 – 2032/33; property tax revenue is estimated to increase approximately 2.9% annually; although interest rates have increased this year, due to thirteen years of record, or near record low interest rates, as well as a principle preservation policy, long-term interest income is forecasted at an earnings rate of 1.0% to 1.5% through the forecast; water capacity/connection fees are expected to be received from 30 residential allocations each year while sewer capacity/connections fees are expected to be received from 60 residential allocations in fiscal year 2024 and decrease 10% annually through fiscal year 2033. Due to the unknown nature of commercial connections, we have projected total annual commercial development equivalent to 100 plumbing fixture units and one four-inch water connection.

CAPITAL SPENDING

Sewer fund capital spending over the ten-year period is anticipated to total \$118.7 million, not including associated labor and operating costs or debt payments for prior capital projects. Of this amount, \$109.8 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 \$59.4 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 rehabilitation of the treatment plant secondary clarifiers, improvements to the "Big Five" pump stations, gravity main replacements, field communication upgrades, and several other wastewater collection, treatment, and recycling projects. Forty-eight percent of the infrastructure costs are forecasted to be self-funded, and the remaining 52% of the costs are borrowed from lenders. The District is seeking to borrow approximately \$57.2 million from the California State Revolving Loan Program through the State Water Resources Control Board in the form of low-interest loans. If that funding is not available, or if certain projects are time sensitive, the District will utilize other standard market rate tax exempt financing. 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 \$121.7 million, not including associated labor and operating costs or debt payments for prior capital projects. Of this amount, \$115.8 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 \$47.6 million over ten years. The ten-year capital improvement plan allows for the replacement of many old and undersized waterlines 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 projects include booster station improvements, communication upgrades, well rehabs, water tank coatings, new pressure reducing valve installations or replacements, heavy equipment replacement, and technological equipment upgrades. Fifty-two percent of the infrastructure costs are forecasted to be self-funded and the remaining 48% of the costs are borrowed from lenders. The District is seeking to borrow approximately \$56.0 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.

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 and debt reserve is equal to one year’s property tax receipts while the water fund reserve is equal to fifteen percent of service charge revenues in fiscal years 2024 - 2025, and twenty percent in 2026 - 2033. On June 30, 2033, 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	\$15,694,921	\$20,235,397
Rate Stabilization/Debt Reserve	13,509,998	6,174,800
Operating Reserve	<u>5,461,843</u>	<u>3,802,494</u>
Total	\$34,666,762	\$30,212,691

SERVICE CHARGE RATES

The adopted budget for fiscal year 2023/24 (year one of the ten-year forecast) includes a 9.5% increase to water and sewer rates. Following issuance of a multi-year Proposition 218 notice in 2019, the Board adopted a five-year rate schedule for fiscal years 2019/20 – 2023/24. Fiscal year 2023/24 represents year five of the rate schedule which originally included 6% and 5% rate increases to water and sewer service charge rates. Due to the negative local economic impact caused by COVID-19, the Board chose not to implement the increases for fiscal years 2021 and 2022, which is why the adopted increases of 9.5% for 2024 are greater than the original expected increases of 6% and 5%. Rate changes are forecasted at 9.5% per year for years two-through-six, and 6.0% per year for years seven-through-ten for both the water fund and 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

	2023/24 FORECAST	2023/24 FORECAST	2024/25 FORECAST	2024/25 FORECAST	2025/26 FORECAST	2025/26 FORECAST	2026/27 FORECAST	2026/27 FORECAST	2027/28 FORECAST	2027/28 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	4,228,358	16,110,210	4,275,238	11,602,066	4,475,611	11,810,581	4,515,091	11,965,188	4,799,453	12,911,180
REVENUES (1)	26,751,865	1,833,227	28,669,674	723,804	30,833,933	651,423	33,184,792	586,281	35,759,510	527,653
BORROWINGS	0	5,730,573	0	12,504,573	0	9,086,573	0	10,019,000	0	9,509,000
AVAILABLE FUNDS	30,980,224	23,674,010	32,944,912	24,830,443	35,309,544	21,548,578	37,699,882	22,570,469	40,558,963	22,947,833
SALARIES (2)	7,404,592	1,167,878	7,993,730	1,260,914	8,233,542	1,298,742	8,480,548	1,337,704	8,734,964	1,377,835
BENEFITS (2)	3,928,814	458,010	4,243,678	494,350	4,370,989	509,181	4,502,118	524,456	4,637,182	540,190
OPERATIONS & MAINTENANCE (2)	7,497,360	1,431,775	7,407,607	1,112,383	7,540,459	1,134,631	7,706,569	1,157,323	7,845,400	1,180,470
CAPITAL OUTLAY		13,125,500		14,635,500		13,287,300		13,763,000		14,088,600
DEBT SERVICE	763,000	3,000,000	1,228,000	3,113,000	1,186,000	2,817,000	1,745,000	3,343,000	1,837,000	3,275,000
TOTAL CASH OUTLAYS	19,593,766	19,183,163	20,873,015	20,616,148	21,330,990	19,046,853	22,434,235	20,125,484	23,054,546	20,462,095
BALANCE BEFORE TRANSFERS	11,386,458	4,490,847	12,071,896	4,214,295	13,978,554	2,501,724	15,265,647	2,444,985	17,504,417	2,485,738
CAPITAL OUTLAY FUND TRANSFERS	-7,111,219	7,111,219	-7,596,286	7,596,286	-9,463,463	9,463,463	-10,466,194	10,466,194	-12,599,743	12,599,743
ACCRUAL TO CASH ADJUSTMENT		0		0		0		0		0
RATE STABILIZATION AND DEBT RESERVES		-6,543,000		-7,346,000		-8,158,000		-8,980,000		-9,810,999
OPERATING AND CAPITAL OUTLAY RESERVES (3)	4,275,238	5,059,066	4,475,611	4,464,581	4,515,091	3,807,188	4,799,453	3,931,180	4,904,674	5,274,482
DEBT PAYMENT RESERVE FUND		1,954,506		3,139,362		3,309,482		4,393,927		4,762,469
RATE STABILIZATION FUND (4)		4,588,494		4,206,638		4,848,518		4,586,073		5,048,530
TOTAL RESERVE BALANCES	4,275,238	11,602,066	4,475,611	11,810,581	4,515,091	11,965,188	4,799,453	12,911,180	4,904,674	15,085,481
AMORTIZATION (NON-CASH ITEM)	25,490		25,490		25,490		25,490		25,490	
DEPRECIATION (NON-CASH ITEM)	5,425,000		5,533,000		5,643,000		5,755,000		5,870,000	

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 9.5% in year's 1 - 6, 6.0% in year's 7 - 10.

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

Capacity fees are reduced 10% annually.

(2) EXPENDITURES

Benefits include a 3.0% escalator beginning 2024/25 due to potential P/R tax and PERS/health insurance increases.

Salaries include a 3.0% escalator beginning 2024/25 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 \$118.7 million (Includes all departments).

Debt Service includes principle & interest payments for current debt and additional debt of \$57.2 million over the ten year forecast.

\$150,000 contingency reserve for all years.

SOUTH TAHOE PUBLIC UTILITY DISTRICT

SEWER TEN-YEAR FINANCIAL PLAN (CONTINUED)

	2028/29 FORECAST	2028/29 FORECAST	2029/30 FORECAST	2029/30 FORECAST	2030/31 FORECAST	2030/31 FORECAST	2031/32 FORECAST	2031/32 FORECAST	2032/33 FORECAST	2032/33 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	4,904,674	15,085,481	5,074,427	21,767,065	5,274,194	20,879,405	5,389,153	18,583,849	5,444,790	20,807,978
REVENUES (1)	38,577,363	474,888	38,051,171	427,399	40,107,365	384,659	42,258,811	346,193	44,584,429	311,574
BORROWINGS	0	8,457,000	0	3,057,000	0	4,867,000	0	0	0	0
AVAILABLE FUNDS	43,482,037	24,017,369	43,125,599	25,251,464	45,381,559	26,131,064	47,647,964	18,930,043	50,029,219	21,119,552
SALARIES (2)	8,997,013	1,419,170	9,266,924	1,461,745	9,544,931	1,505,598	9,831,279	1,550,766	10,126,218	1,597,289
BENEFITS (2)	4,776,297	556,396	4,919,586	573,087	5,067,174	590,280	5,219,189	607,989	5,375,765	626,228
OPERATIONS & MAINTENANCE (2)	8,017,608	1,204,079	8,162,660	1,228,161	8,341,213	1,252,724	8,492,738	1,277,778	8,662,592	1,303,334
CAPITAL OUTLAY		10,211,350		10,578,300		15,204,700		7,656,500		6,115,400
DEBT SERVICE	2,156,000	3,320,000	2,375,000	3,658,000	2,254,000	3,779,000	2,135,000	3,554,000	2,025,000	3,342,000
TOTAL CASH OUTLAYS	23,946,919	16,710,995	24,724,170	17,499,294	25,207,319	22,332,302	25,678,206	14,647,033	26,189,575	12,984,251
BALANCE BEFORE TRANSFERS	19,535,118	7,306,374	18,401,428	7,752,170	20,174,241	3,798,762	21,969,758	4,283,010	23,839,644	8,135,302
CAPITAL OUTLAY FUND TRANSFERS	-14,460,691	14,460,691	-13,127,235	13,127,235	-14,785,087	14,785,087	-16,524,968	16,524,968	-18,329,907	18,329,907
ACCRUAL TO CASH ADJUSTMENT		0		0		0		0		0
RATE STABILIZATION AND DEBT RESERVES		-10,649,999		-11,447,999		-12,297,999		-13,157,998		-13,509,998
OPERATING AND CAPITAL OUTLAY RESERVES (3)	5,074,427	11,117,066	5,274,194	9,431,406	5,389,153	6,285,850	5,444,790	7,649,980	5,509,738	12,955,210
DEBT PAYMENT RESERVE FUND		5,470,092		6,026,883		6,026,783		5,682,683		5,361,383
RATE STABILIZATION FUND (4)		5,179,907		5,421,116		6,271,216		7,475,315		8,148,615
TOTAL RESERVE BALANCES	5,074,427	21,767,065	5,274,194	20,879,405	5,389,153	18,583,849	5,444,790	20,807,978	5,509,738	26,465,208
AMORTIZATION (NON-CASH ITEM)	25,490		25,490		25,490		25,490		25,490	
DEPRECIATION (NON-CASH ITEM)	5,987,000		6,106,000		6,228,000		6,352,000		6,479,000	

(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 and debt reserve fund is equal to one years property tax receipts net of jurisdictional transfers (\$4M was used in FY's 23 and 24; replenished over seven years)

RESULTS:

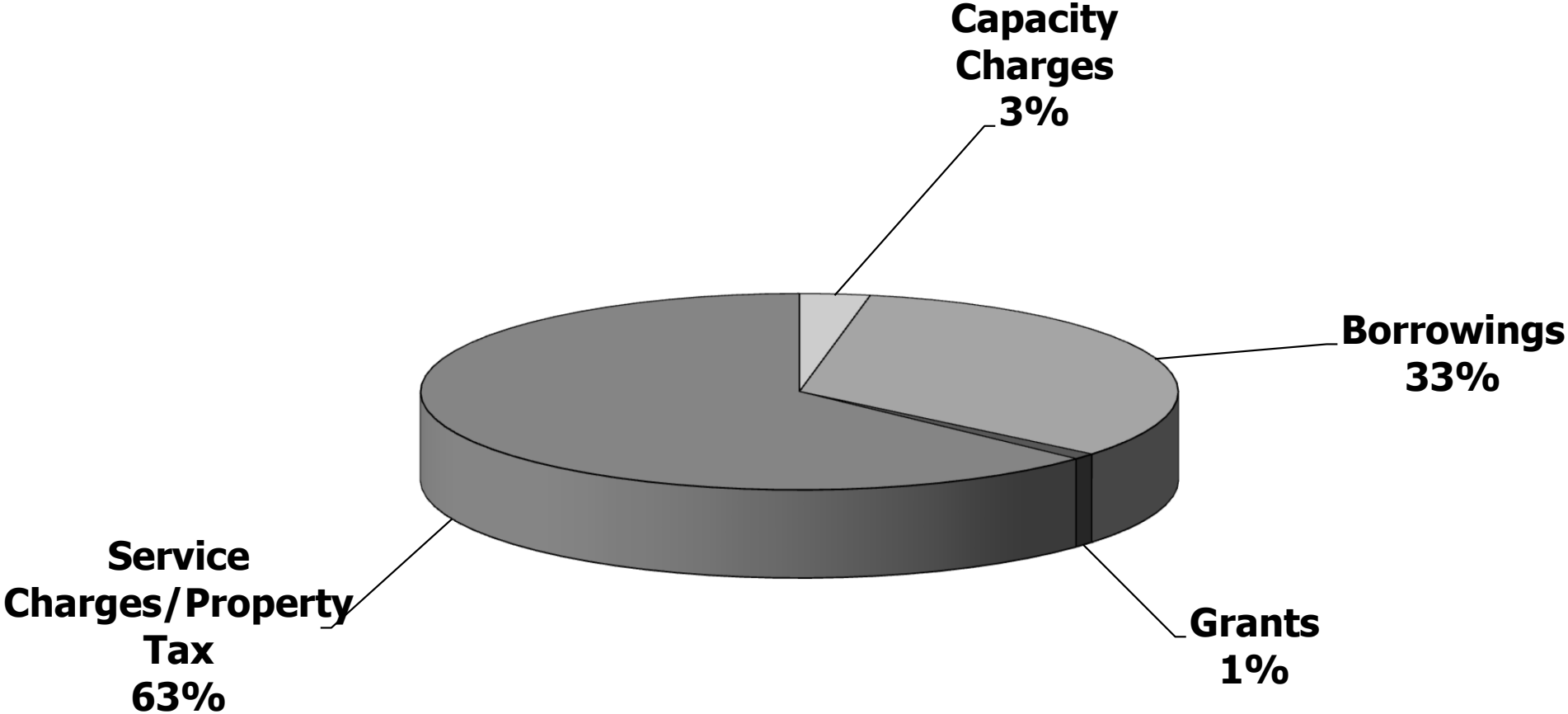
Operating revenue covers operating expenses at all times.

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

Capital Improvement Program is greater than 100% of depreciation

SEWER ENTERPRISE FUND

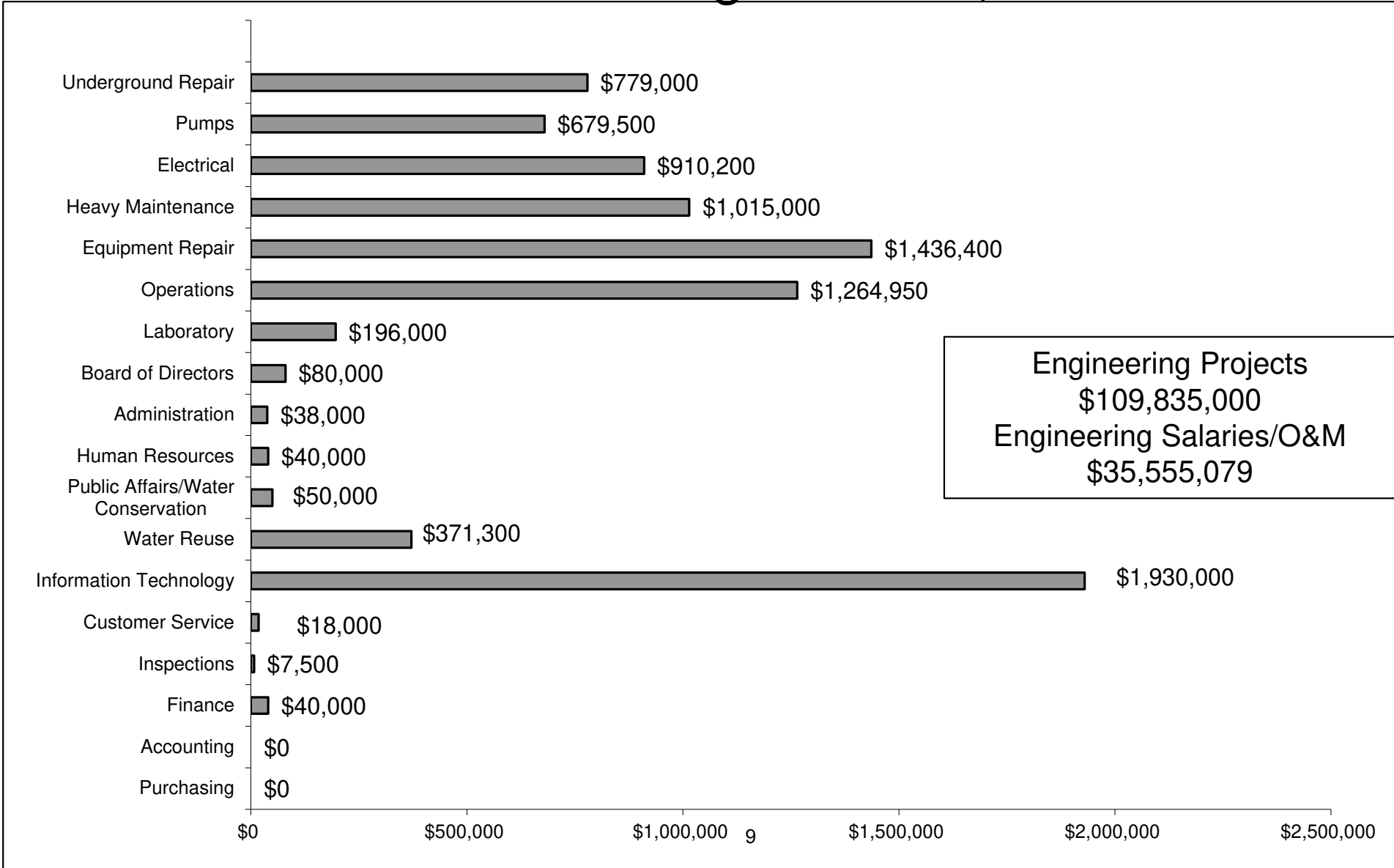
Funding Sources for Capital Projects Fund



SEWER ENTERPRISE FUND CAPITAL PROJECTS

Ten Years Ending June 30, 2033

All Other
Departments



SEWER
TEN-YEAR CAPITAL PLAN
BY DEPARTMENT
and
BY PROJECT

SEWER TOTALS

DEPARTMENT	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS
UNDERGROUND REPAIR	34,500	302,000	18,000	40,500	98,000	46,000	153,000	33,000	18,000	36,000	779,000
PUMPS	126,500	118,000	105,000	60,000	60,000	110,000	50,000	50,000	0	0	679,500
ELECTRICAL	130,200	100,000	105,000	80,000	80,000	85,000	85,000	80,000	85,000	80,000	910,200
HEAVY MAINTENANCE	542,000	59,000	94,000	89,000	24,000	63,000	30,000	12,000	27,000	75,000	1,015,000
EQUIPMENT REPAIR	559,000	767,000	102,600	0	7,800	0	0	0	0	0	1,436,400
OPERATIONS	317,000	105,800	104,900	139,600	109,800	90,750	90,000	96,200	112,500	98,400	1,264,950
LABORATORY	20,000	10,000	25,000	11,000	100,000	20,000	10,000	0	0	0	196,000
BOARD OF DIRECTORS	5,000	0	75,000	0	0	0	0	0	0	0	80,000
ADMINISTRATION	0	0	19,000	0	0	0	19,000	0	0	0	38,000
HUMAN RESOURCES	15,000	0	0	0	0	15,000	10,000	0	0	0	40,000
PUBLIC AFFAIRS/WATER CONSERVATION	50,000	0	0	0	0	0	0	0	0	0	50,000
WATER REUSE	15,000	84,700	35,800	46,900	38,000	69,100	40,300	41,500	0	0	371,300
ENGINEERING	10,726,000	12,938,000	12,432,000	13,133,000	13,506,000	9,596,000	9,980,000	14,789,000	6,909,000	5,826,000	109,835,000
INFORMATION TECHNOLOGY	610,000	113,000	171,000	163,000	65,000	109,000	91,000	103,000	505,000	0	1,930,000
CUSTOMER SERVICE	0	18,000	0	0	0	0	0	0	0	0	18,000
INSPECTIONS	0	0	0	0	0	7,500	0	0	0	0	7,500
FINANCE	0	20,000	0	0	0	0	20,000	0	0	0	40,000
ACCOUNTING	0	0	0	0	0	0	0	0	0	0	0
PURCHASING	0	0	0	0	0	0	0	0	0	0	0
ENGINEERING STAFF & EXPENSES	3,101,488	3,194,532	3,290,368	3,389,079	3,490,752	3,595,474	3,703,338	3,814,439	3,928,872	4,046,738	35,555,079
	<u>16,251,688</u>	<u>17,830,032</u>	<u>16,577,668</u>	<u>17,152,079</u>	<u>17,579,352</u>	<u>13,806,824</u>	<u>14,281,638</u>	<u>19,019,139</u>	<u>11,585,372</u>	<u>10,162,138</u>	<u>154,245,929</u>

SEWER UNDERGROUND REPAIR

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 SMART COVERS (THREE PER YEAR)	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	180,000	1
2 REPLACE HYDRAULIC JACKHAMMER					5,000						5,000	2
3 REPLACE MAIN/PORTABLE CAMERAS					50,000		50,000				100,000	3
4 CONFINED SPACE EQUIPMENT	10,000			7,500				15,000			32,500	4
5 REPLACE STAND ALONE LATERAL CAMERA							20,000				20,000	5
6 HYDRO NOZZLES		12,000				13,000				18,000	43,000	6
7 PORTABLE HYDRO UNIT					25,000						25,000	7
8 FOUR RACKS, 8 REELS OF 8" LAY FLAT HOSE (660' PER REEL)		60,000					65,000				125,000	8
9 REPLACE TV CABLE		12,000		15,000		15,000					42,000	9
10 40 FOOT STORAGE CONTAINER											0	10
11 UPGRADE TV TRUCK		200,000									200,000	11
12 LINE LOCATOR	6,500										6,500	12
	34,500	302,000	18,000	40,500	98,000	46,000	153,000	33,000	18,000	36,000	779,000	

SEWER PUMPS

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 SECURITY MEASURES	26,500	10,000	10,000	10,000	10,000						66,500	1
2 PUMP REBUILDING	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000			400,000	2
3 REPLACE BIJOU PUMP #2		17,000									17,000	3
4 SAN MORITZ SEWER PS #1 NEW PUMP/MOTOR		26,000									26,000	4
5 SAN MORITZ SEWER PS #2 NEW PUMP/MOTOR			28,000								28,000	5
6 PIONEER VILLAGE SEWER PUMP NEW #1 PUMP/MOTOR		15,000									15,000	6
7 PIONEER VILLAGE SEWER PUMP NEW #2 PUMP/MOTOR			17,000								17,000	7
8 REPLACE PUMP #1 TROUT CREEK SPS						30,000					30,000	8
9 REPLACE PUMP #2 TROUT CREEK SPS						30,000					30,000	9
10 REPLACE BELLEVUE #1 PUMP											0	10
11 CONFINED SPACE RESCUE TRAILER/EQUIPMENT											0	11
12 AL TAHOE PS SPARE PUMP											0	12
13 LUTHER PASS FIRE PUMP											0	13
14 BELLEVUE #2 PUMP/MOTOR	25,000										25,000	14
15 REPLACE TALLAC #1 PUMP/MOTOR	25,000										25,000	15
	126,500	118,000	105,000	60,000	60,000	110,000	50,000	50,000	0	0	679,500	

SEWER ELECTRICAL

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 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 CATHODIC PROTECTION EQUIPMENT			5,000				5,000				10,000	2
3 REPLACE SEWER PUMP STATION VFD	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000	3
4 PLANT SECONDARY/FINAL EFFLUENT PS MOTOR REBUILDS	40,000	20,000	20,000								80,000	4
5 PUMP STATION PLC'S	5,000					5,000			5,000		15,000	5
6 WWTP FIRE ALARM STANDARDIZATION											0	6
7 REPLACE BASE VOICE RADIO AND VOICE HANDSETS AT WWTP											0	7
8 GAUGE COMPACTOR / PRESSURE CALIBRATOR	5,200										5,200	8
	130,200	100,000	105,000	80,000	80,000	85,000	85,000	80,000	85,000	80,000	910,200	

SEWER HEAVY MAINTENANCE

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 REPLACE LINERS FOR SLUDGE AUGERS		20,000	20,000			20,000					60,000	1
2 REBUILD CENTRIFUGES	50,000		50,000	50,000							150,000	2
3 REBUILD SLUDGE PUMPS (BIOSOLIDS BLDG.)	12,000	12,000	12,000	12,000	12,000	12,000					72,000	3
4 REPLACE ROLL-UP DOOR	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000		108,000	4
5 REPLACE TOOLS: PORTABLE/TIG WELDER											0	5
6 REPLACE PLANT AIR COMPRESSOR						3,000	3,000				6,000	6
7 REPLACE A- LINE SURGE AIR COMPRESSOR	15,000			15,000			15,000				45,000	7
8 UTILITY VEHICLE (3)						16,000					16,000	8
9 BIO SCRUBBER MEDIA REPLACEMENT	20,000										20,000	9
10 MIST. ELIMINATOR MEDIA	20,000										20,000	10
11 FINAL/SECONDARY PUMP REBUILD (4)	20,000										20,000	11
12 #3 WATER PUMPS	20,000										20,000	12
13 PUMPS, BIOSOLIDS WASTE SITE PS											0	13
14 NEW FILTER VALVES	16,000										16,000	14
15 SOUTH ROAD GATE TO ENGINEERING	40,000										40,000	15
16 REPLACE SCUM PUMP	15,000										15,000	16
17 ERB REPAIRS	15,000	15,000							15,000		45,000	17
18 SHOP LATHE	30,000										30,000	18
19 REPLACE ROLL UP DOOR											0	19
20 REPLACE 10" FILTER VALVE	8,000										8,000	20
21 REBUILD SECONDARY PUMP											0	21
22 E.P. STATION ROOF	60,000										60,000	22
23 BIO SCRUBBER CHEM PUMPS	25,000									25,000	50,000	23
24 HVAC SOFTWARE UPGRADE										25,000	25,000	24
25 4" ENGINE DRIVE PUMP & HOSE										25,000	25,000	25
26 10" VALVE - FINAL VALVE DECK	8,000										8,000	26
27 16 B.W. SUPPLY	16,000										16,000	27
28 ERB REPAIR GUN	10,000										10,000	28
29 NEW SCUM PUMP	30,000										30,000	29
30 MOBILE OFFICE SPACE - TRAILER	100,000										100,000	30
	542,000	59,000	94,000	89,000	24,000	63,000	30,000	12,000	27,000	75,000	1,015,000	

SEWER EQUIPMENT REPAIR - PAGE 1

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 REPLACE ENGINE/TRANSMISSION (TBD)	10,000		7,600		7,800						25,400	1
2 REPLACE GENERATORS	15,000	60,000									75,000	2
3 CARBON MONOXIDE REMOVAL SYSTEM											0	3
4 REPLACE GENERATOR FALLEN LEAF LAKE MAIN STATION											0	4
5 NEW 8" GODWIN PUMP, PUMPS											0	5
	25,000	60,000	7,600	0	7,800	0	0	0	0	0	100,400	

SEWER EQUIPMENT REPAIR (VEHICLES) - PAGE 2

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
6] REPLACE U/R TRUCK #1			60,000								60,000	6
7] REPLACE U/R TRUCK #4 (2011)		60,000									60,000	7
8] REPLACE U/R TRUCK #52		27,000									27,000	8
9] REPLACE UR TRUCK #44		50,000									50,000	9
10] REPLACE PUMPS TRUCK #59 (2010)											0	10
11] REPLACE PUMPS TRUCK #36 (2004 VACUUM)		150,000									150,000	11
12] REPLACE SNOWCAT	200,000										200,000	12
13] REPLACE PUMPS TRUCK #16											0	13
14] REPLACE ELECTRIC SHOP TRUCK #51(2011)			35,000								35,000	14
15] REPLACE ELECTRIC SHOP TRUCK #28 (2001)		40,000									40,000	15
16] REPLACE ELECTRIC SHOP TRUCK #2 (1997)	17,000										17,000	16
17] REPLACE ELECTRIC SHOP TRUCK #21 (2002)		45,000									45,000	17
18] REPLACE H/M WELDING TRUCK #19 (2008)	17,000										17,000	18
19] REPLACE H/M ONE TON TRUCK #14 (2002)											0	19
20] HEAVY MAINT. ARTICULATING MANLIFT (2006)		100,000									100,000	20
21] REPLACE EQUIP. REPAIR TRUCK #11 (2008)		45,000									45,000	21
22] REPLACE OPS TRUCK #74 (2007)		35,000									35,000	22
23] REPLACE OPS #66 WITH BOBCAT											0	23
24] REPLACE LAB TRUCK #49 (2011)		30,000									30,000	24
25] REPLACE WATER REUSE TRUCK #50 (2006)		45,000									45,000	25
26] REPLACE WATER REUSE UTILITY VEHICLE (2005)											0	26
27] REPLACE WATER REUSE. DUMP TRUCK #56 (2009)		80,000									80,000	27
28] REPLACE WATER REUSE BACKHOE #29 (2004)											0	28
29] REPLACE ENGINEERING VEHICLE #76 (2004)											0	29
30] REPLACE INSPECTIONS TRUCK #62											0	30
31] NEW ENGINEERING VEHICLE (HYBRID)											0	31
32] REPLACE #81 SKID STEER	150,000										150,000	32
33] ELECTRICAL BOOM LIFT TRUCK	150,000										150,000	33
		534,000	707,000	95,000	0	0	0	0	0	0	1,336,000	
TOTAL		559,000	767,000	102,600	0	7,800	0	0	0	0	1,436,400	

SEWER OPERATIONS

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 OTHER PLANT IMPROVEMENTS		77,600	79,900	82,300	84,800	87,350	90,000	92,700	95,500	98,400	788,550	1
2 REPLACE CHEMICAL STORAGE TANKS (5)	25,000	25,000	25,000	25,000	25,000						125,000	2
3 REPLACE POLYMER PUMP	40,000										40,000	3
4 REPLACE HYPO PUMPS											0	4
5 REPLACE AERATION BASIN WATERLINE	100,000										100,000	5
6 EPA SPILL CONTROL & COUNTERMEASURE PLAN REVIEW				17,000					17,000		34,000	6
7 SNOWBLOWER		3,200		3,300		3,400		3,500			13,400	7
8 REPLACE H2S METER				12,000							12,000	8
9 30 INCH ERB VALVE	20,000										20,000	9
10 RETURNED ACTIVATED SLUDGE LINE REHAB	67,000										67,000	10
11 AB #1 D.O. INSTRUMENTATION											0	11
12 10 INCH #3 WATER METER	5,000										5,000	12
13 4" Portable Pump	60,000										60,000	13
	317,000	105,800	104,900	139,600	109,800	90,750	90,000	96,200	112,500	98,400	1,264,950	

SEWER LABORATORY

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 REPLACE FINAL SAMPLER						10,000					10,000	1
2 REPLACE SECONDARY SAMPLER					10,000						10,000	2
3 REPLACE PRIMARY SAMPLER					10,000						10,000	3
4 REPLACE HYDROLAB DATA SONDE			20,000								20,000	4
5 REPLACE RAW SAMPLER	10,000										10,000	5
6 REPLACE AMPEROMETRIC C12 TITRATOR				6,000							6,000	6
7 REPLACE LAB FIELD METERS (3)		10,000				10,000					20,000	7
8 REPLACE SAMPLE THREE-DOOR REFRIGERATOR	10,000										10,000	8
9 REPLACE ION CHROMATOGRAPH					80,000						80,000	9
10 QUANTI-TRAY SEALER			5,000								5,000	10
11 REPLACE GEOTECH PUMP CONTROLLER				5,000							5,000	11
12 BOD REFRIDGERATOR							10,000				10,000	12
13 REPLACE DISCREET ANALYZER											0	13
	20,000	10,000	25,000	11,000	100,000	20,000	10,000	0	0	0	196,000	

SEWER BOARD OF DIRECTORS

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 REPLACE BOARDROOM COMPONENTS	5,000		75,000								80,000	1
2 SECURITY MEASURES											0	2
	5,000	0	75,000	0	0	0	0	0	0	0	80,000	

SEWER ADMINISTRATION

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 REPLACE COPIER			19,000				19,000				38,000	1
	0	0	19,000	0	0	0	19,000	0	0	0	38,000	

SEWER HUMAN RESOURCES

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 REPLACE COPIER	15,000					15,000					30,000	1
2 REPLACE AED'S (SIX UNITS)							10,000				10,000	2
	15,000	0	0	0	0	15,000	10,000	0	0	0	40,000	

SEWER WATER REUSE

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 FENCING DIAMOND VALLEY RANCH											0	1
2 UNDESIGNATED PROJECTS		34,700	35,800	36,900	38,000	39,100	40,300	41,500			266,300	2
3 PAVING/SEALING ROADS				10,000							10,000	3
4 NUTRIENT MANAGEMENT PLAN		50,000									50,000	4
5 MINE REVEG											0	5
6 SNOWSHOE THOMPSON II 200 LF DITCH PIPING	15,000										15,000	6
7 ALFALFA FIELD REHABILITATION						30,000					30,000	7
	15,000	84,700	35,800	46,900	38,000	69,100	40,300	41,500	0	0	371,300	

SEWER ENGINEERING - PAGE 1

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 WATER REUSE DIAMOND DITCH REHAB/IRRIGATION IMPROVEMENTS		518,000	1,066,000								1,584,000	1
2 WATER REUSE ROADS (PHASES 1 AND 2)	54,000	164,000	169,000	58,000	60,000	62,000	64,000	66,000	68,000	70,000	835,000	2
3 WATER REUSE - HAY BARN											0	3
4 WATER REUSE DRESSLER DITCH EROSION CONTROL											0	4
5 DVR DATA COLLECTION IMPROVEMENTS	52,000		110,000	113,000							275,000	5
6 SEWER REPAIR UNPLANNED REPAIRS	500,000										500,000	6
7 SEWER FORCE MAIN ASSET MANAGEMENT						525,000	125,000	129,000	133,000	137,000	1,049,000	7
8 FM SHORELINE RESTORATION	155,000										155,000	8
9 FM INSPECTION PORTS - BIJ/JN							244,000	503,000	259,000		1,006,000	9
10 FM ARV REPLACEMENT	94,000	290,000	200,000								584,000	10
11 FORCE MAIN ARV REPLACEMENT PROJECT(TAHOE KEYS,UTPS)											0	11
12 GRAVITY SEWER REPL PROGRAM (CIPP)											0	12
13 GRAVITY SEWER REPLACEMENT PROGRAM (1.1 MI/YR)									3,392,000	3,493,000	6,885,000	13
14 TALLAC CREEK SEWER CROSSING											0	14
15 KEYS CIPP PROJECT	706,000	1,453,000									2,159,000	15
16 HERBERT WALKUP REPLACEMENT	620,000	1,277,000									1,897,000	16
17 BALDWIN BEACH GRAVITY REHAB/REPLACEMENT (2,200 FT)	52,000	504,000	1,037,000								1,593,000	17
18 BAL BIJOU ROAD GRAVITY MAIN CIPP (1A)							263,000	542,000			805,000	18
19 SEWER REPLACEMENT 89 AND 5TH				180,000	185,000						365,000	19
20 UPPER TRUCKEE RIVER GRAVITY MAIN CIPP (1B)	52,000		212,000	436,000							700,000	20
21 SKI RUN BLVD. GRAVITY MAIN REPLACEMENT (1C)						1,111,000	2,289,000				3,400,000	21
22 SHOP STREET GRAVITY MAIN REPLACEMENT (2C)		54,000		333,000	684,000						1,071,000	22
23 MONTGOMERY ESTATES CIPP PHASE 1 (6,600 LF)	52,000	307,000	631,000								990,000	23
24 MONTGOMERY ESTATES CIPP PHASE 2 (6,600 LF)							396,000	816,000			1,212,000	24
25 HWY 50 - SKI RUN TO PT GM REPLACEMENT	155,000			2,266,000	4,667,000						7,088,000	25
26 HOPI AREA #1				34,000	633,000	1,304,000					1,971,000	26
27 HOPI AREA #2				34,000		503,000					537,000	27
28 FREMONT/HWY 50 GM IMPROVEMENT		32,000	267,000	550,000							849,000	28
29 GOLDEN BEAR							135,000	277,000			412,000	29
30 LAKE CHRISTOPHER GRAVITY MAIN REPLACEMENT							1,690,000	3,480,000			5,170,000	30
31 SEWER SYSTEM ACCESS IMPROVEMENTS		160,000	168,000	346,000							674,000	31
32 FIELD COMMUNICATION UPGRADES PHASE 2											0	32
33 FIELD COMMUNICATION UPGRADES PHASE 3	160,000										160,000	33
34 SEWER PUMP STATION MONITORING PROGRAM		194,000	200,000	206,000	212,000	218,000	225,000	232,000	239,000	246,000	1,972,000	34
35 TAHOE KEYS PUMP STATION REHABILITATION											0	35
36 UPPER TRUCKEE PUMP STATION REHABILITATION	2,297,000	849,000									3,146,000	36
37 BIJOU PUMP STATION REHABILITATION	515,000	1,732,000	3,568,000	1,838,000							7,653,000	37
38 JOHNSON PUMP STATION REHABILITATION		174,000		468,000	964,000						1,606,000	38
39 AL TAHOE PUMP STATION REHABILITATION			239,000		1,265,000	2,606,000					4,110,000	39
40 LPPS TANK COATING AND CATHODIC PROTECTION	740,000										740,000	40
41 LPPS FUEL TANK ROOF											0	41
42 LPPS PUMP EFFICIENCY MONITORING/POWER/CONTROL UPGRADE											0	42
43 LPPS FIRE PUMP CONTROL IMPROVEMENT											0	43
44 WET WELL IMPROVEMENTS, COATING, REPAIRS			239,000	492,000							731,000	44
	6,204,000	7,708,000	8,106,000	7,354,000	8,670,000	6,329,000	5,168,000	5,766,000	4,633,000	3,946,000	63,884,000	

SEWER ENGINEERING - PAGE 2

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
45 BELLEVUE PUMP STATION IMPROVEMENTS		239,000		357,000	735,000						1,331,000	45
46 POPE BEACH #1 PUMP STATION IMPROVEMENTS			112,000	231,000							343,000	46
47 POPE BEACH #2 PUMP STATION IMPROVEMENTS			106,000	217,000							323,000	47
48 PIONEER VILLAGE PUMP STATION		57,000		265,000	544,000						866,000	48
49 KIVA PS				62,000		204,000	420,000				686,000	49
50 BALDWIN BEACH PUMP STATION	57,000	306,000	630,000								993,000	50
51 SAN MORITZ PS					64,000		736,000	1,515,000			2,315,000	51
52 TROUT CK PUMP STATION IMPROVEMENTS						66,000		277,000	571,000		914,000	52
53 CAMP RICH PS							68,000		339,000	698,000	1,105,000	53
54 TAYLOR CK			60,000		342,000	703,000					1,105,000	54
55 BEECHER PUMP STATION								64,000		140,000	204,000	55
56 FLL ES1-3 & STANFORD CAMP REHAB	54,000	166,000	342,000								562,000	56
57 WWTP EMERGENCY GENERATOR											0	57
58 WWTP UG PIPING ACCESS IMPROVEMENT/MASTER PLAN											0	58
59 BREAKPOINT CHAMBER MODIFICATION											0	59
60 EMERGENCY PS REHAB											0	60
61 SECONDARY CLARIFIER 1 REHAB	742,000	1,235,000									1,977,000	61
62 SECONDARY CLARIFIER 2 REHAB	937,000										937,000	62
63 SECONDARY CLARIFIER 3 REHAB											0	63
64 PLANT PAVING (CENTER ROAD)			123,000	254,000							377,000	64
65 LOWER, FOUNTAIN SHOPS IMPROVEMENTS (3)		338,000			818,000	1,305,000	1,344,000	693,000			4,498,000	65
66 SHINGLE REMOVAL PROJECT				174,000	180,000						354,000	66
67 WWTP BALLAST PONDS	124,000	164,000		634,000	1,305,000						2,227,000	67
68 BLOWER SYSTEM IMPROVEMENTS	1,052,000	2,166,000	1,116,000								4,334,000	68
69 AIR HEADER PROJECT						246,000	1,628,000	3,352,000			5,226,000	69
70 FILTERS 1,2 REHAB	883,000										883,000	70
71 MIXED LIQUOR SPLITTER BOX, GATES, WEIR, COATINGS			133,000	273,000							406,000	71
72 EMERGENCY PS IMPROVEMENTS, CONCRETE REHAB			64,000	132,000							196,000	72
73 AB SPLITTER BOX			54,000	110,000							164,000	73
74 PRIMARY EFFLUENT SPLITTER BOX			32,000	66,000							98,000	74
75 RAS BUILDING REHABILITATION (3)	164,000		891,000	1,835,000							2,890,000	75
76 PLANT ELECTRICAL UPGRADES	110,000	421,000	663,000							251,000	1,445,000	76
77 FILTERS 3,4 REHAB							1,267,000				1,267,000	77
78 BIO BUILDING ODOR CONTROL		60,000									60,000	78
79 PLANT PAVING (SOUTH ROAD)				155,000	319,000						474,000	79
80 PLANT PAVING (NORTH ROAD)								143,000	294,000		437,000	80
81 ERB LINER								497,000	1,024,000		1,521,000	81
82 WWTP BACKWASH TANK COATING											0	82
83 WWTP SOLIDS TANK COATING											0	83
84 TANKS ASSET MANAGEMENT PROGRAM				82,000	42,000	44,000		92,000	48,000	49,000	357,000	84
85 WWTP ELECTRICAL SUBMETERING	38,000	78,000									116,000	85
86 OPS AND SERVER ROOM HVAC UPGRADES											0	86
87 BIO BUILDING HVAC UPGRADES											0	87
88 SCADA HISTORIAN UPGRADES	155,000										155,000	88
89 SRT CONTROLLER FOR SECONDARY SYSTEM											0	89
90 ENGINEERING OFFICES UPGRADE	206,000										206,000	90
91 ENGINEERING OFFICES REMODEL											0	91
92 PUMP TESTING EQUIPMENT											0	92
93 ENGINEERING COPIER											0	93
94 WWTP SOLAR								3,083,000			3,083,000	94
95 CENTRIFUGE #1 REPLACEMENT				57,000		660,000					717,000	95
96 CENTRIFUGE #2 REPLACEMENT				57,000						742,000	799,000	96
	4,522,000	5,230,000	4,326,000	5,779,000	4,836,000	3,267,000	4,812,000	9,023,000	2,276,000	1,880,000	45,951,000	
TOTAL	10,726,000	12,938,000	12,432,000	13,133,000	13,506,000	9,596,000	9,980,000	14,789,000	6,909,000	5,826,000	109,835,000	

SEWER INFORMATION TECHNOLOGY

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 VIRTUAL SERVER/HOST		20,000		20,000		20,000		20,000			80,000	1
2 BACKUP POWER - SERVER ROOM		8,000		8,000		8,000		8,000			32,000	2
3 NETWORKING EQUIP./IMPROVEMENTS		15,000		15,000		15,000		15,000			60,000	3
4 NETWORKING EQUIP./IMPROVEMENTS - SCADA	50,000		15,000		15,000	11,000	15,000		15,000		121,000	4
5 TELEPHONE SYSTEM UPGRADES			80,000						80,000		160,000	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		30,000	7
8 REPLACE DOMAIN CONTROLLER				10,000					10,000		20,000	8
9 REPLACE PRESENTATION EQUIPMENT	20,000					15,000					35,000	9
10 MICROSOFT OFFICE UPGRADES		50,000							50,000		100,000	10
11 STRATEGIC PLAN IMPLEMENTATION	20,000			20,000			20,000				60,000	11
12 REPLACE SCADA APP SERVER 1		20,000				20,000					40,000	12
13 STRATEGIC PLAN UPDATE				40,000					40,000		80,000	13
14 BACKUP POWER - DVR SERVER ROOM			6,000				6,000				12,000	14
15 BACKUP SERVER REPLACEMENT				50,000					250,000		300,000	15
16 ANTIVIRUS REPLACEMENT											0	16
17 ACCESS CONTROL/SURVEILLANCE	100,000		50,000		50,000		50,000		100,000		350,000	17
18 ERP MIGRATION/ENHANCEMENTS	10,000										10,000	18
19 IT SECURITY PROJECT	50,000										50,000	19
20 RADIO SYSTEM UPGRADES	360,000										360,000	20
	610,000	113,000	171,000	163,000	65,000	109,000	91,000	103,000	505,000	0	1,930,000	

SEWER CUSTOMER SERVICE

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 REPLACE COPIER/PRINTER/FAX		18,000									18,000	1
2 CUSTOMER SERVICE REMODEL - SAFETY ENHANCEMENTS											0	2
	0	18,000	0	0	0	0	0	0	0	0	0	18,000

SEWER INSPECTIONS

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 REPLACE DIGITAL LOCATING EQUIP. (2)						7,500					7,500	1
2 TOKAY SOFTWARE UPGRADE											0	2
	0	0	0	0	0	7,500	0	0	0	0	7,500	

SEWER FINANCE

USE OR BENEFIT
EXPLANATION

23-24 24-25 25-26 26-27 27-28 28-29 29-30 30-31 31-32 32-33 TOTALS
BUDGET BUDGET BUDGET BUDGET BUDGET BUDGET BUDGET BUDGET BUDGET BUDGET BUDGET

1	REPLACE PRINTER/COPIER/FAX MACHINE		20,000					20,000				40,000	1
2	REPLACE ERP SYSTEM											0	2
		0	20,000	0	0	0	0	20,000	0	0	0	40,000	

SEWER ACCOUNTING

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS
											0
	0	0	0	0	0	0	0	0	0	0	0

SEWER PURCHASING

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS
											0
	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										
	2023/24 FORECAST	2023/24 FORECAST	2024/25 FORECAST	2024/25 FORECAST	2025/26 FORECAST	2025/26 FORECAST	2026/27 FORECAST	2026/27 FORECAST	2027/28 FORECAST	2027/28 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	2,475,203	5,666,512	3,017,085	6,852,462	3,079,879	7,097,948	3,036,334	8,468,282	3,110,951	9,130,396
REVENUES (1)	22,354,687	1,802,240	21,441,012	1,802,240	21,471,000	1,802,240	23,391,000	1,802,240	25,481,000	1,802,240
BORROWINGS		5,486,365		5,543,852		5,585,000		8,183,000		10,542,000
AVAILABLE FUNDS	24,829,890	12,955,117	24,458,097	14,198,554	24,550,879	14,485,188	26,427,334	18,453,522	28,591,951	21,474,636
SALARIES (2)	4,658,626	1,167,878	5,035,385	1,260,914	5,186,446	1,298,742	5,342,040	1,337,704	5,502,301	1,377,835
BENEFITS (2)	2,332,819	458,010	2,519,604	494,350	2,595,192	509,181	2,673,047	524,456	2,753,239	540,190
OPERATIONS & MAINTENANCE (2)	7,165,684	551,494	6,808,498	562,524	5,644,668	573,774	5,716,211	585,250	5,830,535	596,955
CAPITAL OUTLAY		9,822,000		10,008,600		9,322,500		13,973,800		13,567,000
DEBT SERVICE (2)	582,000	1,186,000	592,000	1,206,000	822,000	1,588,000	867,000	1,620,000	1,514,000	2,252,000
TOTAL CASH OUTLAYS	14,739,129	13,185,382	14,955,486	13,532,389	14,248,306	13,292,197	14,598,298	18,041,210	15,600,075	18,333,980
BALANCE BEFORE TRANSFERS	10,090,761	-230,265	9,502,611	666,165	10,302,573	1,192,991	11,829,036	412,312	12,991,876	3,140,656
CAPITAL OUTLAY FUND TRANSFERS	-7,082,727	7,082,727	-6,431,783	6,431,783	-7,275,291	7,275,291	-8,718,084	8,718,084	-9,597,367	9,597,367
ACCRUAL TO CASH ADJUSTMENT	9,051	0	9,051	0	9,051	0	0	0	0	0
RATE STABILIZATION AND DEBT RESERVES		-2,297,850		-2,520,600		-3,686,400		-4,043,800		-4,435,800
OPERATING AND CAPITAL OUTLAY RESERVES (3)	3,017,085	4,554,612	3,079,879	4,577,348	3,036,334	4,781,882	3,110,951	5,086,596	3,394,509	8,302,224
DEBT PAYMENT RESERVE FUND		1,082,239		2,154,006		2,154,006		2,532,083		3,284,624
RATE STABILIZATION RESERVE (4)		1,215,611		366,594		1,532,394		1,511,717		1,151,176
TOTAL RESERVE BALANCES	3,017,085	6,852,462	3,079,879	7,097,948	3,036,334	8,468,282	3,110,951	9,130,396	3,394,509	12,738,024
AMORTIZATION (NON-CASH ITEM)	9,149		9,149		9,149		9,149		9,149	
DEPRECIATION (NON-CASH ITEM)	4,348,000		4,434,000		4,522,000		4,612,000		4,704,000	

ASSUMPTIONS:

(1) REVENUES

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

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

Service charge rates increase 9.5% years 1 - 6; 6% 7 - 10.

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.

Water fund receives 30% of prop tax in year's 1 - 6, 50% years 7 - 10.

(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 2024/25 due to potential tax and PERS/health insurance increases.

Salaries include a 3% escalator beginning 2024/25 to account for standard step increases and other potential adjustments.

Ten Year CIP plan in the amount of \$121.7 million (Includes all departments)

Debt Service includes principle and interest payments on current debt as well as an additional \$56.0M million over the ten year forecast.

\$150,000 contingency reserve for all years.

SOUTH TAHOE PUBLIC UTILITY DISTRICT

WATER TEN-YEAR FINANCIAL PLAN (CONTINUED)										
	2028/29 FORECAST	2028/29 FORECAST	2029/30 FORECAST	2029/30 FORECAST	2030/31 FORECAST	2030/31 FORECAST	2031/32 FORECAST	2031/32 FORECAST	2032/33 FORECAST	2032/33 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	3,394,509	12,738,024	3,562,802	16,513,659	3,695,549	17,747,190	3,691,639	22,153,007	3,769,960	22,145,167
REVENUES (1)	27,792,000	1,802,240	32,113,333	1,802,240	33,926,000	1,802,240	35,869,000	1,802,240	37,876,000	1,802,240
BORROWINGS		7,499,000		1,503,000		3,058,000				
AVAILABLE FUNDS	31,186,509	22,039,264	35,676,135	19,818,899	37,621,549	22,607,430	39,560,639	23,955,247	41,645,960	23,947,407
SALARIES (2)	5,667,370	1,419,170	5,837,391	1,461,745	6,012,513	1,505,598	6,192,888	1,550,766	6,378,675	1,597,289
BENEFITS (2)	2,835,836	556,396	2,920,911	573,087	3,008,538	590,280	3,098,795	607,989	3,191,758	626,228
OPERATIONS & MAINTENANCE (2)	5,947,146	608,894	6,066,089	621,072	6,187,411	633,493	6,311,159	646,163	6,437,382	659,086
CAPITAL OUTLAY		11,772,500		11,879,000		12,234,500		14,981,000		14,099,000
DEBT SERVICE (2)	1,796,000	2,546,000	1,933,000	2,760,000	1,856,000	2,356,000	1,787,000	2,425,000	1,716,000	2,448,000
TOTAL CASH OUTLAYS	16,246,352	16,902,960	16,757,391	17,294,905	17,064,462	17,319,871	17,389,842	20,210,917	17,723,815	19,429,603
BALANCE BEFORE TRANSFERS	14,940,157	5,136,304	18,918,744	2,523,995	20,557,087	5,287,559	22,170,797	3,744,330	23,922,145	4,517,804
CAPITAL OUTLAY FUND TRANSFERS	-11,377,355	11,377,355	-15,223,195	15,223,195	-16,865,449	16,865,449	-18,400,837	18,400,837	-20,079,742	20,079,742
ACCRUAL TO CASH ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
RATE STABILIZATION AND DEBT RESERVES		-4,865,000		-5,164,400		-5,481,800		-5,818,200		-6,174,800
OPERATING AND CAPITAL OUTLAY RESERVES (3)	3,562,802	11,648,659	3,695,549	12,582,790	3,691,639	16,671,207	3,769,960	16,326,967	3,842,403	18,422,746
DEBT PAYMENT RESERVE FUND		3,861,195		4,211,827		4,211,827		4,211,827		4,211,827
RATE STABILIZATION RESERVE (4)		1,003,805		952,573		1,269,973		1,606,373		1,962,973
TOTAL RESERVE BALANCES	3,562,802	16,513,659	3,695,549	17,747,190	3,691,639	22,153,007	3,769,960	22,145,167	3,842,403	24,597,546
AMORTIZATION (NON-CASH ITEM)	9,149		9,149		9,149		9,149		9,149	
DEPRECIATION (NON-CASH ITEM)	4,798,000		4,893,000		4,990,000		5,089,000		5,190,000	

(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 15% of water service charge revenue is established to provide a rate stabilization and debt reserve fund. Reserve increases to 20% in 2025/26 to cover growing debt reserve.

RESULTS:

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

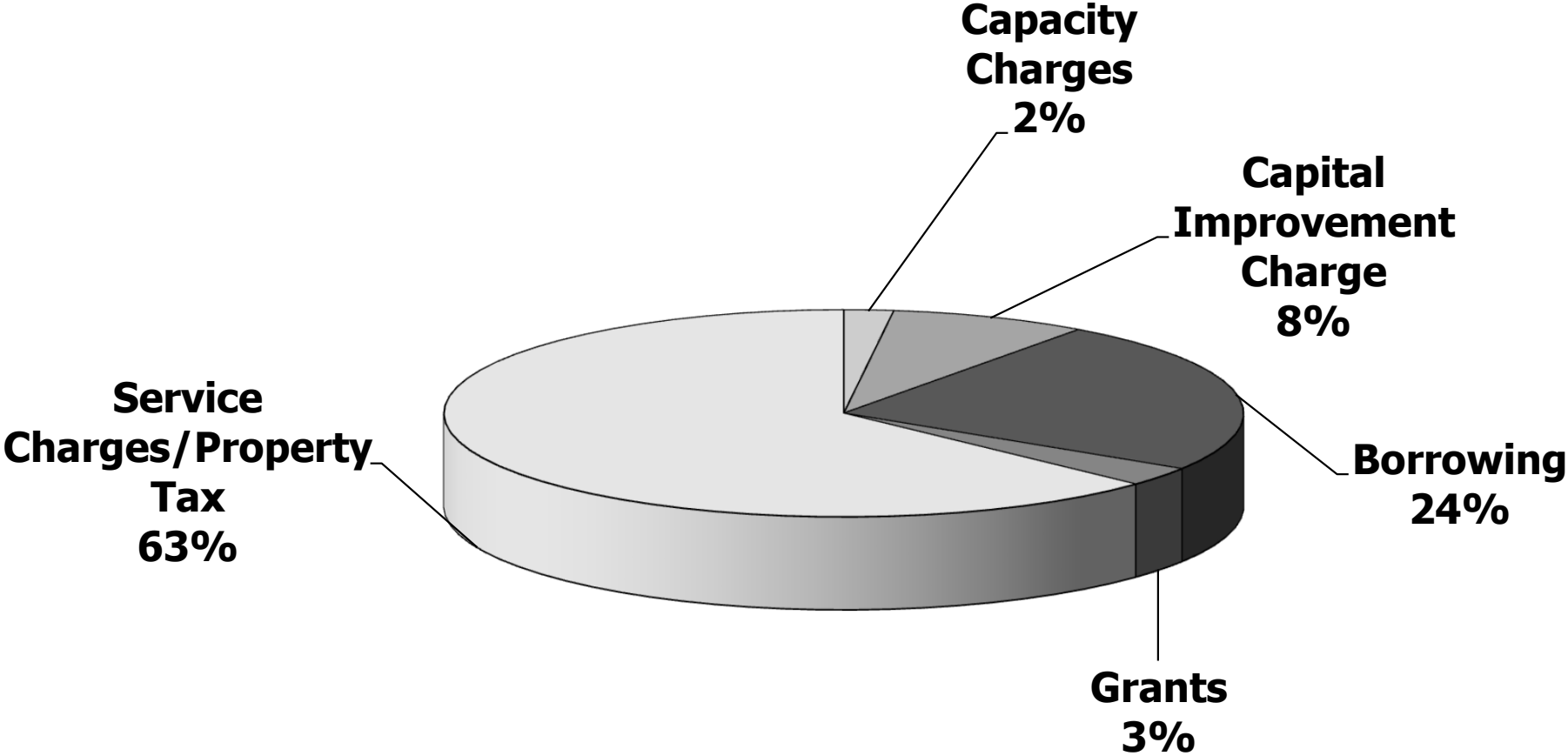
Operating revenue covers operating expenses at all times.

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

Capital Improvement Program is greater than 100% of depreciation

WATER ENTERPRISE FUND

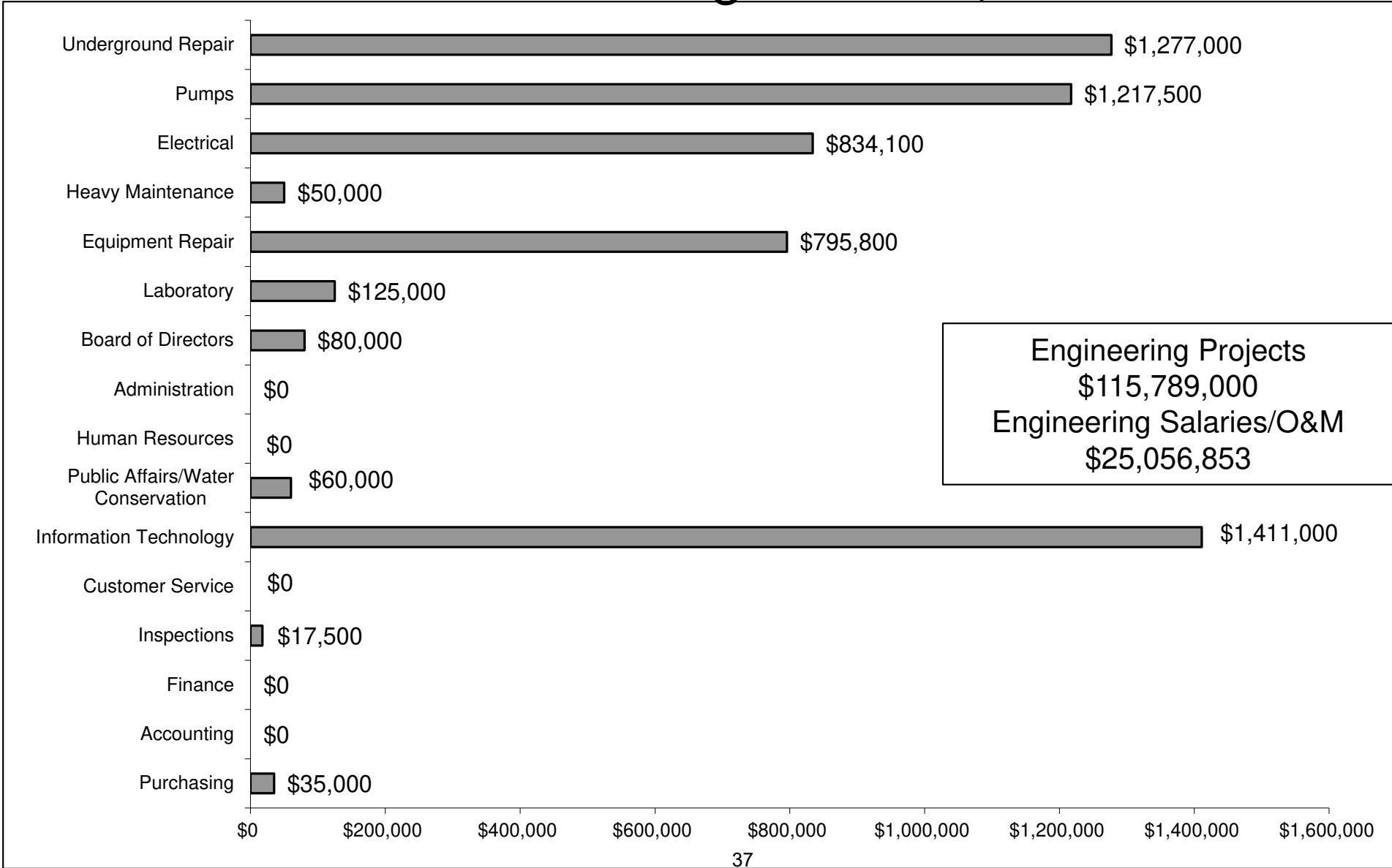
Funding Sources for Capital Projects Fund



WATER ENTERPRISE FUND CAPITAL PROJECTS

Ten Years Ending June 30, 2033

All Other
Departments



WATER

TEN-YEAR CAPITAL PLAN

BY DEPARTMENT

and

BY PROJECT

WATER TOTALS

DEPARTMENT	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS
UNDERGROUND REPAIR	142,000	126,000	109,000	105,000	151,000	139,000	119,000	118,000	160,000	108,000	1,277,000
PUMPS	420,500	100,000	60,000	197,000	60,000	60,000	60,000	60,000	190,000	10,000	1,217,500
ELECTRICAL	90,100	89,000	80,000	85,000	80,000	85,000	80,000	80,000	85,000	80,000	834,100
HEAVY MAINTENANCE	20,000	0	0	10,000	0	10,000	0	10,000	0	0	50,000
EQUIPMENT REPAIR	212,400	267,600	80,000	7,800	0	228,000	0	0	0	0	795,800
LABORATORY	40,000	10,000	0	5,000	15,000	40,000	15,000	0	0	0	125,000
BOARD OF DIRECTORS	0	5,000	75,000	0	0	0	0	0	0	0	80,000
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	60,000	0	0	0	0	0	0	0	0	0	60,000
ENGINEERING	8,361,000	8,009,000	9,575,000	14,156,000	13,139,000	10,980,000	11,497,000	11,842,000	14,379,000	13,851,000	115,789,000
INFORMATION TECHNOLOGY	261,000	158,000	132,500	75,000	122,000	213,000	108,000	124,500	167,000	50,000	1,411,000
CUSTOMER SERVICE	0	0	0	0	0	0	0	0	0	0	0
INSPECTIONS	0	0	0	0	0	17,500	0	0	0	0	17,500
FINANCE	0	0	0	0	0	0	0	0	0	0	0
ACCOUNTING	0	0	0	0	0	0	0	0	0	0	0
PURCHASING	0	0	0	35,000	0	0	0	0	0	0	35,000
ENGINEERING STAFF & EXPENSES	2,185,722	2,251,294	2,318,832	2,388,397	2,460,049	2,533,851	2,609,866	2,688,162	2,768,807	2,851,871	25,056,853
	<u>11,792,722</u>	<u>11,015,894</u>	<u>12,430,332</u>	<u>17,064,197</u>	<u>16,027,049</u>	<u>14,306,351</u>	<u>14,488,866</u>	<u>14,922,662</u>	<u>17,749,807</u>	<u>16,950,871</u>	<u>146,748,753</u>
TOTAL SEWER/WATER PROJECTIONS	<u>28,044,410</u>	<u>28,845,926</u>	<u>29,008,001</u>	<u>34,216,277</u>	<u>33,606,401</u>	<u>28,113,175</u>	<u>28,770,505</u>	<u>33,941,801</u>	<u>29,335,179</u>	<u>27,113,009</u>	<u>300,994,682</u>

WATER UNDERGROUND REPAIR

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 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	1,000,000	1
2 REPLACE MOLE			9,000			10,000			12,000		31,000	2
3 REPLACE WACKER		5,000		5,000		5,000		5,000		8,000	28,000	3
4 REPLACE VACUUM ON VEHICLE #77					20,000				28,000		48,000	4
5 VACUUM FOR STANDBY TRUCK #61 (VALVE EXER. PROG.)	19,000						19,000				38,000	5
6 VALVE EXERCISE EQUIPMENT	15,000				18,000				20,000		53,000	6
7 LINE LOCATOR		6,500			6,500			6,500			19,500	7
8 LINE LOCATOR		6,500			6,500			6,500			19,500	8
9 LEAK LISTENING DEVICE	8,000	8,000				24,000					40,000	9
	<u>142,000</u>	<u>126,000</u>	<u>109,000</u>	<u>105,000</u>	<u>151,000</u>	<u>139,000</u>	<u>119,000</u>	<u>118,000</u>	<u>160,000</u>	<u>108,000</u>	<u>1,277,000</u>	

WATER PUMPS

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 SECURITY MEASURES	26,500	5,000		5,000							36,500	1
2 REPLACE ARROWHEAD WELL MEDIA	150,000			14,000							164,000	2
3 PUMP REBUILDS	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000			400,000	3
4 TANK CLEANING		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	90,000	4
5 NEW PUMP/MOTOR BOULDER MTN BOOSTER #2		17,000									17,000	5
6 REPLACE FLOWMETERS											0	6
7 NEW PUMP FOR FILTER PLANT #2	6,000										6,000	7
8 NEW PUMP/MOTOR FOR KELLER BOOSTER #1				18,000							18,000	8
9 NEW PUMP/MOTOR FOR KELLER BOOSTER #2		18,000									18,000	9
10 MEDIA REPLACEMENT AT ARROWHEAD WELL									180,000		180,000	10
11 FILTER PLANT PUMP #1											0	11
12 SUNSET WELL - NEW PUMP/MOTOR AND REHAB				100,000							100,000	12
13 S.U.T. SPARE BLOWER UNIT	12,000										12,000	13
14 REPLACE BOULDER MTN. BOOSTER #1	15,000										15,000	14
15 FLAGPOLE TANK #2 MIXER SYSTEM	11,000										11,000	15
16 FOREST MTN TANK MIXER SYSTEM	11,000										11,000	16
17 IROQUOIS TANK #1 MIXER SYSTEM	11,000										11,000	17
18 IROQUOIS TANK # MIXER SYSTEM	11,000										11,000	18
19 REPLACE ELKS CLUB WELL PUMP/MOTOR	80,000										80,000	19
20 S.U.T. EPOXY COATED PIPE	25,000										25,000	20
21 FLAGPOLE BOOSTER FLOW CONTROL VALVE	12,000										12,000	21
	420,500	100,000	60,000	197,000	60,000	60,000	60,000	60,000	60,000	190,000	10,000	1,217,500

WATER ELECTRICAL

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 REBUILD MOTORS	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	650,000	1
2 VFD,PRESSURE TRANSMITTER, ENCLOSURE FOR SUNSET WELL		9,000									9,000	2
3 VALHALLA VFD											0	3
4 PUMP STATION PLC'S	5,000			5,000		5,000			5,000		20,000	4
5 VFD REPLACEMENT	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000	5
6 FLUKE DIGITAL OSCILLOSCOPE	5,100										5,100	6
	<u>90,100</u>	<u>89,000</u>	<u>80,000</u>	<u>85,000</u>	<u>80,000</u>	<u>85,000</u>	<u>80,000</u>	<u>80,000</u>	<u>80,000</u>	<u>85,000</u>	<u>80,000</u>	<u>834,100</u>

WATER EQUIPMENT REPAIR - PAGE 1

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 REPLACE GENERATOR SETS						50,000					50,000	1
2 REPLACE ENGINE/TRANSMISSION	7,400	7,600		7,800		8,000					30,800	2
3 EQUIPMENT REPAIR SHOP IMPROVEMENTS											0	3
4 REPLACE ENGINE/TRANSMISSION	10,000										10,000	4
	17,400	7,600	0	7,800	0	58,000	0	0	0	0	90,800	

WATER EQUIPMENT REPAIR (VEHICLES) - PAGE 2

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
5 REPLACE U/R WATER SERVICE TRUCK #77 (2001)	50,000										50,000	5
6 REPLACE U/R TRUCK #32 (2009)			45,000								45,000	6
7 REPLACE U/R FLATBED TRUCK #43 (1988)		40,000									40,000	7
8 REPLACE U/R BACKHOE #47 (2003)											0	8
9 REPLACE U/R TRUCK #61 (2011) INCLUDE SNOW PLOW AND VACUUM											0	9
10 REPLACE U/R TRUCK #25 (2000)						70,000					70,000	10
11 REPLACE U/R TRUCK #34						70,000					70,000	11
12 REPLACE U/R LOADER #22/#55		185,000									185,000	12
13 REPLACE U/R BACKHOE #48 (2006)	130,000										130,000	13
14 REPLACE U/R DUMP TRUCK #80 (2006)											0	14
15 REPLACE PUMPS TRUCK #46 (2011)											0	15
16 REPLACE PUMPS TRUCK #17 (2009)											0	16
17 REPLACE EQUIPMENT REPAIR TRUCK #33	15,000										15,000	17
18 REPLACE LAB TRUCK #82 (2006)						30,000					30,000	18
19 REPLACE ENG. TRUCK #37 (2002)											0	19
20 REPLACE INSPECTIONS TRUCK #64 (2013)			35,000								35,000	20
21 REPLACE PURCHASING VEHICLE #5 (1999)		35,000									35,000	21
22 NEW IT TRUCK											0	22
	195,000	260,000	80,000	0	0	170,000	0	0	0	0	705,000	
TOTAL	212,400	267,600	80,000	7,800	0	228,000	0	0	0	0	795,800	

WATER LABORATORY

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 REPLACE STERILIZING OVEN											0	1
2 REPLACE AUTOCLAVE (SMALL)		10,000									10,000	2
3 REPLACE pH METER					5,000						5,000	3
4 REPLACE AUTOCLAVE (LARGE)							10,000				10,000	4
5 REPLACE 20 LITER WATER BATH	5,000					5,000					10,000	5
6 LIMS COMPUTER SOFTWARE	35,000					35,000					70,000	6
7 LAB DESIGN EVALUATION											0	7
8 REPLACE BLOCK DIGESTER FOR METALS AND TOTAL P							5,000				5,000	8
9 REPLACE 18-MOHM WATER SYSTEM					10,000						10,000	9
10 REPLACE TURBIDIMETER				5,000							5,000	10
	40,000	10,000	0	5,000	15,000	40,000	15,000	0	0	0	125,000	

WATER BOARD OF DIRECTORS

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 REPLACE BOARDROOM COMPONENTS			75,000								75,000	1
2 REPLACE BOARDROOM AV EQUIPMENT		5,000									5,000	2
3 BOARDROOM AUDIO ENHANCEMENTS											0	3
4 SECURITY MEASURES											0	4
	0	5,000	75,000	0	0	0	0	0	0	0	80,000	

WATER ADMINISTRATION

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS
											0
	0	0	0	0	0	0	0	0	0	0	0

WATER HUMAN RESOURCES

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS
											0
	0	0	0	0	0	0	0	0	0	0	0

WATER PUBLIC AFFAIRS/WATER CONSERVATION

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 WATER CONSERVATION OFFICE UPGRADES	10,000										10,000	1
2 WEBSITE REDESIGN	50,000										50,000	2
	60,000	0	0	0	0	0	0	0	0	0	60,000	

WATER ENGINEERING - PAGE 1

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 WATER REPAIR UNPLANNED REPAIRS	500,000										500,000	1
2 HEAVENLY TANK COATING/IMPROVEMENTS	132,000										132,000	2
3 KELLER-HEAVENLY ZONE IMPROVEMENTS (3)	1,068,000										1,068,000	3
4 METERS - CLEANUP		707,000									707,000	4
5 METER COMBO'S											0	5
6 CATHODIC PROTECTION ON WATER SERVICES (PHASE 1)	54,000	516,000									570,000	6
7 ROCKY POINT #1 WATERLINE											0	7
8 REPLACE SUSQUEHANNA PRV											0	8
9 REPLACE PRICE ROAD PRV											0	9
10 CORNELIAN WATERLINE INSTALLATION											0	10
11 VALVE AND FIRE HYDRANT REPLACEMENTS	360,000	371,000	382,000	393,000	405,000	417,000	430,000	442,000	456,000	469,000	4,125,000	11
12 AMI TOWER REPLACEMENT		29,000	60,000	62,000	32,000						183,000	12
13 FUTURE HYDRANTS			359,000	739,000							1,098,000	13
14 BOWERS WATERLINE											0	14
15 BIJOU #2 AND #3 WATERLINE											0	15
16 BLACK BART #1 AND #2 WATERLINE	2,669,000										2,669,000	16
17 HAM LANE WATERLINE											0	17
18 GLENWOOD RANCHO WATERLINE				1,634,000	3,365,000						4,999,000	18
19 HERBERT WALKUP WATERLINE	1,389,000	2,649,000									4,038,000	19
20 LTB WATERLINE		1,008,000	2,077,000								3,085,000	20
21 ANGORA CREEK WATERLINE							1,503,000	3,058,000			4,561,000	21
22 CLEARVIEW MT MEADOW WATERLINE								1,381,000	2,805,000		4,186,000	22
23 TAHOE MTN WL					660,000	1,322,000					1,982,000	23
24 PARK AVE #1 WL			292,000	601,000							893,000	24
25 APACHE AVENUE WATERLINE IMPROVEMENTS		557,000									557,000	25
26 BIJOU #1 WATERLINE			757,000	1,559,000							2,316,000	26
27 GARDNER MOUNTAIN #2 WATERLINE				564,000	1,162,000						1,726,000	27
28 GARDNER MOUNTAIN #4 WATERLINE				573,000	1,180,000						1,753,000	28
29 WILDWOOD #3 WATERLINE					730,000	1,504,000					2,234,000	29
30 WILDWOOD #5 (+PRV) WATERLINE					586,000	1,208,000					1,794,000	30
31 SIERRA TRACT #2 WATERLINE						773,000	1,592,000				2,365,000	31
32 SIERRA TRACT PROJECT M WATERLINE						1,220,000	2,513,000				3,733,000	32
33 PALMIRA WATERLINE REPLACEMENT						233,000	479,000				712,000	33
34 BIJOU #4						1,385,000	2,852,000				4,237,000	34
35 WILDWOOD #2							747,000	1,538,000			2,285,000	35
36 MEYERS #1						142,000	293,000				435,000	36
37 WILDWOOD #1							730,000	1,504,000			2,234,000	37
38 GARDNER MTN #3									790,000	1,626,000	2,416,000	38
39 GARDNER MTN #1									737,000	1,518,000	2,255,000	39
40 PIONEER TR WL IMPR. LARCH TO SKI RUN		261,000									261,000	40
41 SIERRA TRACT #5								796,000	1,640,000		2,436,000	41
42 SIERRA TRACT #4								939,000	1,934,000		2,873,000	42
43 SIERRA TRACT #1								1,103,000	2,271,000		3,374,000	43
44 PIONEER VILLAGE WATERLINE									907,000	1,868,000	2,775,000	44
45 NOTTAWAY ACOMA WATERLINE										991,000	991,000	45
46 PIONEER TRAIL WATERLINE - GOLDEN BEAR TO PINE VALLEY			1,746,000	3,596,000							5,342,000	46
47 REPLACE PT/MARSHALL AND PT/KOKANEE PRV			213,000	438,000							651,000	47
48 NEW PRV AT WASHOAN-NADOWA	247,000										247,000	48
49 NEW PRV AT JICARILLA/PT (SUSQUEHANNA ZONE)			205,000	422,000							627,000	49
50 UTR MEYERS WATERLINE RELIABILITY IMPROVEMENTS											0	50
SUBTOTAL	6,419,000	6,098,000	6,091,000	10,581,000	8,262,000	8,355,000	10,846,000	10,761,000	11,540,000	6,472,000	85,425,000	

WATER ENGINEERING - PAGE 2

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
51 REGINA/DONNER WATERLINE (+NP#5 PRV)	22,000	41,000	84,000								147,000	51
52 REPLACE NEEDLE PEAK #5 PRV	11,000	118,000	242,000								371,000	52
53 FIELD COMMUNICATION UPGRADES PHASE 2											0	53
54 FIELD COMMUNICATION UPGRADES PHASE 3	160,000										160,000	54
55 GENERATORS AT KELLER											0	55
56 GENERATORS AT PALOMA											0	56
57 UPPER MONTGOMERY/COLD CREEK BOOSTER		116,000		513,000	1,057,000						1,686,000	57
58 H STREET ZONE BOOSTER, FIRE PUMP		116,000		423,000	872,000						1,411,000	58
59 AL TAHOE WELL REHAB	229,000		341,000	702,000							1,272,000	59
60 AL TAHOE/BAYVIEW BACKUP POWER	266,000	635,000	1,307,000								2,208,000	60
61 TATA BOOSTER STATION AND TANK REPLACEMENT									1,347,000	2,774,000	4,121,000	61
62 DAVID LANE BOOSTER IMPROVEMENTS, GEN CONNECR					487,000	1,002,000					1,489,000	62
63 FLAGPOLE ZONE								378,000	777,000		1,155,000	63
64 LOWER COLD CREEK BOOSTER ELECTRICAL IMPROVEMENTS										538,000	538,000	64
65 PALOMA WELL REHABILITATION 2021											0	65
66 BAYVIEW WELL VFD & CONTROLS UPGRADE											0	66
67 ELKS CLUB WELL PUMP/MOTOR REPLACEMENT											0	67
68 BAKERSFIELD PUMP/MOTOR REPLACEMENT & MW INSTALL	383,000										383,000	68
69 AIRPORT WELL TREATMENT AND ELECTRICAL REPLACEMENT										3,315,000	3,315,000	69
70 SUT WELL MOTOR AND CASING	150,000										150,000	70
71 GLENWOOD WELL CASING REHAB		531,000									531,000	71
72 WATER BOOSTER STATION AND WELL MONITORING			523,000	539,000	131,000	135,000	139,000	143,000	147,000	152,000	1,909,000	72
73 TANKS BACKUP POWER											0	73
74 WATER EFF IMPROV.					364,000	750,000					1,114,000	74
75 WATER LOSS TRACKING (DMAS)				662,000	1,362,000						2,024,000	75
76 TANK COATINGS (STATELINE NO. 1)			244,000	503,000							747,000	76
77 TANK COATINGS (GARDNER NO. 1)				128,000	263,000						391,000	77
78 TANK COATINGS (STATELINE NO. 2)		294,000	605,000								899,000	78
79 TANK COATINGS (FLAGPOLE NO. 2)	172,000										172,000	79
80 TANK COATINGS (ARROWHEAD)					235,000	483,000					718,000	80
81 TANK COATINGS (IROQUOIS NO. 1)						143,000	294,000				437,000	81
82 TANK COATINGS (ANGORA)							146,000	299,000			445,000	82
83 TANK COATINGS (ECHO VIEW)	37,000							143,000	295,000		475,000	83
84 TANK COATINGS (FOREST MOUNTAIN)									151,000	310,000	461,000	84
85 TANK COATING (LOOKOUT)											0	85
86 TANK COATINGS (COUNTRY CLUB)										165,000	165,000	86
87 TANK COATINGS (IROQUOIS NO. 2)	156,000										156,000	87
88 TANK COATINGS (GARDNER NO. 2)	37,000										37,000	88
89 TANKS ASSET MANAGEMENT PROGRAM		60,000	138,000	105,000	106,000	112,000	72,000	118,000	122,000	125,000	958,000	89
90 ADMIN HVAC UPGRADES											0	90
91 VIEW CIRCLE WL REPAIR & PAVING											0	91
92 O'REILLY LOOP LINE/HWY 50											0	92
93 ARROWHEAD WELL CONTROL BUILDING											0	93
94 LOOKOUT TANK ACCESS ROAD	319,000										319,000	94
95 PIONEER TR/COLD CRK CT WL ABANDONMENT											0	95
SUBTOTAL	1,942,000	1,911,000	3,484,000	3,575,000	4,877,000	2,625,000	651,000	1,081,000	2,839,000	7,379,000	30,364,000	
TOTALS	8,361,000	8,009,000	9,575,000	14,156,000	13,139,000	10,980,000	11,497,000	11,842,000	14,379,000	13,851,000	115,789,000	

WATER INFORMATION TECHNOLOGY

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 FIREWALL SOFTWARE/UPGRADES		25,000			25,000			25,000			75,000	1
2 SOFTWARE (NEW, UPGRADES, COMPLIANCE)		8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000		64,000	2
3 SQL ADDITIONAL LICENSES	7,000			7,000			7,000				21,000	3
4 STORAGE SYSTEM (SAN)/ADDITIONS	150,000					125,000					275,000	4
5 DATABASE SOFTWARE/UPDATES	15,000				8,000				8,000		31,000	5
6 REPLACE FIBER WAN - SHOPS		10,000						10,000			20,000	6
7 REPLACE NETWORKING EQUIP./IMPROVEMENTS	20,000		20,000		20,000		20,000		20,000		100,000	7
8 WIRELESS CONTROLLER/ACCESS POINTS			10,000				10,000				20,000	8
9 BACKUP/DISASTER RECOVERY APPLIANCE	15,000				15,000						30,000	9
10 REPLACE WATER HYDRAULIC MODELING SOFTWARE		15,000			15,000			15,000			45,000	10
11 STRATEGIC PLAN IMPLEMENTATION/UPDATE		20,000									20,000	11
12 LASERFICHE UPGRADE	15,000		25,000	10,000				10,000			60,000	12
13 REPLACE DOMAIN CONTROLLER SERVER		10,000				10,000					20,000	13
14 CORE SWITCH - SERVER ROOM			25,000				25,000				50,000	14
15 REPLACE SCADA HISTORIAN SERVER			10,000				10,000				20,000	15
16 SCADA SERVER 2		20,000				20,000					40,000	16
17 BACKUP POWER SERVER ROOM	11,000		8,000		11,000		8,000		11,000		49,000	17
18 VIRTUAL SERVER	20,000		20,000		20,000		20,000		20,000		100,000	18
19 TOKAY SOFTWARE UPDATE			6,500					6,500			13,000	19
20 SOFTWARE UPGRADES	8,000										8,000	20
21 ACCESS CONTROL/SURVEILLANCE		50,000		50,000		50,000		50,000	100,000	50,000	350,000	21
	261,000	158,000	132,500	75,000	122,000	213,000	108,000	124,500	167,000	50,000	1,411,000	

WATER INSPECTIONS

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 REPLACE DIGITAL LOCATING EQUIPMENT						7,500					7,500	1
2 METER TESTER						10,000					10,000	2
	0	0	0	0	0	17,500	0	0	0	0	17,500	

WATER FINANCE

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS
											0
	0	0	0	0	0	0	0	0	0	0	0

WATER ACCOUNTING

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS
											0
	0	0	0	0	0	0	0	0	0	0	0

WATER PURCHASING

USE OR BENEFIT EXPLANATION	23-24 BUDGET	24-25 BUDGET	25-26 BUDGET	26-27 BUDGET	27-28 BUDGET	28-29 BUDGET	29-30 BUDGET	30-31 BUDGET	31-32 BUDGET	32-33 BUDGET	TOTALS	
1 REPLACE CARPET/FLOORING IN ADMIN BUILDING				35,000							35,000	1
	0	0	0	35,000	0	0	0	0	0	0	35,000	

ACKNOWLEDGMENTS

Paul Hughes, Chief Financial Officer

Greg Dupree, Accounting Manager

Chelsea Block, Finance Assistant

BOARD OF DIRECTORS' FINANCE COMMITTEE:

David Peterson

Nick Haven

