

# **PUBLIC UTILITIES 2023 BUDGET PROPOSAL**



**Public**  
**Utilities**



**March 24,  
2022**

**WATER – SEWER – STORMWATER – STREET LIGHTING**

**ENTERPRISE FUNDS**

*SERVING OUR COMMUNITY, PROTECTING OUR ENVIRONMENT*

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**SALT LAKE CITY DEPARTMENT OF PUBLIC UTILITIES RECOMMENDED BUDGET FOR  
FISCAL YEAR 2023**

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# Public Utilities

**Salt Lake City Department of Public Utilities (SLCDPU)**

*I recommend for approval, rates, operations, personnel changes and the capital program as herein presented as the SLCDPU FY 2023 Proposed Budget:*

**Laura Briefer, Director**



**Public Utilities Advisory Committee (PUAC)**

*The PUAC concurs with and supports the Salt Lake City Department of Public Utilities FY 2023 Proposed Budget presentation:*

**Roger Player, Chair**



Dated March 24, 2022

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## **BUDGET SUMMARY FISCAL YEAR 2022-2023**

Salt Lake City Department of Public Utilities (SLCDPU) is pleased to present its recommended budget for fiscal year 2022-2023 (FY 2023). The FY 2023 budget includes funding for operations, maintenance, and capital investments in the water, sewer, stormwater, and street lighting utilities. SLCDPU operates each of its utilities as separate enterprise funds.

SLCDPU's proposed FY 2023 budget continues planned capital projects that have been anticipated over the previous several years. Of note, the FY 2023 budget includes significant continuing work to rebuild the City's Water Reclamation Facility (WRF) to meet nutrient requirements and continues to address other aging water, sewer, and stormwater infrastructure. The budget also reflects the enhancement of operational programs to meet more stringent regulatory requirements for drinking water, wastewater, and stormwater, including programs related to the federal revised Lead and Copper Rule and the implementation of new requirements of the City's Municipal Separate Storm Sewer System (MS4) Permit.

SLCDPU's budget aligns with Mayor Mendenhall's 2022 Plan goals for growth, environmental stewardship and resiliency, community engagement, and support for our workforce. The budget includes funding for specific actions in the Mayor's 2022 Plan to 1) complete a comprehensive review and update to the water, sewer, and stormwater rate structures; 2) complete a comprehensive update to the City's Watershed Management Plan; and 3) implementation of the new Street Light Master Plan. Mayor Mendenhall has also requested a three-year budget outlook from City departments; SLCDPU's FY 2023 budget includes our customary five-year budget outlook.

The proposed budget and the five-year outlook acknowledge and incorporate our long-term financing plan and certain economic realities:

- Previous years' projections for the need to raise water, sewer, and stormwater rates by 15% in FY 2023 to fund ongoing rehabilitation and replacement of aging infrastructure and meet more stringent regulatory requirements are being followed in our FY 2023 budget. The five-year budget outlook includes additional rate increases in future years;
- There are expected revenue impacts of anticipated persistent drought, primarily to the water fund;
- SLCDPU expects significant impact of inflationary pressures on project costs, necessitating a combination of capital improvement reprioritization, increased bonding for the WRF, and identifying and applying for federal and state grants;
- SLCDPU will need to begin bringing salaries for eligible positions identified in the recent non-represented employee compensation study to mid-point;
- SLCDPU will need to continuously evaluate the impact of water, sewer, stormwater, and street lighting rates on our community through rate studies and community financial capability analyses; and

- Ongoing customer assistance program support is likely needed as the community continues to recover from COVID impacts and deals with record inflation rates.

SLCDPU is actively seeking grants and federal financing to support our work, reduce reliance on debt, and reduce rate burdens. With the passage of the Bipartisan Infrastructure Law (BIL) in November 2021, the US Environmental Protection Agency will be investing nationally \$50 billion in water and wastewater infrastructure in annual tranches of funding through 2026. The BIL funding will be allocated to states based on existing Drinking Water State Revolving Fund (DWSRF) and Clean Water State Revolving Fund (CWSRF) allocation formulas. Each state will administer a mix of grants and loans using this funding through their DWSRF and CWSRF programs. SLCDPU is working to identify eligibility requirements and will likely apply for low interest loans or grants available through this funding over the next five years. SLCDPU has also applied for a \$52.4 million federal grant under the Building Resilient Infrastructure and Communities (BRIC) program administered through the Federal Emergency Management Agency (FEMA) to rebuild the City Creek Water Treatment Plant. We are waiting to know whether our application is successful.

While our success in receiving BIL and BRIC funding are not known at budget time, and therefore not included in our proposed budget, it should be noted that SLCDPU's budget does reflect revenue associated with a \$4 million grant from City and State ARPA allotments to construct a flood plain and stormwater project benefitting the City's Granary District. The budget also includes the ongoing low interest WIFIA (Water Infrastructure Finance and Innovation Act) loan for the new WRF. It is estimated that the WIFIA loan will save ratepayers \$100 million for the life of the project as compared to traditional revenue bonding.

### **Summary of Expenditures and Revenues**

The total proposed FY 2023 budget is \$414,498,942, a 28.61 % decrease from the FY 2022 amended budget of \$580,608,656. The FY 2022 adopted budget was adjusted for FY 2021 carryover encumbrances for open contracts, purchase orders, and amendments. Those changes are reflected in the amended budget amount. The proposed operating budget of \$122,794,572 is \$4,955,637 or 4.20% higher than the current year amended budget. The increase includes seven proposed new employees, and a 4.5% increase to accommodate employee compensation and benefit changes. Amounts paid to other departments for IMS charges, administrative service fees, payment in lieu of taxes, and risk management is projected to increase by \$1,355,505. Operational costs also reflect a \$509,070 increase to be paid to the Metropolitan Water District of Salt Lake and Sandy (MWDSLS) pursuant to their projected increased operational and capital needs.

The proposed capital budget for FY 2023 is \$261,074,907. Debt service is anticipated to be \$30,629,463, including the cost of new debt planned to be issued during June 2022.

Funding for capital projects in FY 2023 will be generated through rate revenue, bond proceeds from Series 2020 and 2022 issues, and a federal loan. SLCDPU plans to use its WIFIA loan under to finance \$125,965,000 of the new WRF in FY 2023.

There are proposed rate increases for the water, sewer, and stormwater utilities. This includes a 15% increase in water, an 15% increase in sewer, and a 15% increase in stormwater rates. Appendix A includes a summary of expected customer rate impacts.

SLCDPU's total anticipated revenues for FY 2023 are \$413,124,942, a decrease of \$167,483,714. SLCDPU intends to transfer \$90,618,712 from reserves utilizing debt funds.

#### Summary of Utilities Fund Budgets

Utility Funds FY 2023	Operations	Capital	Debt	Fund Totals
Water	82,371,819	44,282,943	6,098,053	132,752,815
Sewer	27,315,112	207,189,964	21,409,504	255,914,580
Storm	9,783,401	7,362,000	1,554,321	18,699,722
Street	3,324,240	2,240,000	193,585	5,757,825
<b>Total</b>	<b>\$ 122,794,572</b>	<b>\$ 261,074,907</b>	<b>\$ 29,255,463</b>	<b>\$ 413,124,942</b>

#### Proposed Department of Public Utilities Expenditures for FY 2022-23

Major Expenditure Categories	Adopted Budget 2021-2022	Amended Budget 2021-2022	Proposed Budget 2022-	Difference	Percent Change
Personal Services	45,615,184	46,354,529	49,027,442	2,672,913	5.77%
Materials and Supplies	7,735,360	7,743,896	8,737,209	993,313	12.83%
Charges for Services	61,240,035	63,740,510	65,029,921	1,289,411	2.02%
Debt Service	23,185,287	23,185,287	29,255,463	6,070,176	26.18%
Capital Outlay	6,167,835	7,090,761	8,235,997	1,145,236	16.15%
Capital Improvements	276,506,326	432,493,673	252,838,910	(179,654,763)	-41.54%
<b>Total</b>	<b>\$ 420,450,027</b>	<b>\$ 580,608,656</b>	<b>\$ 413,124,942</b>	<b>\$(167,483,714)</b>	<b>-28.85%</b>

#### Projected Department of Public Utilities Revenues for FY 2022-23

Revenue	Adopted Budget 2021-2022	Amended Budget 2021-2022	Proposed Budget 2022-	Difference	Percent Change
Operating Sales	158,309,402	158,309,402	181,503,255	23,193,853	14.65%
Interest	728,700	728,700	1,927,748	1,199,048	164.55%
Permits	267,500	267,500	267,500	-	0.00%
Interfund Charges	2,966,142	2,966,142	3,171,284	205,142	6.92%
Other Revenues	2,087,930	2,087,930	2,153,330	65,400	3.13%
Impact Fees	3,595,670	3,595,670	3,831,670	236,000	6.56%
Contributions	3,426,443	3,426,443	3,686,443	260,000	7.59%
Bond/Loan Proceeds	249,883,000	249,883,000	125,965,000	(123,918,000)	-49.59%
From (To) Reserves	(784,760)	159,343,869	90,618,712	(68,725,157)	-43.13%
<b>Total</b>	<b>\$ 420,480,027</b>	<b>\$ 580,608,656</b>	<b>\$ 413,124,942</b>	<b>\$(167,483,714)</b>	<b>-28.85%</b>

**Summary of Additional Proposed Positions**

The proposed budget includes the addition of seven (7) new full time equivalent (FTE) positions. These recommended positions are identified to assist SLCDPU in meeting regulatory and programmatic requirements, expand the safety program, and supporting the economic and geographic growth within our service area.

SLCDPU currently has 470.50 FTEs and is proposing the following positions to meet identified needs.

**Proposed Personnel Adjustments FY 2022-2023**

<b>Administration</b>	<b>Water</b>	<b>Sewer</b>	<b>Stormwater</b>	<b>Street Lighting</b>	<b>Total</b>
SAFETY INSPECTOR	1.00	-	-	-	1.00
					<b>1.00</b>
<b>GIS and IT Systems</b>					
GIS TECHNICIAN I	0.50	0.30	0.20	-	1.00
					<b>1.00</b>
<b>Water Quality</b>					
LEAD AND COPPER TECHNICIAN	2.00	-	-	-	2.00
					<b>2.00</b>
<b>Finance</b>					
ACCOUNTANT III	1.00	-	-	-	1.00
					<b>1.00</b>
<b>Engineering</b>					
ENGINEERING TECHNICIAN V	0.80	0.70	0.50	-	2.00
					<b>2.00</b>
<b>Total New FTEs</b>	<b>5.30</b>	<b>1.00</b>	<b>0.70</b>	<b>-</b>	<b>7.00</b>

## **Water Utility Enterprise Fund**

### **Water Infrastructure Background**

The Salt Lake City water system is one of the oldest and largest systems west of the Mississippi River with over 1,127 miles of 12-inch or smaller distribution lines, and more than 190 miles of large transmission mains for a total asset inventory of 1,318 miles of pipe with over fifty pressure zones. The service area covers the Salt Lake City corporate boundaries as well as the east side of the Salt Lake Valley to the mouth of Little Cottonwood Canyon—a total of 141 square miles. This includes water supply to portions of other incorporated cities such as Mill Creek, Cottonwood Heights, Holladay, and small portions of Murray, Midvale, and South Salt Lake Cities.

SLCDPU's asset management program includes personnel and systems to assess the condition of the large water transmission mains, distribution mains, treatment and pumping plants, reservoirs, tanks, wells, canals, and other infrastructure to assure repair and replacement is completed with minimal impact to the public.

Addressing aging water infrastructure through rehabilitation and replacement is a priority and is the primary reason behind gradual rate increases planned for the next few years in the water utility. For instance, each of SLCDPU's three water treatment plants were originally constructed in the 1950's and have undergone numerous upgrades. Based on recent condition assessments, SLCDPU is preparing a strategy to replace these treatment plants in future years to ensure this critical infrastructure remains viable for the long-term protection of public health and can better withstand major seismic events. There is also a continual need to repair and replace pipe segments to maintain water service and reduce emergency repair costs and impacts to the public.

### **Water Utility Budget Highlights for FY 2023**

#### **Anticipated Revenues**

The long-term impacts of the COVID-19 pandemic continue to be evaluated. During the past two years, patterns of water use have been altered. Due to current and anticipated drought responses leading to reduced water consumption, we are conservatively estimating revenues.

SLCDPU intends to issue revenue bonds of \$68,380,000 in June 2022 designated for water. Additional bonding of \$147,821,000 is anticipated from FY 2024 to FY 2027 meet water utility capital project objectives.

The revenue budget is proposed to decrease by \$41,3573,241 or 23.75% from the FY 2022 budget. The proposed water utility budget for FY 2023 by major category is as follows:



**Projected Water Revenues for FY 2022-23**

<b>Revenue</b>	<b>Adopted Budget 2021-2022</b>	<b>Amended Budget 2021-2022</b>	<b>Proposed Budget 2022-2023</b>	<b>Difference</b>	<b>Percent Change</b>
Operating Sales	85,462,346	85,462,346	98,266,900	12,804,554	14.98%
Interest	398,000	398,000	883,164	485,164	121.90%
Interfund Charges	2,966,142	2,966,142	3,171,284	205,142	6.92%
Other Revenues	1,836,730	1,836,730	1,836,730	-	0.00%
Impact Fees	1,784,670	1,784,670	1,784,670	-	0.00%
Contributions	1,953,620	1,953,620	2,153,620	200,000	10.24%
Bond Proceeds	26,146,000	26,146,000	-	(26,146,000)	
From (To) Reserves	6,818,047	53,562,548	24,656,447	(28,906,101)	-53.97%
<b>Total</b>	<b>\$ 127,365,555</b>	<b>\$ 174,110,056</b>	<b>\$ 132,752,815</b>	<b>\$ (41,357,241)</b>	<b>-23.75%</b>

Operating Sales: Revenue is expected to be 14.98% more than FY 2022 budgeted levels. The proposed budget is based on modeling done on 10-year water sales. The forecast anticipates a less than average consumption from the average.

Interfund Charges: The water utility is reimbursed by sewer, stormwater, street lighting, refuse, and the Hive program for services related to billing. Related revenue is anticipated to increase based on actual costs.

Impact Fees: No change in anticipated.

Bond Proceeds: No series bonds are anticipated to be issued during FY 2023.

Reserve Funds: SLCDPU plans to use \$26,030,447 of reserve funds to balance the capital and operational needs. Budgeted use of reserve funds is \$27,532,101 less than the FY 2022 amended budget or a decrease of 51.40%

**Proposed Expenditures**

The water utility’s FY 2023 budget includes an increase of \$1,461,257 in personal services. The increase in personal services is attributed to the addition of 5.30 FTEs and a 4.5% increase to accommodate employee compensation and benefit changes. The new FTEs requested will support the SLCDPU’s administration, finance, engineering, GIS and IT, and water quality divisions to meet regulatory requirements and support continued economic activity.

Metropolitan Water District of Salt Lake and Sandy (MWDSLS) is projecting to increase the current price levels for water for FY 2023 without increases to operational or assessment charges. A 3% increase is included in this budget. Pursuant to SLCDPU’s recent water supply and demand planning, the FY 2023 budget includes a scheduled payment for the Central Utah Project Utah Lake System (ULS) petition for 3,100-acre feet of new water resources. The MWDSLS payment for the ULS petition of \$844,223 is passed through to SLCDPU and is reflected in the SLCDPU FY 2023 proposed budget.

SLCDPU plans to invest \$38,989,000 in capital improvements for water utility infrastructure in FY 2023. The capital improvement program includes a prioritized balance of needed improvements to treatment plants, water lines, meter replacements, pump stations, wells, and other infrastructure. Certain water main replacements are being performed in conjunction with the General Fund bonded street repair projects. With construction costs escalating, SLCDPU is cautiously resuming its plans for gradual rate increases and investment into aging infrastructure this year.

The expenditure budget for the water utility is proposed to decrease \$41,357,241 or 23.75% from the FY 2022 amended budget. The proposed budget for FY 2023 by major category is as follows:

Major Expenditure Categories	Adopted Budget 2021-2022	Amended Budget 2021-2022	Proposed Budget 2022-2023	Difference	Percent Change
Personal Services	28,272,052	28,732,768	30,194,025	1,461,257	5.09%
Materials and Supplies	4,839,903	4,848,439	5,259,214	410,775	8.47%
Charges for Services	45,263,836	47,059,264	46,918,580	(140,684)	-0.30%
Debt Service	4,766,929	4,766,929	6,098,053	1,331,124	27.92%
Capital Outlay	4,622,835	5,128,961	5,293,943	164,982	3.22%
Capital Improvements	39,600,000	83,573,695	38,989,000	(44,584,695)	-53.35%
<b>Total</b>	<b>\$ 127,365,555</b>	<b>\$ 174,110,056</b>	<b>\$ 132,752,815</b>	<b>\$ (41,357,241)</b>	<b>-23.75%</b>

Personal Services: Employee related costs are estimated to increase \$1,461,257 or 5.09%. The water utility budget anticipates an increase of 5.30 FTEs. The FY 2023 budget includes a 4.5% increase to accommodate employee compensation and benefit changes.

Charges for Services: The proposed budget for charges and services will decrease \$140,684 or 0.30%.

Debt Service: In compliance with current bond issues and in anticipation of the Series 2022 debt, the budget for debt services is projected to increase by \$1,331,124.

Capital Outlay: The proposed budget for capital outlay for FY 2023 includes \$1,500,000 dedicated to the City’s watershed purchase account, \$250,000 for water right and company purchases, \$250,000 for water stock purchases, \$150,000 for additional land purchases, \$1,489,523 for 20 vehicles, \$425,500 for field equipment, \$250,000 for telemetering equipment, \$180,000 for treatment plant equipment, \$607,000 for office furniture and equipment, and \$191,920 for other non-motive equipment.

Capital Improvements: The proposed capital improvement budget for FY 2023 is \$38,989,000. A detailed list of capital improvement projects is included in the cash flow summaries for the water utility. A capital project summary by facility type is as follows:

**Proposed Water Capital Improvement Program  
for FY 2022-23**

<b>Type of Project</b>	<b>Proposed Budget 2022-2023</b>
Treatment Plants	9,200,000
Water Service Connections	6,600,000
Pumping Plant Upgrades	50,000
Reservoirs	3,535,000
Water Mains and Hydrants	16,893,000
Wells	996,000
Culverts, Flumes, and Bridges	1,615,000
Landscaping	100,000
<b>Total 2022-2023 CIP</b>	<b>\$ 38,989,000</b>

## **Sewer Utility Enterprise Fund**

### **Sewer Infrastructure Background**

The City's Water Reclamation Facility (WRF) was constructed in 1965 and has undergone numerous upgrades since. Nutrient removal regulations adopted by the Utah Department of Environmental Quality (UDEQ) in 2015 require a new sewage treatment process. After much study, SLCDPU determined that the WRF has reached the end of its useful life and adapting the 55-year-old facility to meet the new nutrient removal requirements is not feasible. A new WRF is currently under construction, to be completed to meet UDEQ's nutrient compliance date of January 1, 2025. SLCDPU has been implementing a financing strategy of gradual rate increases revenue bonding and a low interest federal loan for the replacement of the WRF. Cost escalations have resulted in increasing the projected cost of the new WRF to \$802,855,409, requiring additional financing strategies to be implemented, primarily additional revenue bonds to pay for the project increases.

The sewer collection system (654 miles of pipeline, and several pump stations) is a very challenging environment; hydrogen sulfide gases, sediment, roots and other factors affect the competency of the collection lines. SLCDPU's asset management program includes personnel and systems to assess the condition of the sewer collection system, pump stations, and other infrastructure to assure repair and replacement is completed with minimal impact to the public. More than 38% of the sewer collection system is greater than 80 years old.

SLCDPU is expanding capacity of the sewer collection system, in large part to meet growth requirements related to the new State Correctional Facility, the Airport expansion, and new development occurring in the Northwest Quadrant of Salt Lake City.

## Sewer Utility Budget Highlights for FY 2023

Total project costs for the WRF reconstruction were anticipated to be \$711,653,000 in 2020. The estimated project cost to completion is now \$802,855,409. Construction began in FY 2020 and SLCDPU has expended approximately \$116.6 million to date on this project.

Current financing for the new WRF is anticipated to be accomplished using a combination of revenue bonds, user rates, and a federal loan through the Water Infrastructure Finance and Innovation Act (WIFIA). The loan will provide up to 49% of the anticipated cost of the new WRF as submitted in 2020 (\$711,725,000). The interest rate at loan closing in 2020 was extremely favorable at 1.34%. This is expected to save SLCDPU's ratepayers more than \$100 million over the life of the project compared to revenue bonds. Debt plans have been revised due to increased estimated project costs.

### Sewer Planned Debt

FY	WIFIA	Bonds	Total
2021-2022	13,000,000	280,000,000	293,000,000
2022-2023	125,965,000	-	125,965,000
2023-2024	158,517,000	5,100,000	163,617,000
2024-2025	48,456,000	48,000,000	96,456,000
2025-2026	2,697,000	47,250,000	49,947,000
2026-2027	-	-	-
<b>Total</b>	<b>\$ 348,635,000</b>	<b>\$ 380,350,000</b>	<b>\$ 728,985,000</b>

A proposed 15% rate increase is anticipated to generate an additional \$8,705,063 in sewer fees. Proposed sales revenues are based on the best estimates available. The additional revenue is required for the sewer utility to meet its capital and operations objectives. Rate increases in future years are also anticipated at this time.

SLCDPU planned bond issuance for FY 2022 has been revised upward from \$123,687,000 to \$281,425,195. Changes to construction costs and schedule as well as market conditions were considered in the timing and amount of the bond issue. Additional bonded debt of \$146,250,000 is anticipated from FY 2024 to FY 2026 to meet capital objectives, primarily the reconstruction of the WRF. It is anticipated that WIFIA loan proceeds of \$209,670,000 will be utilized during the same period. Debt will be used in conjunction with rate increases to blend pay as you go and borrowing strategies. The proposed debt is for a 30-year term creating intergenerational equity payback on the new WRF facility. The City's professional financial advisors have been involved in the process to measure debt service

and ratios to comply with external rating agency standards. SLCDPU intends to maintain its AAA rating to limit costs of borrowing.

The total revenue budget is expected to decrease by \$120,728,405 or 32.05% to \$255,914,580 from the FY 2021 amended budget. The proposed budget for FY 2023 by major category is as follows:

Projected Sewer Revenues for FY 2022-23						
Revenue	Adopted Budget 2021-2022	Amended Budget 2021-2022	Proposed Budget 2022-2023	Difference	Percent Change	
Operating Sales	58,034,937	58,034,937	66,740,000	8,705,063	15.00%	
Interest	171,000	171,000	947,084	776,084	453.85%	
Permits	267,500	267,500	267,500	-	0.00%	
Other Revenues	154,500	154,500	188,500	34,000	22.01%	
Bond/ Loan Proceeds	217,577,000	217,577,000	125,965,000	(91,612,000)	-42.11%	
Impact Fees	1,422,000	1,422,000	1,422,000	-	0.00%	
Contribution	1,100,823	1,100,823	1,100,823	-	0.00%	
From (To) Reserves	(10,513,964)	97,915,225	59,283,673	(38,631,552)	-39.45%	
<b>Total</b>	<b>\$ 268,213,796</b>	<b>\$ 376,642,985</b>	<b>\$ 255,914,580</b>	<b>\$ (120,728,405)</b>	<b>-32.05%</b>	

Sewer service fees: Sewer service fees are expected to increase \$8,705,063 or 15.00%. AWC information was utilized to determine a reasonably anticipated sales base, and then applied the 15% rate increase. The proposed increase is approximately \$6.16 per month for the representative resident, assuming winter water use of eight CCF. Winter water use of eight CCF is conservative as some of our residents use less than eight CCF during the winter months. The additional revenue from rates is required for the sewer utility to meet is capital and operations objectives while balancing debt.

Interest Income: Interest earnings are expected to increase due to Series 2022 bond proceeds.

Permit Fees: No change is anticipated.

Other Revenues: Increased to reflect estimate based on historical collections.

Impact Fees: No change is anticipated.

Bond / Note Proceeds: No bond issue is anticipated in FY 2023. The budget anticipates utilizing \$125,965,000 in WIFIA loan proceeds.

Contribution: No change in anticipated.

Reserve Funds: Unspent bond proceeds of \$59,283,673 will be transferred from reserves for use on the WRF project.

### **Proposed Expenditures**

The proposed sewer budget for FY 2023 includes \$205,884,910 in planned projects. Of this amount \$175,322,910 is designated for the new WRF, \$3,417,000 for the existing WRF, and \$24,385,000 for improvements to the sewer collections system. Select sewer

collection line replacements are being performed in conjunction with the City’s general obligation bonded street repair projects.

The sewer utility’s FY 2023 budget proposes a decrease of \$120,728,405 or 32.05% from the FY 2022 amended budget. The proposed budget for FY 2023 by major category is as follows:

Proposed Sewer Expenditures for FY 2022-23					
Major Expenditure Categories	Adopted Budget 2021-2022	Amended Budget 2021-2022	Proposed Budget 2022-2023	Difference	Percent Change
Personal Services	12,799,959	13,021,785	13,827,671	805,886	6.19%
Materials and Supplies	2,656,055	2,656,055	3,164,804	508,749	19.15%
Charges for Services	8,818,606	9,103,614	10,322,637	1,219,023	13.39%
Debt Service	16,476,350	16,476,350	21,409,504	4,933,154	29.94%
Capital Outlay	1,327,000	1,448,934	1,305,054	(143,880)	-9.93%
Capital Improvements	226,135,826	333,936,247	205,884,910	(128,051,337)	-38.35%
<b>Total</b>	<b>\$ 268,213,796</b>	<b>\$ 376,642,985</b>	<b>\$ 255,914,580</b>	<b>\$ (120,728,405)</b>	<b>-32.05%</b>

Personal Services: Employee related costs are estimated to increase \$805,886 or 6.19%. The sewer utility budget anticipates an increase of one FTE. The FY 2023 budget includes a 4.5% increase to accommodate employee compensation and benefit changes.

Materials & Supplies: The sewer utility’s budget for this category increases by \$508,749. The increase is attributed increasing costs of supplies including chemical purchases.

Charges for Services: Increases in professional and contractual services and increased sludge management fees represent the largest portion of the budget increase in this category.

Debt Service: The annual debt service budget is expected to increase by \$4,933,154 in FY 2023. The increase is attributed to payments on existing debt and includes interest payments for the Series 2022 debt.

Capital Outlay: The proposed capital outlay budget for FY 2023 includes \$849,054 for vehicles and trucks, \$96,000 for field maintenance equipment, \$45,000 for treatment plant equipment, \$240,000 for office furniture and equipment, and \$75,000 for other non-motive equipment.

Capital Improvements: The proposed capital improvement budget for FY 2023 is \$205,884,910, a decrease of \$128,051,337 from the current year amended budget. A detailed list of capital improvement projects is included in the cash flow summary for the sewer utility. A capital project summary by facility type is as follows:

**Proposed Sewer Capital Improvement Program for FY 2022-23**

<b>Type of Project</b>	<b>Proposed Budget 2022-2023</b>
WRF	178,739,910
Collection System	24,385,000
Lift Stations	2,760,000
<b>Total 2022-2023 CIP</b>	<b>\$ 205,884,910</b>



## Stormwater Utility Enterprise Fund

### Stormwater Infrastructure Background

The City's stormwater system includes 350 miles of stormwater collection lines, 76 miles of canals and drainage ditches, 32 miles of open channel creeks and rivers, culverts, 27 lift stations, and 63 detention basins. These systems must be maintained to prevent flooding and to meet the water quality requirements in the Municipal Separate Storm Sewer System (MS4) permit. SLCDDPU is also responsible for all city facilities meeting MS4 requirements. A new MS4 was issued to the City in June 2021, with resulting new requirements to implement in FY 2023.

A Drainage Master Plan was completed in 1993. The FY 2023 budget includes the continuation of an update of the Drainage Master Plan to include water quality and climate change issues, such as storm intensification, in addition to traditional conveyance.

### Stormwater Utility Budget Highlights for FY 2023

#### Anticipated Revenues

SLCDDPU is proposing a rate increase of 15% in FY 2023. Rate increases between 5% and 10% are anticipated in future years through FY 2026 in order to maintain and rehabilitate infrastructure and meet more stringent water quality requirements.

The planned bond issuance during FY 2022 will be deferred to FY 2024. This timing was adjusted to match the capital needs of the stormwater utility.

The revenue budget is proposed to decrease by \$5,432,246 or 22.51% from the FY 2022 amended budget. The proposed revenue budget for FY 2023 by major category is as follows:

Projected Storm Revenues for FY 2022-23					
Revenue	Adopted Budget 2021-2022	Amended Budget 2021-2022	Proposed Budget 2022-2023	Difference	Percent Change
Operating Sales	10,714,550	10,714,550	12,321,733	1,607,183	15.00%
Interest	119,200	119,200	75,000	(44,200)	-37.08%
Other Revenues	64,000	64,000	103,000	39,000	60.94%
Impact Fees	389,000	389,000	625,000	236,000	60.67%
Contributions	352,000	352,000	352,000	-	0.00%
Bond Proceeds	6,160,000	6,160,000	-	(6,160,000)	
From (To) Reserves	1,402,263	6,333,218	5,222,989	(1,110,229)	-17.53%
<b>Total</b>	<b>\$ 19,201,013</b>	<b>\$ 24,131,968</b>	<b>\$ 18,699,722</b>	<b>\$ (5,432,246)</b>	<b>-22.51%</b>

Operating Sales: Revenue is expected to increase by approximately 15%.

Interest Income: Interest earnings are expected to decrease due to spending of bond proceeds.

Other Revenues: Increased based on historical collections.

Contributions: No change is anticipated.

Impact Fees: Increased based on historical collections.

Reserve Funds: Reserves of \$5,222,989 will be utilized for stormwater system improvements. These funds will come from the Series 2020 Bond proceeds.

### **Proposed Expenditures**

The stormwater utility’s FY 2023 budget proposes capitalizing \$5,725,000 to renovate portions of the stormwater collection system. A portion of the stormwater system improvements are being performed in conjunction with the general obligation bonded street repair projects. The FY 2023 capital improvements budget includes continued funding for this cooperative work.

The expenditure budget for the stormwater utility is proposed to decrease \$5,432,246 or 22.51%. The proposed budget for fiscal year FY 2023 by major category is as follows:

<b>Proposed Storm Expenditures for FY 2022-23</b>					
<b>Major Expenditure Categories</b>	<b>Adopted Budget 2021-2022</b>	<b>Amended Budget 2021-2022</b>	<b>Proposed Budget 2022-2023</b>	<b>Difference</b>	<b>Percent Change</b>
Personal Services	4,215,783	4,235,488	4,612,954	377,466	8.91%
Materials and Supplies	232,408	232,408	306,197	73,789	31.75%
Charges for Services	4,255,851	4,675,419	4,864,250	188,831	4.04%
Debt Service	1,748,471	1,748,471	1,554,321	(194,150)	-11.10%
Capital Outlay	218,000	512,866	1,637,000	1,124,134	219.19%
Capital Improvements	8,530,500	12,727,316	5,725,000	(7,002,316)	-55.02%
<b>Total</b>	<b>\$ 19,201,013</b>	<b>\$ 24,131,968</b>	<b>\$ 18,699,722</b>	<b>\$ (5,432,246)</b>	<b>-22.51%</b>

Personal Services: Employee related costs are estimated to increase \$377,466 or 8.91%. The stormwater utility budget anticipates an increase of 0.70 FTEs. The FY 2023 budget includes a 4.5% increase to accommodate employee compensation and benefit changes.

Materials and Supplies: The increase is due to increased parts and maintenance supply costs.

Charges for Services: Other professional services and fleet costs are anticipated to increase in FY 2023.

Debt Service: The budget decreases due to the deferral of the budgeted 2022 bond issue.

Capital Outlay: The proposed capital outlay budget for FY 2023 includes \$890,000 for vehicles, \$456,000 for field maintenance equipment, \$131,000 for other non-motive equipment, \$160,000 for office furniture and equipment.

Capital Improvements: The proposed capital improvement budget for FY 2023 is \$5,725,000, a decrease of \$7,002,316 from the FY 2022 amended budget. A detailed list

of capital improvement projects is provided in the cash flow summary for the stormwater utility. The capital project summary by facility types are as follows:

<b>Type of Project</b>	<b>Proposed Budget 2022-2023</b>
Lines and Riparian Corridor Projects	4,875,000
Lift Stations	750,000
Landscaping	100,000
<b>Total 2022-2023 CIP</b>	<b>\$ 5,725,000</b>

## **Street Lighting Utility Enterprise Fund**

### **Street Lighting Infrastructure Background**

SLCDPU has updated the City's Street Lighting Master Plan, which balances safety, character, responsibility to public health and the environment, and equity using a series of plan guideposts for evaluating the illuminated environment and the technical elements of a streetlighting system. SLCDPU anticipates revising the street lighting cost of service and rate study, as well as preparing a programmatic and systematic approach to implementation of the 2020 master plan.

Of the 15,820 lights that the City maintains, 9,814 lights or 62% are now considered to be energy efficient. The FY 2023 budget funds implementation of the new 2020 Street Lighting Master Plan, as well as the continued conversion to high efficiency lights.

## Street Lighting Utility Budget Highlights for FY 2023

### Anticipated Revenues

No rate changes are proposed in the FY 2023 budget. The base lighting rates were established in 2013 at \$3.73 per month for an average residential customer, or Equivalent Residential Unit (ERU), and are expected to remain unchanged for this fiscal year. Rates for enhanced tiers are Tier 1 \$5.67, Tier 2 \$15.94, and Tier 3 \$43.82.

Continuation of the private lights program is proposed in the FY 2023 budget. The program includes a \$20,000 transfer from the General Fund and indicates the on-going desire of the City to provide a matching support to reduce the capital costs to neighborhoods installing private street lighting. SLCDPU administers this program. The budget anticipates transfers from the General Fund associated with three prior fiscal years.

The revenue budget is proposed to increase by \$34,178 from the FY 2022 budget. The proposed budget for FY 2023 by major category is as follows:

Revenue	Adopted Budget 2021-2022	Amended Budget 2021-2022	Proposed Budget 2022-2023	Difference	Percent Change
Operating Sales	4,097,569	4,097,569	4,174,622	77,053	1.88%
Interest	40,500	40,500	22,500	(18,000)	-44.44%
Other Revenues	32,700	32,700	25,100	(7,600)	-23.24%
General Fund Contributions	20,000	20,000	80,000	60,000	300.00%
From (To) Reserves	1,508,894	1,532,878	1,455,603	(77,275)	-5.04%
<b>Total</b>	<b>\$ 5,699,663</b>	<b>\$ 5,723,647</b>	<b>\$ 5,757,825</b>	<b>\$ 34,178</b>	<b>0.60%</b>

Operating Sales: Rate changes are not proposed thus this category is not expected to change significantly. The FY 2023 budget is based on actual sales revenue from FY 2021.

Interest Income: Interest earnings budget was revised based on a review of historical and current year earnings. The decrease is also associated with declining cash balances.

Other Revenues: The decrease is based on 5-year historical data.

General Fund Contributions: FY 2023 reflects prior year funds not received from General Fund.

Reserve Funds: The FY 2023 budget anticipates using \$1,455,603 from the utility's reserve funds.

**Proposed Expenditures**

Street lighting capital improvements totaling \$2,240,000 are planned in the FY 2023 budget. The Street Lighting Capital Program focuses on high efficiency and system upgrades in neighborhood, arterial and collector streets per the new 2020 Street Lighting Master Plan. This includes replacement of outdated induction lighting with LED and replacement of cactus poles.

The expenditure budget for the street lighting utility is proposed to increase \$34,178 or 0.60% from the FY 2022 amended budget. The proposed budget for FY 2023 by major category is as follows:

**Proposed Street Lighting Expenditures for FY 2022-23**

Major Expenditure Categories	Adopted Budget 2021-2022	Amended Budget 2021-2022	Proposed Budget 2022-2023	Difference	Percent Change
Personal Services	327,390	364,488	392,792	28,304	7.77%
Materials and Supplies	6,994	6,994	6,994	-	0.00%
Charges for Services	2,901,742	2,902,213	2,924,454	22,241	0.77%
Debt Service	193,537	193,537	193,585	48	0.02%
Capital Improvements	2,240,000	2,256,415	2,240,000	(16,415)	-0.73%
<b>Total</b>	<b>\$ 5,669,663</b>	<b>\$ 5,723,647</b>	<b>\$ 5,757,825</b>	<b>\$ 34,178</b>	<b>0.60%</b>

Personal Services: Employee related costs are estimated to increase \$28,304 or 7.77%. The FY 2023 budget includes a 4.5% increase to accommodate employee compensation and benefit changes.

Charges for Services: The proposed budget for charges and services increases \$22,241 or 0.77% in FY 2023.

Debt Service: In compliance with the outstanding Series 2017 Bond, budgeted debt service payments will increase slightly from FY 2022.

Capital Equipment: No expenditures of capital equipment are planned.

Capital Improvements: The proposed capital improvement budget for FY 2023 is \$2,240,000, a decrease of \$16,414 from the FY 2022 amended budget. A capital projects summary by facility type is as follows for base lighting and all enhanced tiers:

**Proposed Street Lighting Capital Improvement Program for FY 2022-23**

Type of Project	Proposed Budget 2022-2023
System upgrades for high efficiency and uniformity - Base Tiers 1-3	2,240,000
<b>Total 2022-2023 CIP</b>	<b>\$ 2,240,000.00</b>

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**Combined Utilities- Budget Summary and Cash Flow**



**PUBLIC UTILITIES**  
**WATER, SEWER, STORMWATER, AND STREET LIGHTING COMBINED BUDGET SUMMARY**  
**FY 2023-2025**

Combined Rate Increase  
15%      Combined Rate Increase  
13%      Combined Rate Increase  
13%

SOURCES	ACTUAL 2020-21	COUNCIL ADOPTED 2021-22	AMENDED BUDGET 2021-22	PROJECTED ACTUAL 2021-22	PROPOSED BUDGET 2022-23	PROPOSED BUDGET 2023-24	PROPOSED BUDGET 2024-2025
<b>REVENUE &amp; OTHER SOURCES</b>							
<b>REVENUES</b>							
WATER SERVICE	\$ 82,480,248	\$ 85,462,346	\$ 85,462,346	\$ 85,462,346	\$ 98,266,900	\$ 113,006,900	\$ 129,957,900
SEWER SERVICE	51,516,383	58,034,937	58,034,937	58,034,937	66,740,000	73,414,000	80,755,000
STORM WATER FEES	10,922,225	10,714,550	10,714,550	10,714,550	12,321,733	13,553,906	14,909,297
STREET LIGHTING FEES	4,350,116	4,097,569	4,097,569	4,097,569	4,174,622	4,592,084	5,051,292
<b>UTILITY SERVICE REVENUE</b>	<b>149,268,972</b>	<b>158,309,402</b>	<b>158,309,402</b>	<b>158,309,402</b>	<b>181,503,255</b>	<b>204,566,890</b>	<b>230,673,489</b>
INTEREST INCOME	1,093,683	728,700	728,700	689,610	1,927,748	917,094	860,399
OTHER REVENUES	5,358,388	5,237,231	5,237,231	5,250,796	5,476,614	5,481,373	5,481,373
<b>TOTAL REVENUES</b>	<b>\$ 155,721,043</b>	<b>\$ 164,275,333</b>	<b>\$ 164,275,333</b>	<b>\$ 164,249,808</b>	<b>\$ 188,907,617</b>	<b>\$ 210,965,357</b>	<b>\$ 237,015,261</b>
<b>OTHER SOURCES</b>							
GRANTS & OTHER RELATED REVENUES	\$ 1,449,241	\$ 3,434,284	\$ 3,434,284	\$ 3,406,443	\$ 3,431,443	\$ 3,431,443	\$ 7,431,443
IMPACT FEES	\$ 6,415,863	\$ 3,595,670	\$ 3,595,670	\$ 4,714,045	\$ 3,831,670	\$ 3,831,670	\$ 3,831,670
SALE OF EQUIPMENT	92,451	56,500	56,500	139,125	90,500	90,500	90,500
BOND PROCEEDS	197,939,471	155,993,000	155,993,000	349,805,195	-	118,659,000	86,480,000
WIFIA LOAN	-	93,890,000	93,890,000	13,000,000	125,965,000	158,517,000	48,456,000
TRANSFERS FROM GENERAL FUND	343,850	20,000	20,000	20,000	280,000	20,000	20,000
<b>TOTAL OTHER SOURCES</b>	<b>\$ 206,240,876</b>	<b>\$ 256,989,454</b>	<b>\$ 256,989,454</b>	<b>\$ 371,084,808</b>	<b>\$ 133,598,613</b>	<b>\$ 284,549,613</b>	<b>\$ 146,309,613</b>
<b>TOTAL REVENUE &amp; OTHER SOURCES</b>	<b>\$ 361,961,919</b>	<b>\$ 421,264,787</b>	<b>\$ 421,264,787</b>	<b>\$ 535,334,616</b>	<b>\$ 322,506,230</b>	<b>\$ 495,514,970</b>	<b>\$ 383,324,874</b>
<b>EXPENSES &amp; OTHER USES</b>							
<b>EXPENDITURES</b>							
PERSONNEL SERVICES	\$ 36,996,997	\$ 45,645,184	\$ 46,354,529	\$ 46,354,529	\$ 49,027,442	\$ 50,676,116	\$ 52,392,161
OPERATING & MAINTENANCE	5,525,465	7,735,360	7,743,896	7,743,896	8,737,209	8,911,952	9,090,195
TRAVEL & TRAINING	13,886	298,005	298,005	298,005	332,355	339,003	345,782
UTILITIES	3,931,050	5,172,058	5,172,058	5,172,058	5,142,123	5,244,965	5,349,863
TECHNICAL SERVICES	8,462,875	16,530,731	18,941,186	18,933,245	17,921,211	18,779,636	19,155,232
IMS SERVICES	2,541,765	4,332,073	4,332,073	4,332,073	4,412,313	4,500,560	4,590,572
FLEET MAINTENANCE	1,556,995	2,005,500	2,005,500	2,005,500	2,511,625	2,561,857	2,613,094
ADMINISTRATIVE SERVICE FEE	1,473,935	1,600,416	1,600,416	1,600,416	1,760,460	1,795,671	1,831,585
PAYMENT IN LIEU OF TAXES	1,393,358	1,413,775	1,456,244	1,456,244	1,638,918	1,671,697	1,705,132
METRO. WATER PURCH & TREAT	16,512,885	16,969,000	16,969,000	16,969,000	17,478,070	18,002,412	18,542,484
METRO ASSESSMENT (CAPITAL)	7,021,892	7,866,115	7,866,115	7,866,115	7,866,115	7,866,115	7,866,115
RISK MANAGEMENT	893,535	1,759,300	1,759,300	1,759,300	1,764,407	1,799,695	1,835,689
TRANSFERS TO GENERAL FUND	-	14,000	21,941	4,000	-	-	-
OTHER CHARGES AND SERVICES	412,772	840,575	880,185	877,907	1,513,837	1,544,113	1,574,999
BILLING COST	1,502,572	1,618,882	1,618,882	1,618,882	1,618,882	1,651,259	1,684,284
NEW PLANT O&M COSTS	-	-	-	-	250,000	252,500	255,025
PUBLIC SERVICES / STREET SWEEPING	236,000	819,605	819,605	819,605	819,605	819,605	819,605
<b>TOTAL EXPENDITURES</b>	<b>\$ 88,475,982</b>	<b>\$ 114,620,579</b>	<b>\$ 117,838,935</b>	<b>\$ 117,810,775</b>	<b>\$ 122,794,572</b>	<b>\$ 126,417,156</b>	<b>\$ 129,651,817</b>
<b>OTHER USES</b>							
CAPITAL OUTLAY	\$ 3,686,129	\$ 6,167,835	\$ 7,090,761	\$ 7,090,761	\$ 8,235,997	\$ 6,122,835	\$ 6,122,835
CAPITAL IMPROVEMENT BUDGET	121,366,326	276,506,326	432,493,673	432,493,673	252,838,910	332,800,925	191,895,318
COST OF DEBT ISSUANCE	384,989	867,200	867,200	1,941,000	-	659,000	480,000
DEBT SERVICES	16,586,495	22,318,087	22,318,087	18,395,087	29,255,463	32,442,570	43,346,640
<b>TOTAL OTHER USES</b>	<b>\$ 142,023,939</b>	<b>\$ 305,859,448</b>	<b>\$ 462,769,721</b>	<b>\$ 459,920,521</b>	<b>\$ 290,330,370</b>	<b>\$ 372,025,330</b>	<b>\$ 241,844,793</b>
<b>TOTAL EXPENSE &amp; OTHER USES</b>	<b>\$ 230,499,921</b>	<b>\$ 420,480,027</b>	<b>\$ 580,608,656</b>	<b>\$ 577,731,296</b>	<b>\$ 413,124,942</b>	<b>\$ 498,442,486</b>	<b>\$ 371,496,610</b>
<b>EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES</b>							
	<b>\$ 131,461,998</b>	<b>\$ 784,760</b>	<b>\$ (159,343,869)</b>	<b>\$ (42,396,680)</b>	<b>\$ (90,618,712)</b>	<b>\$ (2,927,516)</b>	<b>\$ 11,828,264</b>
<b>OPERATING CASH BALANCES</b>							
BEGINNING JULY 1	\$ 72,333,355	\$ 198,868,125	\$ 198,868,125	\$ 198,868,125	\$ 156,471,445	\$ 65,852,733	\$ 62,925,217
RESTRICTED / DESIGNATED	(4,927,228)	-	-	-	-	-	-
ENDING JUNE 30	<b>\$ 198,868,125</b>	<b>\$ 199,652,885</b>	<b>\$ 39,524,256</b>	<b>\$ 156,471,445</b>	<b>\$ 65,852,733</b>	<b>\$ 62,925,217</b>	<b>\$ 74,753,481</b>
Cash Reserve Ratio	225%	174%	34%	133%	54%	50%	58%
<b>Cash reserve goal above 14%</b>							

**PUBLIC UTILITIES**  
**COMBINED WATER, SEWER, STORMWATER, AND STREET LIGHTING CASH FLOW**  
**FY 2023 BUDGET AND FY 2024-2027 FORECAST**

	ACTUAL YEAR 2020-2021	PROJECTED YEAR 2021-2022	BUDGET YEAR 2022-2023	BUDGET YEAR 2023-2024	BUDGET YEAR 2024-2025	BUDGET YEAR 2025-2026	BUDGET YEAR 2026-2027
<b>REVENUE</b>							
WATER SALES	\$ 82,480,248	\$ 85,462,346	\$ 98,266,900	\$ 113,006,900	\$ 129,957,900	\$ 145,552,800	\$ 160,108,100
SEWER CHARGES	51,516,383	58,034,937	66,740,000	73,414,000	80,755,000	88,831,000	97,714,000
STORMWATER FEES	10,889,575	10,714,550	12,321,733	13,553,906	14,909,297	15,654,762	15,654,762
STREET LIGHTING FEES	4,350,116	4,097,569	4,174,622	4,592,084	5,051,292	5,556,421	6,112,063
TOTAL SERVICES FEES AND CHARGES	\$ 149,236,322	\$ 158,309,402	\$ 181,503,255	\$ 204,566,890	\$ 230,673,489	\$ 255,594,983	\$ 279,588,925
OTHER INCOME	\$ 5,392,538	\$ 5,250,796	\$ 5,476,614	\$ 5,481,373	\$ 5,481,373	\$ 5,481,373	\$ 5,483,173
INTEREST INCOME	1,093,683	689,610	1,927,748	917,094	860,399	1,048,743	1,299,577
TOTAL OPERATING INCOME	\$ 155,722,543	\$ 164,249,808	\$ 188,907,617	\$ 210,965,357	\$ 237,015,261	\$ 262,125,099	\$ 286,371,675
<b>OPERATING EXPENDITURES</b>							
OPERATING EXPENDITURES	\$ (88,475,982)	\$ (117,810,775)	\$ (122,794,572)	\$ (126,417,156)	\$ (129,651,817)	\$ (132,981,533)	\$ (139,411,858)
<b>NET INCOME EXCLUDING DEP.</b>	<b>\$ 67,246,561</b>	<b>\$ 46,439,033</b>	<b>\$ 66,113,045</b>	<b>\$ 84,548,201</b>	<b>\$ 107,363,444</b>	<b>\$ 129,143,566</b>	<b>\$ 146,959,817</b>
<b>OTHER INCOME &amp; EXPENSE</b>							
WIFIA LOAN	\$ -	\$ 13,000,000	\$ 125,965,000	\$ 158,517,000	\$ 48,456,000	\$ 2,697,000	\$ -
NET BOND PROCEEDS	197,554,482	347,864,195	-	118,000,000	86,000,000	77,250,000	23,000,000
BIC Borrowed	384,989	1,941,000	-	659,000	480,000	432,000	129,000
BIC Paid	(384,989)	(1,941,000)	-	(659,000)	(480,000)	(432,000)	(129,000)
IMPACT FEES	6,415,863	4,714,045	3,831,670	3,831,670	3,831,670	3,831,670	3,831,670
OTHER CONTRIBUTIONS	1,791,591	3,426,443	3,711,443	3,451,443	7,451,443	4,034,620	4,034,620
SALE OF EQUIPMENT	92,451	139,125	90,500	90,500	90,500	90,500	90,500
CAPITAL OUTLAY	(3,191,423)	(5,440,761)	(6,085,997)	(3,972,835)	(3,972,835)	(3,972,835)	(3,972,835)
WATERSHED PURCHASES	(494,706)	(1,650,000)	(2,150,000)	(2,150,000)	(2,150,000)	(2,150,000)	(2,150,000)
STATE LOAN DEBT SERVICE	(2,125,000)	-	-	-	-	-	-
WIFIA LOAN REPAYMENT	-	-	-	-	-	-	-
DEBT SERVICE	(14,461,495)	(18,395,087)	(18,236,569)	(18,310,445)	(18,418,527)	(18,415,120)	(17,912,085)
NEW DEBT SERVICE	-	-	(11,018,894)	(14,132,125)	(24,928,113)	(27,427,680)	(31,796,927)
<b>OTHER INCOME &amp; EXPENSE</b>	<b>\$ 185,581,763</b>	<b>\$ 343,657,960</b>	<b>\$ 96,107,153</b>	<b>\$ 245,325,208</b>	<b>\$ 96,360,138</b>	<b>\$ 35,938,155</b>	<b>\$ (24,875,057)</b>
<b>CAPITAL GENERATION</b>							
GENERATED FOR CAPITAL	\$ 252,828,324	\$ 390,096,993	\$ 162,220,198	\$ 329,873,409	\$ 203,723,582	\$ 165,081,721	\$ 122,084,760
<b>CAPITAL IMPROVEMENTS</b>							
CAPITAL IMPROVEMENTS	\$ (121,366,326)	\$ (432,493,673)	\$ (252,838,910)	\$ (332,800,925)	\$ (191,895,318)	\$ (142,524,677)	\$ (187,512,411)
<b>OPERATING CASH BALANCES</b>							
BEGINNING CASH BALANCE	\$ 72,333,355	\$ 198,868,125	\$ 156,471,445	\$ 65,852,733	\$ 62,925,217	\$ 74,753,481	\$ 97,310,525
CASH INCREASE/(DECREASE)	131,461,998	(42,396,680)	(90,618,712)	(2,927,516)	11,828,264	22,557,044	(65,427,651)
RESTRICTED / DESIGNATED	(4,927,228)	-	-	-	-	-	-
<b>ENDING BALANCES</b>	<b>\$ 198,868,125</b>	<b>\$ 156,471,445</b>	<b>\$ 65,852,733</b>	<b>\$ 62,925,217</b>	<b>\$ 74,753,481</b>	<b>\$ 97,310,525</b>	<b>\$ 31,882,874</b>
<b>CASH RESERVE RATIO</b>	224.8%	132.8%	53.6%	49.8%	57.7%	73.2%	22.9%
<b>DEBT SERVICE COVERAGE</b>	4.05	2.52	2.26	2.61	2.48	2.82	2.96
<b>% CHANGE RESIDENTIAL UTILITY BILL*</b>		10.2%	14.3%	13.2%	13.2%	11.0%	9.3%
<b>DEBT SERVICE % OF GROSS OPERATING REVENUE</b>	9.2%	11.1%	15.5%	15.3%	17.9%	17.4%	17.3%
<b>RESIDENTIAL UTILITY BILL</b>	72.93	80.37	91.88	103.96	117.69	130.58	142.77

\* Residential Utility Bill assumes annual water consumption of 255 ccf/12 months, 4 ccf monthly of sewer, 1 Stormwater ERU (.25 acres) monthly, and 1 Street Lighting ERU (75 feet) monthly.

**PUBLIC UTILITIES  
FEES AND CHARGES PAID TO THE GENERAL FUND  
FOR SERVICES RENDERED  
OR COLLECTED BY CITY ORDINANCE**

DESCRIPTION OF SERVICES	JUNE 30, 2021 ACTUALS WATER	JUNE 30, 2021 ACTUALS SEWER	JUNE 30, 2021 ACTUALS STORM	JUNE 30, 2021 ACTUALS STREET LIGHT	JUNE 30, 2021 ACTUALS TOTALS	FY 2021/2022 BUDGET	FY 2022/2023 PROPOSED BUDGET
<b>ADMINISTRATIVE SERVICE FEES (GENERAL FUND)</b>							
HUMAN RESOURCES	x \$ 260,794	\$ 141,668	\$ 45,724	\$ 8,382	\$ 456,568	\$ 495,746	\$ 545,320
CITY ATTORNEY	x 120,382	65,394	21,105	3,868	210,749	228,835	251,718
ACCOUNTING/FINANCE	x 164,239	89,218	28,795	5,278	287,530	312,203	343,424
PURCHASING & CONTRACTS	x 84,934	46,138	14,891	2,729	148,692	161,452	177,597
CITY RECORDERS	x 59,094	32,101	10,360	1,899	103,454	112,333	123,566
PROPERTY MANAGEMENT	x -	-	-	-	-	-	-
BUDGET AND POLICY	x 51,803	28,141	9,082	1,665	90,691	98,474	108,321
TREASURER'S OFFICE (CASH MGT.)	x 45,013	24,452	7,892	1,446	78,803	85,565	94,122
DIST EMG PREP COSTS	x 54,741	29,736	9,597	1,759	95,833	104,057	114,463
CITY COUNCIL	x -	-	-	-	-	-	-
MAYOR	x -	-	-	-	-	-	-
COMMUNITY AFFAIRS	x 922	501	162	30	1,615	1,753	1,928
TOTAL ADMINISTRATIVE FEES	\$ 841,922	\$ 457,351	\$ 147,607	\$ 27,055	\$ 1,473,935	\$ 1,600,416	\$ 1,760,458
<b>TAX OR FEE AUTHORIZED</b>							
PAYMENT IN LIEU-OF-TAXES (GENERAL FUND)	\$ 385,780	\$ 809,149	\$ 124,259	\$ 74,170	\$ 1,393,358	\$ 1,413,775	\$ 1,638,918
FRANCHISE FEES (GENERAL FUND)	2,979,466	3,214,238	668,259	-	5,006,310	7,808,965	8,449,515
TOTAL TAX OR FEE AUTHORIZED	\$ 3,365,246	\$ 4,023,387	\$ 792,518	\$ 74,170	\$ 6,399,668	\$ 9,222,740	\$ 10,088,433
<b>INTERNAL SERVICE FUND SERVICES</b>							
FLEET MGT. SERVICES	\$ 1,033,140	\$ 332,753	\$ 191,101	\$ -	\$ 1,556,994	\$ 2,005,500	\$ 2,251,575
CITY DATA PROCESSING (IMS)	1,433,206	647,925	460,634	-	2,541,765	2,549,085	2,629,325
WORK DAY ALLOCATION	-	-	-	-	-	1,782,988	1,782,988
RISK MGT. ADMININSTRATIVE FEES (GOV. IMMUNITY)	x 219,969	26,547	74	-	246,590	272,250	272,252
RISK MANAGEMENT PREMIUMS & CHARGES	513,787	93,977	39,181	-	646,945	1,676,550	1,680,004
TOTAL INTERNAL SERVICE FUND SERVICES	\$ 3,200,102	\$ 1,101,202	\$ 690,990	\$ -	\$ 4,992,294	\$ 8,286,373	\$ 8,616,144
<b>SPECIAL ASSOCIATED CHARGES (INDIRECT BENEFIT)</b>							
WORK DAY (Allocation)	-	-	-	-	-	-	-
STREET SWEEPING	-	-	236,000	-	236,000	819,605	819,605
TOTAL SPECIAL ASSOCIATED CHARGES	\$ -	\$ -	\$ 236,000	\$ -	\$ 236,000	\$ 819,605	\$ 819,605
<b>TOTAL FEES, TAXES AND CHARGES</b>	<b>\$ 7,407,270</b>	<b>\$ 5,581,940</b>	<b>\$ 1,867,115</b>	<b>\$ 101,225</b>	<b>\$ 14,957,550</b>	<b>\$ 19,929,134</b>	<b>\$ 21,284,639</b>

**Public Utilities Proposed Consulting Studies for FY 2022-2023**

Division	Cost Center	Study or Project Description	Lighting	Water	Sewer	Storm	Total
Administration	5100200	Great Salt Lake Basin Study - Year 1		25,000			25,000
Administration	5103000	Special Consultant - Emergency Preparedness Plan		15,000			15,000
Administration	5103700	Public Engagement - Rate Study		30,000			30,000
Administration	5100200	Special Consultant NAWC and DNR Cloud Seeding		80,000			80,000
Administration	5100200	Special Consultant - University of Utah Climate Study		95,000			95,000
Administration	4848000	Implementation plan, and Misc. Needs	90,000				90,000
Administration	4848000	Engagement	80,000				80,000
Administration	4848000	Rate Study	50,000				50,000
Administration	5100200	Special Consultant - Measurement and Device Study		50,000			50,000
Administration	5100200	Water Supply and Demand Study - Update		50,000			50,000
Administration	4848000	Smart Cities Plan-Contribution	40,000				40,000
Administration	5100200	Sustainability Opportunities Study for Public Utilities		50,000			50,000
Engineering	5101300	AMP for Storage Reservoirs		135,000			135,000
Engineering	5210400	Jacobs Program Support - Operations share			300,000		300,000
Engineering	5210400	Sewer Master Plan Update - initiation			100,000		100,000
Engineering	5310300	Storm Water Master Plan				350,000	350,000
Engineering	5310300	Jacobs Program Support - Operations share				75,000	75,000
Engineering	5101300	Jacobs Program Support - Operations share		300,000			300,000
Engineering	5101300	Well Siting Study		285,000			285,000
Finance	5310500	Energy Retro-Commissioning Study - Sustainability Opportunities				35,000	35,000
Finance	5103200	Special Consultant		500,000			500,000
Finance	5211700	Energy Retro-Commissioning Study - Sustainability Opportunities			55,000		55,000
Finance	5103200	Diversity, Equity, and Inclusion Plan Facilitator		48,000			48,000
Finance	5211700	Diversity, Equity, and Inclusion Plan Facilitator			20,250		20,250
Finance	5310500	Diversity, Equity, and Inclusion Plan Facilitator				6,750	6,750
Finance	5103200	Utility Rate Study		287,500			287,500
Finance	5211700	Utility Rate Study			172,500		172,500
Finance	5310500	Utility Rate Study				115,000	115,000
Finance	5211700	Sampling in support of rate study			150,000		150,000
Finance	5103200	Space Needs Assessment		125,000			125,000
Finance	5211700	Space Needs Assessment			62,500		62,500
Finance	5310500	Space Needs Assessment				62,500	62,500
GIS	5101600	Special Consultant		37,500			37,500
Maintenance	5100100	Site Cleanup		60,000			60,000
Maintenance	5100300	Consultants - Wells		100,000			100,000
Maintenance	5100100	Geotech Consultants		50,000			50,000
Reclamation	5211300	Wasatch Front Water Quality Council (WFWQC)			150,000		150,000
Water Quality	5101800	Public Relations		8,000			8,000
Water Quality	5101800	Utah State University Canal Analysis		35,300			35,300
Water Quality	5101800	Water Quality Analysis-Various		70,000			70,000
Water Quality	5100600	Watershed Management Plan		50,000			50,000
Water Quality	5100600	Misc Needs		10,000			10,000
Water Quality	5100600	PR Keep it Pure Campaign-Continuous work		40,000			40,000
Water Quality	5310700	Various regulatory reports - permit compliance Stormwater				20,000	20,000
Water Quality	5100600	PMAA Remediation and Restoration Design		500,000			500,000
Water Quality	5310700	IWM-Plan and Planning Documents				150,000	150,000
Water Quality	5101000	Lead & Copper Support		250,000			250,000
Water Quality	5100600	Watershed Management Plan-Stakeholder and public engagement		50,000			50,000
			260,000	3,336,300	1,010,250	814,250	5,420,800



**Water Utility- Budget Summary and Cash Flow**

**WATER UTILITY BUDGET SUMMARY  
FY 2023-25**

SOURCES	ACTUAL 2020-2021	COUNCIL ADOPTED 2021-22	AMENDED BUDGET 2021-22	PROJECTED ACTUAL 2021-22	Rate Increase 15%	Rate Increase 15%	Rate Increase 15%
					PROPOSED BUDGET 2022-23	FORECAST BUDGET 2023-24	FORECAST BUDGET 2024-25
<b>REVENUE &amp; OTHER SOURCES</b>							
<b>REVENUES</b>							
WATER SERVICE	\$ 82,480,248	\$ 85,462,346	\$ 85,462,346	\$ 85,462,346	\$ 98,266,900	\$ 113,006,900	\$ 129,957,900
INTEREST INCOME	511,679	398,000	398,000	398,000	883,164	781,281	720,544
OTHER REVENUES	4,683,145	4,762,372	4,762,372	4,762,372	4,967,514	4,967,514	4,967,514
TOTAL REVENUES	\$ 87,675,072	\$ 90,622,718	\$ 90,622,718	\$ 90,622,718	\$ 104,117,578	\$ 118,755,695	\$ 135,645,958
<b>OTHER SOURCES</b>							
GRANTS & OTHER RELATED REVENUES	\$ 797,952	\$ 1,953,620	\$ 1,953,620	\$ 1,953,620	\$ 1,953,620	\$ 1,953,620	\$ 1,953,620
IMPACT FEES	2,392,515	1,784,670	1,784,670	1,784,670	1,784,670	1,784,670	1,784,670
SALE OF EQUIPMENT	52,678	40,500	40,500	40,500	40,500	40,500	40,500
OTHER SOURCES	-	-	-	-	-	-	-
TRANSFER FROM GENERAL FUND	342,350	-	-	-	200,000	-	-
BOND PROCEEDS	77,129,992	26,146,000	26,146,000	68,380,000	-	62,346,000	38,212,000
TOTAL OTHER SOURCES	\$ 80,715,487	\$ 29,924,790	\$ 29,924,790	\$ 72,158,790	\$ 3,978,790	\$ 66,124,790	\$ 41,990,790
<b>TOTAL REVENUE &amp; SOURCES</b>	<b>\$ 168,390,559</b>	<b>\$ 120,547,508</b>	<b>\$ 120,547,508</b>	<b>\$ 162,781,508</b>	<b>\$ 108,096,368</b>	<b>\$ 184,880,485</b>	<b>\$ 177,636,748</b>
<b>EXPENSES &amp; OTHER USES</b>							
<b>EXPENDITURES</b>							
PERSONNEL SERVICES	\$ 23,368,473	\$ 28,272,052	\$ 28,732,768	\$ 28,732,768	\$ 30,194,025	\$ 31,099,846	\$ 32,032,841
OPERATING & MAINTENANCE	4,158,381	4,839,903	4,848,439	4,848,439	5,259,214	5,364,399	5,471,687
TRAVEL & TRAINING	5,537	180,800	180,800	180,800	201,100	205,123	209,225
UTILITIES	2,467,840	2,857,150	2,857,150	2,857,150	2,913,821	2,972,098	3,031,540
TECHNICAL SERVICES	5,092,059	10,908,535	12,666,631	12,666,631	11,329,080	12,055,662	12,296,777
IMS SERVICES	1,433,206	2,486,100	2,486,100	2,486,100	2,486,100	2,535,822	2,586,538
FLEET MAINTENANCE	1,033,141	1,250,500	1,250,500	1,250,500	1,672,280	1,705,725	1,739,840
ADMINISTRATIVE SERVICE FEE	841,922	893,216	893,216	893,216	972,525	991,976	1,011,816
PAYMENT IN LIEU OF TAXES	385,780	428,864	428,864	428,864	469,767	479,162	488,745
METRO. WATER PURCH & TREAT	16,512,885	16,969,000	16,969,000	16,969,000	17,478,070	18,002,412	18,542,484
METRO ASSESSMENT (CAPITAL)	7,021,892	7,866,115	7,866,115	7,866,115	7,866,115	7,866,115	7,866,115
RISK MANAGEMENT	733,756	1,481,750	1,481,750	1,481,750	1,476,750	1,506,285	1,536,411
TRANSFERS TO GENERAL FUND	-	10,000	10,000	-	-	-	-
OTHER CHARGES AND SERVICES	(197,523)	(68,194)	(30,862)	(30,862)	52,972	54,031	55,112
TOTAL EXPENDITURES	\$ 62,857,349	\$ 78,375,791	\$ 80,640,471	\$ 80,630,471	\$ 82,371,819	\$ 84,838,656	\$ 86,869,131
<b>OTHER USES</b>							
CAPITAL OUTLAY	\$ 2,667,906	\$ 4,622,835	\$ 5,128,961	\$ 5,128,961	\$ 5,293,943	\$ 4,622,835	\$ 4,622,835
CAPITAL IMPROVEMENT BUDGET	34,622,531	39,600,000	83,573,695	83,573,695	38,989,000	89,408,500	60,683,600
COST OF DEBT ISSUANCE	125,342	146,000	146,000	380,000	-	346,000	212,000
DEBT SERVICES	2,429,413	4,620,929	4,620,929	3,944,929	6,098,053	7,788,385	10,842,541
TOTAL OTHER USES	\$ 39,845,192	\$ 48,989,764	\$ 93,469,585	\$ 93,027,585	\$ 50,380,996	\$ 102,165,720	\$ 76,360,976
<b>TOTAL EXPENSE &amp; OTHER USES</b>	<b>\$ 102,702,541</b>	<b>\$ 127,365,555</b>	<b>\$ 174,110,056</b>	<b>\$ 173,658,056</b>	<b>\$ 132,752,815</b>	<b>\$ 187,004,376</b>	<b>\$ 163,230,107</b>
<b>EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES</b>							
	\$ 65,688,018	(\$ 6,818,047)	(\$ 53,562,548)	(\$ 10,876,548)	(\$ 24,656,447)	(\$ 2,123,891)	\$ 14,406,641
<b>OPERATING CASH BALANCES</b>							
BEGINNING JULY 1	\$ 28,197,285	\$ 89,527,628	\$ 89,527,628	\$ 89,527,628	\$ 78,651,080	\$ 53,994,633	\$ 51,870,742
RESTRICTED / DESIGNATED	(4,357,675)	-	-	-	-	-	-
AVAILABLE JUNE 30	\$ 89,527,628	\$ 12,777,251	\$ 35,965,080	\$ 78,651,080	\$ 53,994,633	\$ 51,870,742	\$ 66,277,383
Cash Reserve Ratio	142%	16%	45%	98%	66%	61%	76%
<b>Cash reserve goal above 14%</b>							

**WATER UTILITY CASH FLOW**  
**FY 2023 BUDGET / FY 2024-2027 FORECAST**

	ACTUAL YEAR 2020-2021	PROJECTED YEAR 2021-2022	BUDGET YEAR 2022-2023	BUDGET YEAR 2023-2024	BUDGET YEAR 2024-2025	BUDGET YEAR 2025-2026	BUDGET YEAR 2026-2027
<b>REVENUE</b>							
WATER SALES	\$ 82,480,248	\$ 85,462,346	\$ 98,266,900	\$ 113,006,900	\$ 129,957,900	\$ 145,552,800	160,108,100
OTHER INCOME	4,683,145	4,762,372	4,967,514	4,967,514	4,967,514	4,967,514	4,967,514
INTEREST INCOME	511,679	398,000	883,164	781,281	720,544	907,516	1,112,657
OPERATING INCOME	\$ 87,675,072	\$ 90,622,718	\$ 104,117,578	\$ 118,755,695	\$ 135,645,958	\$ 151,427,830	166,188,271
<b>OPERATING EXPENDITURES</b>							
METROPOLITAN WATER ASSESSMENT	\$ (7,021,892)	\$ (7,866,115)	\$ (7,866,115)	\$ (7,866,115)	\$ (7,866,115)	\$ (7,866,115)	(7,866,115)
METROPOLITAN WATER PURCHASES	(16,512,885)	(16,969,000)	(17,478,070)	(17,827,631)	(17,483,044)	(17,832,705)	(18,189,359.00)
OPERATING EXPENDITURES	(39,322,572)	(55,795,356)	(57,027,634)	(59,144,910)	(61,519,972)	(63,256,124)	(65,042,173)
TOTAL OPERATING EXPENSES	\$ (62,857,349)	\$ (80,630,471)	\$ (82,371,819)	\$ (84,838,656)	\$ (86,869,131)	\$ (88,954,944)	\$ (91,097,647)
<b>NET INCOME EXCLUDING DEP.</b>	\$ 24,817,723	\$ 9,992,247	\$ 21,745,759	\$ 33,917,039	\$ 48,776,827	\$ 62,472,886	75,090,624
<b>OTHER INCOME &amp; EXPENSE</b>							
NET BOND PROCEEDS	\$ 77,004,650	\$ 68,000,000	\$ -	\$ 62,000,000	\$ 38,000,000	\$ 24,000,000	23,000,000
BIC Borrowed	125,342	380,000	-	346,000	212,000	134,000	129,000
BIC Paid	(125,342)	(380,000)	-	(346,000)	(212,000)	(134,000)	(129,000)
SHORT TERM FINANCING	-	-	-	-	-	-	-
IMPACT FEES	2,392,515	1,784,670	1,784,670	1,784,670	1,784,670	1,784,670	1,784,670
OTHER CONTRIBUTIONS	1,140,302	1,953,620	2,153,620	1,953,620	1,953,620	1,953,620	1,953,620
SALE OF EQUIPMENT	52,678	40,500	40,500	40,500	40,500	40,500	40,500
CAPITAL OUTLAY	(2,173,200)	(3,478,961)	(3,143,943)	(2,472,835)	(2,472,835)	(2,472,835)	(2,472,835)
WATERSHED AND WATER RIGHTS PURCHASES	(494,706)	(1,650,000)	(2,150,000)	(2,150,000)	(2,150,000)	(2,150,000)	(2,150,000)
DEBT SERVICE	(2,429,413)	(3,944,929)	(3,944,053)	(3,997,385)	(4,076,541)	(4,076,541)	(4,076,142)
NEW DEBT SERVICE	-	-	(2,154,000)	(3,791,000)	(6,766,000)	(7,601,000)	(9,835,000)
<b>OTHER INCOME &amp; EXPENSE</b>	\$ 75,492,826	\$ 62,704,900	\$ (7,413,206)	\$ 53,367,570	\$ 26,313,414	\$ 11,478,414	8,244,813
<b>CAPITAL GENERATION</b>							
GENERATED FOR CAPITAL	\$ 100,310,549	\$ 72,697,147	\$ 14,332,553	\$ 87,284,609	\$ 75,090,241	\$ 73,951,300	83,335,437
<b>CAPITAL IMPROVEMENTS</b>							
CAPITAL IMPROVEMENTS	\$ (34,622,531)	\$ (83,573,695)	\$ (38,989,000)	\$ (89,408,500)	\$ (60,683,600)	\$ (57,315,400)	(141,417,005)
<b>OPERATING CASH BALANCES</b>							
BEGINING CASH BALANCE	\$ 28,197,285	\$ 89,527,628	\$ 78,651,080	\$ 53,994,633	\$ 51,870,742	\$ 66,277,383	82,913,283
CASH INCREASE/(DECREASE)	65,688,018	(10,876,548)	(24,656,447)	(2,123,891)	14,406,641	16,635,900	(58,081,568)
RESTRICTED / DESIGNATED	(4,357,675)	-	-	-	-	-	-
<b>ENDING CASH</b>	\$ 89,527,628	\$ 78,651,080	\$ 53,994,633	\$ 51,870,742	\$ 66,277,383	\$ 82,913,283	24,831,715
<b>DEBT SERVICE COVERAGE</b>	<b>10.22</b>	<b>2.53</b>	<b>3.57</b>	<b>4.35</b>	<b>4.50</b>	<b>5.35</b>	<b>5.40</b>
<b>RATE CHANGE</b>	<b>0%</b>	<b>8%</b>	<b>15%</b>	<b>15%</b>	<b>15%</b>	<b>12%</b>	<b>10%</b>
<b>Cash Reserve Ratio (Total Cash)</b>	<b>142%</b>	<b>98%</b>	<b>66%</b>	<b>61%</b>	<b>76%</b>	<b>93%</b>	<b>27%</b>
DEBT SERVICE % OF GROSS OPERATING REVENUE	3%	4%	6%	6%	8%	8%	8%
MONTHLY RESIDENTIAL BILL (255 ccf annually/12 mos.)	46.41	50.15	57.68	66.34	76.30	85.46	94.01



**WATER UTILITY CIP BUDGET**  
**Five Year Projected Budget 2023-2027**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2021-2022	BUDGET YEAR 2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	DELAYED
<b>51-01301-2720.10</b>												
<b>MAINTENANCE &amp; REPAIR SHOPS</b>												
01401		2015-0460	DISTRIBUTION AND ELECTRICAL BARN	4	4							850,000
			CAMPUS	5	5						37,000,000	75,000,000
03201	512185		FUEL PUMP AWNINGS	5	0							250,000
			<b>TOTAL MAINTENANCE &amp; REPAIR SHOPS</b>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 37,000,000	\$ 76,100,000
<b>51-01301-2720.30</b>												
<b>TREATMENT PLANTS</b>												
01301		2021-1090	FY 22/23 WATER PLANTS CAPITAL PROJECT SUPPORT	4/5	4/5		650,000	1,000,000	500,000	350,000	350,000	
01301		2020-1168	FY 22/23 WATER PLANTS COMPLIANCE PROJECTS	5	1		1,000,000	4,000,000	2,000,000	2,000,000	2,000,000	7,000,000
			<b>Shared for all WTPs Total</b>				<b>1,650,000</b>	<b>5,000,000</b>	<b>2,500,000</b>	<b>2,350,000</b>	<b>2,350,000</b>	<b>7,000,000</b>
<b>CITY CREEK</b>												
00701	512260079	2017-2043	TREATMENT PLANT UPGRADES	5	5	1,450,000	1,750,000	2,000,000	300,000			4,500,000
00701	512260089	2021-1019	CITY CREEK TREATMENT PLANT UPGRADES - PACKAGE 1	5	0							
00701		2021-1092	CITY CREEK TREATMENT PLANT UPGRADES - PACKAGE 2	5	4			6,000,000	3,000,000			
00701		2021-1078	CITY CREEK TREATMENT PLANT UPGRADES - PACKAGE 4	5	0				6,000,000			
00701		2021-1095	CITY CREEK TREATMENT PLANT UPGRADES - PACKAGE 3	4	5							37,500,000
00701	512260084		CITY CREEK TREATMENT PLANT UPGRADES - PUBLIC ENGAGEMENT	5	0	300,000	300,000	300,000	300,000	300,000		900,000
00701		2021-1077	City Creek WTP ADVANCED TREATMENT	4	0							5,000,000
00701	512260081		SCADA SYSTEM UPGRADES	5	5	250,000						
			<b>TOTAL CITY CREEK</b>			\$ 2,000,000	\$ 2,050,000	\$ 8,300,000	\$ 9,600,000	\$ 300,000	\$ -	\$ 47,900,000
<b>PARLEY'S</b>												
00801	512450090		PARLEY'S ENTRANCE GATE REPLACEMENT	5	1	300,000	300,000					
00801	512450088	2020-1183	PARLEY'S WTP - RAW WATER INTAKE & PRIORITY IMPROVEMENTS II	5	4	1,058,000	700,000	12,000,000	4,000,000			
00801			PARLEY'S WTP - BUILDING IMPROVEMENTS	4	5		200,000					
00801		2016-0867	PARLEY'S WTP ROOF REPLACEMENT	4	5			2,000,000				
00801		2021-1053	PARLEY'S WTP ACCESS CONTROL IMPROVEMENTS	4	0							500,000
00801		2021-1016	PARLEY'S WTP BACKWASH TANK IMPROVEMENTS	4	3							500,000
00801		2021-1097	PARLEY'S WTP REBUILD - ALTERNATIVES ANALYSIS	4	0				300,000			
00801		2020-1182	PARLEY'S WTP FILTER REHAB	4	4						1,500,000	15,000,000
00801		2020-1179	PARLEY'S WTP NEW CHEMICAL FACILITIES	5	4						1,400,000	14,000,000
00801		2020-1181	Parleys WTP - New Electrical FACILITIES	5	4							10,000,000
00801		2020-1190	PARLEY'S WTP - FILTER & OPERATIONS BLDG REBUILD & RESERVOIR	4	4							75,000,000
00801		2020-1184	PARLEY'S WTP STILLING TOWER AND BASIN REBUILD	5	4							1,875,000
00801		2020-1180	PARLEY'S WTP - CLARIFIER & CLARIFIER PUMP STATION REBUILD	4	4							3,000,000
00801		2020-1189	PARLEY'S WTP PAC STORAGE & FEED	3	0							1,500,000
			<b>TOTAL PARLEY'S</b>			\$ 1,358,000	\$ 1,200,000	\$ 14,750,000	\$ 4,300,000	\$ 1,500,000	\$ 16,400,000	\$ 106,375,000
<b>BIG COTTONWOOD</b>												
00901	512627474	2020-1032	BIG COTTONWOOD WTP REBUILD (ENGINEERING)	4	4	2,200,000	4,000,000	8,500,000	2,500,000	1,200,000	1,500,000	11,350,000
00901		2020-1134	BCWTP REBUILD - CM/GC (Design Phase)	5	4					12,000,000	60,000,000	108,000,000
00901		2020-1135	BCWTP REBUILD - RAW WATER PUMP STATION	5	4			12,000,000				
00901	512627479	2020-1075	BIG COTTONWOOD WTP REBUILD - PUBLIC ENGAGEMENT	5	4	300,000	300,000	300,000	300,000	300,000	300,000	300,000
			<b>TOTAL BIG COTTONWOOD</b>			\$ 2,500,000	\$ 4,300,000	\$ 20,800,000	\$ 2,800,000	\$ 13,500,000	\$ 61,800,000	\$ 119,650,000
			<b>TOTAL TREATMENT PLANTS</b>			\$ 5,858,000	\$ 9,200,000	\$ 48,850,000	\$ 19,200,000	\$ 17,650,000	\$ 80,550,000	\$ 280,925,000
<b>51-01301-2720.35</b>												
<b>PUMPING PLANTS AND PUMP HOUSES</b>												
01301		2021-1103	EMIGRATION PUMP STATION DRAIN FIELD	5	5		50,000					
01301	513416364	2016-1282	BONNEVILLE AND EAST BENCH PUMP STATION - PUMP UPGRADES	5	5							
01301	513505271	2015-0378	UPLAND DR PROJECT	4	5							
01301	513800033	2015-0555	3900 SOUTH BIRCH DRIVE VALVE VAULT	4	4							
01301	513416359	2016-0888	3900 SOUTH PUMP STATION	4	4							

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COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2021-2022	BUDGET YEAR 2022-2023					DELAYED
							2023-2024	2024-2025	2025-2026	2026-2027		
01301			3900 SOUTH PUMP STATION PHASE 2 - 3900 SOUTH PUMP STATION & EDWARDS DRIVE	4	4			4,000,000				
01301			3900 SOUTH PUMP STATION PHASE 3 - SUPPLY AND HIGH PRESSURE PIPELINES	4	4				6,000,000			
01301			3900 SOUTH PUMP STATION PHASE 4 - PUMP STATION CONNECTIONS	4	4					1,500,000		
01301	513416366	2015-0531	GOLDEN HILLS PUMP STATION	3	5	200,000						
01301	513416367	2016-1208	5TH AND U PUMP STATION IMPROVEMENTS	4	4	1,300,000						
01301	513416361	2015-0563	OAKHILLS PUMP STATION - MCC - VFD - PUMP UPGRADE	3	3							1,500,000
01301	513416376	2016-0937	ENSIGN DOWNS PS VFD	3	3	50,000						
01301	513416336	2015-0428	MP 3.12 B - 7800 SOUTH AUXILIARY POWER	3	3				305,000			
01301		2016-1179	300 EAST PUMP STATION BACKUP POWER	3	3				700,000			
01301		2016-1180	3300 SOUTH BOOSTER PUMP STATION BACKUP POWER	3	3			400,000				
01301		2016-1181	KENTON DRIVE PUMP STATION BACKUP POWER	3	3			400,000				
01301		2016-1183	VIRGINIA AND MILLCREEK PUMP STATION BACKUP POWER	3	3			400,000				
01301		2016-1184	EASTWOOD PUMP STATION BACKUP POWER	3	3			400,000				
01301		2016-1185	MILLCREEK PUMP STATION BACKUP POWER	3	3							400,000
01301		2016-1186	39TH AND BIRCH PUMP STATION BACKUP POWER	3	3							400,000
01301		2016-1187	CANYON COVE PUMP STATION BACKUP POWER	3	3				400,000			
01301		2016-1188	7800 SOUTH PUMP STATION BACKUP POWER	3	3			400,000				
01301		2016-1189	GOLDEN HILLS PUMP STATION BACKUP POWER	3	3					400,000		
01301		2016-1190	CARRIGAN COVE PUMP STATION BACKUP POWER	3	3					400,000		
01301		2016-1173	NORTH BENCH PUMP STATION BACKUP POWER	3	3					400,000		
01301		2016-1175	UNIVERSITY PUMP STATION BACKUP POWER	3	3							400,000
01301		2016-1176	RESEARCH PARK PUMP STATION BACKUP POWER	3	3							400,000
01301		2016-1177	OAK HILLS PUMP STATION BACKUP POWER	3	3			500,000				
01301		2016-1178	BONNEVILLE PUMP STATION BACKUP POWER	3	3							400,000
01301		2016-1191	3900 SOUTH BOOSTER PUMP STATION BACKUP POWER	3	3							400,000
01301		2016-1192	6200 SOUTH IRRIGATION PUMP STATION BACKUP POWER	3	3				500,000			
01301		2016-1193	EMIGRATION PUMP STATION BACKUP POWER	3	3				400,000			
01301		2016-1223	5TH AVE AND U ST PUMP STATION VFD'S	3	3							200,000
01301		2016-1224	ARLINGTON HILLS PUMP STATION VFD'S	3	3							200,000
01301		2016-1225	NORTH BENCH PUMP STATION VFD'S	3	3							200,000
01301		2016-1226	5TH AVE AND U ST PUMP STATION PIPING	3	3							200,000
01301		2017-2009	REPAIR AND LINE OF UNIVERSITY DRAIN LINE	2	3							10,000
01301		2015-0517	4500 SOUTH PUMP STATION BLACK TOP	1	3							25,000
01301		2015-0522	RECURRING PUMP STATION REPAIR FUND	3	0							200,000
01301	513416329	2015-0169	UV UPGRADE 6200 SOUTH PUMP STATION	1	2							300,000
01301		2016-1194	ENSIGN DOWNS PUMP STATION BACKUP POWER	3	0							400,000
01301		2015-0172	MP 3.8C - VICTORY ROAD - ENSIGN DOWNS PHASE II - PROPERTY PURCHASE - IF	4	0							500,000
01301		2015-0173	4500 SOUTH PUMP STATION (BACK UP)	5	0							1,500,000
			<b>TOTAL PUMPING PLANTS AND PUMP HOUSES</b>			\$ 1,550,000	\$ 50,000	\$ 6,100,000	\$ 8,705,000	\$ 2,700,000	\$ -	\$ 7,635,000
<b>51-01301-2730.02</b>			<b>CULVERTS FLUMES &amp; BRIDGES</b>									
01301	5129264		JSL CANAL CONDUIT REPLACEMENT - SUGARHOUSE	5	5							150,000
01301	512900272	2015-0432	VARIOUS CANAL IMPROVEMENTS	5	5	25,000	25,000	25,000				25,000
01301	512900273	2016-0737	IRRIGATION SCADA IMPROVEMENTS	5	5	20,000	20,000	20,000				20,000
01301		2016-0816	ROCKHOUSE DUMP - INTAKE IMPROVEMENT	5	4			78,500				
01301	513000034	2016-0858	FLUME FROM DOUBLE BARRELS TO RAILROAD TRACKS	4	4	1,000,000	1,500,000					
01301	5129246	2015-0158	REPLACE FLUME/AUTO DUMP AND JSL CANAL ENCLOSURE @ MILLCREEK	4	4	468,000						
01301	512900274	2017-2076	HEADGATE REHABILITATION 18/19	4	4	20,000	20,000	20,000				
01301	513000026	2015-0161	E JORDAN TOWER - IMPROVED ACCESS	3	5			150,000				
01301	512900278	2016-1167	6200 SOUTH LIFT STATION WEIR PROTECTION	3	5			250,000				
01301	5129231	2015-0152	JSL CANAL - 1750 S EMIGRATION DIVERSION STRUCTURE REBUILD	4	3			50,000	290,000			
01301	5129233	2015-0604	JSL 3800 S REHAB FLOOR AND LEAKAGE	3	4			18,000				
01301	5129251	2015-0151	JSL ENCLOSURE FROM 1300 EAST TO MILLCREEK	3	3					997,000		997,000
01301	5129249	2015-0149	NEW IRRIGATION CONDUIT ON HARVARD AVENUE	4	0		50,000	402,000				1,300,000
01301	513000038	2016-0865	OIL SEPARATORS AND DRAINAGE SYSTEM FOR THE ARTESIAN SHOP	4	0				1,200,000			
01301		2016-1165	LOW FLOW CHANNEL AT SPENCER'S POND (BIG COTTONWOOD CREEK)	4	0			300,000				
01301	5129232	2015-0602	JSL CANAL - MODIFY BIG SPILL TO HANDLE TEMPORARY PUMP	2	2			82,000				1,000,000
01301		2016-0749	J&S DIVERSION STRUCTURE AT 2700 SOUTH	2	0							2,000,000

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COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2021-2022	BUDGET YEAR 2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	DELAYED
01301	5129242	2015-0153	PIPING DITCH ON JSL, OSAGE ORANGE AVENUE TO LINCOLN LANE	1	0							17,000
01301		2015-0160	DESPAINE IRRIGATION SYSTEM IMPROVEMENTS	3	3							406,000
01301		2015-0603	JSL CANAL/JORDAN RIVER STABILIZATION AT EAST JORDAN DUMP	4	4							500,000
01301		2018-1019	14600 SO. CANAL OVER FLOW STRUTURE	3	3							300,000
01301		2018-1080	3900SO STORM DRAIN OVER FLOW	2	4							50,000
01301		2018-1082	LITTLE TANNER PIPE PROJECT	2	0							50,000
			<b>TOTAL CULVERTS FLUMES &amp; BRIDGES</b>			\$ 1,533,000	\$ 1,615,000	\$ 1,395,500	\$ 1,490,000	\$ 1,397,000	\$ 45,000	\$ 6,770,000
<b>51-01301-</b>	<b>2730.04</b>		<b>DEEP PUMP WELLS</b>									
01301		2019-1184	BRINTON SPRINGS WELL IMPROVEMENTS	5	4	405,000	486,000					
01301	51322336	2015-0171	WELL TREATMENT PROJECT - 1500 EAST WELL	5	4	425,000	510,000					100,000
01301	513223429	R20-0295	WELL SANITARY SURVEY DEFICIENCIES			800,000						
01301		2019-1185	EDGEWOOD WELL IMPROVEMENTS					400,000				
01301		2019-1186	ELLISON WELL IMPROVEMENTS					400,000				
01301		2019-1187	FONTAIN BLEU WELL IMPROVEMENTS					400,000				
01301	5132245	2015-0429	WELL ASSESSMENT AND UPGRADES	5	5			200,000	200,000	200,000		
01301	5132270	2015-0430	WELL BUILDING STRUCTURE UPGRADES	5	5			100,000	100,000	100,000		
01301			DESIGN FOR NEW WELL SOURCE									250,000
01301		2016-0820	DYERS INN	4	4							
01301		2017-2071	DYER'S INN WELL FLUSH LINE	4	4							
01301		2016-0911	1300 E WELL CHLORINATION	3	4							400,000
01301	5132255	2015-0571	ARTESIAN WELL 2 REHAB	4	0							250,000
01301	5132249	2015-0565	19TH AND 27TH SOUTH WELL - VFD	3	0							60,000
01301	5132246	2015-0570	TREATMENT OF PCE AT WELLS	3	0							12,000,000
01301	5132241	2015-0569	RED BUTTE	2	0							2,500,000
01301		2018-1091	VAN WINKLE PROPERTY FENCE	1	5			20,000				
			<b>TOTAL DEEP PUMP WELLS</b>			\$ 1,630,000	\$ 996,000	\$ 1,520,000	\$ 300,000	\$ 300,000	\$ -	\$ 15,560,000
<b>51-01301-</b>	<b>2730.06</b>		<b>STORAGE RESERVOIRS</b>									
			<b>MOUNTAIN DELL DAM</b>									
01301	5134458	2015-0155	REHABILITATION OF MOUNTAIN DELL DAM	5	4							
01301	5124512	2015-0209	REPLACE VALVES ON MT. DELL DAM	4	4	320,000						
01301	5124509	2015-0451	STAIRS MT DELL DAM	2	3		75,000					
01301	512700015	2018-1106	MOUNTAIN DELL DAM SPILLWAY REHABILITATION	5	4		600,000	500,000				
01301	512700023	R20-0237	MOUNTAIN DELL DAM REHABILITATION - REVEGATATION OF DISTURBED AREAS	4	5	250,000						
01301	512700022	R20-0197	MOUNTAIN DELL DAM REHABILITATION - RESERVOIR WATER MANAGEMENT	5	4	100,000						
01301			REHABILITATION OF MOUNTAIN DELL DAM -LOWER DAM WATERPROOFING	5	4	500,000						
01301			REHABILITATION OF MOUNTAIN DELL DAM- CONCRETE REPAIRS AND MONITORING	5	4	250,000			750,000			
			<b>TOTAL MOUNTAIN DELL</b>			\$ 1,420,000	\$ 675,000	\$ 500,000	\$ 750,000	\$ -	\$ -	\$ -
			<b>LITTLE DELL DAM</b>									
01301	5134468	2015-0607	LITTLE DELL RESTORE PARLEY'S DIVERSION EXTERIOR COATING	4	4		40,000					
01301	5134478	2015-0164	LITTLE DELL DAM - INSTALL NEW DRAINS ON THE PORTAL	3	3		60,000					27,000
01301		2016-1278	SECURITY CAMERAS AT LITTLE DELL	3	3			50,000				50,000
01301	5134457	2015-0166	NEW STAFF GAGE AT LITTLE DELL DAM	3	3			175,000				153,000
01301		2020-1007/8	LITTLE DELL PENSTOCK AND DIVERSION WINTERIZATION	4	4		150,000					
01301		2018-1108	LITTLE DELL DAM STAFF GAUGE	3	0							175,000
01301			LITTLE DELL DAM - ADIT PIPE COATING REPAIRS	5	4	40,000	160,000					
01301			LITTLE DELL DAM - PORTAL WALL REPAIRS	5	4			100,000				
01301			LITTLE DELL DAM - BULKHEAD GATE EVALUATION AND REPAIR	5	5	20,000						
01301			LITTLE DELL DAM - NEW ENTRANCE SECURITY GATE	5	3		40,000					
			<b>TOTAL LITTLE DELL</b>			\$ 60,000	\$ 450,000	\$ 325,000	\$ -	\$ -	\$ -	\$ 435,000
			<b>PARLEYS CANYON</b>									
01301	5134476		CHEVRON OIL SPILL PROTECTION PROJECT									
01301		2015-0208	CONDUIT FROM DAM TO OLD ICB TO PLANT	2	2							20,000
01301	5134466	2015-0156	PARLEY'S CANYON HYDROPOWER PROJECT	1	0							1,100,000
01301		2018-1034	SPILL PROTECTION PROJECT - I-80 AT LAMB'S CANYON	5	0							240,000

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01301	512700011	2018-1103	PARLEYS CANYON CONDUIT AND FIBER INSTALLATION	4	0							100,000
			<b>TOTAL PARLEYS CANYON</b>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,460,000
			<b>RED PINE DAM</b>									
01301	5134455	2015-0167	RED PINE DAM REHABILITATION	5	4	-		100,000	1,000,000			
			<b>TOTAL RED PINE DAM</b>			\$ -	\$ -	\$ 100,000	\$ 1,000,000	\$ -	\$ -	\$ -
			<b>CECRET DAM</b>									
01301	512700005	2016-1272	CECRET DAM REHABILITATION - DESIGN	4	3					2,000,000		2,000,000
		2018-1109	CECRET LAKE FLOW METER AND TELEMETRY	4	0				60,000			
			CECRET DAM REHABILITATION - OUTLET WORKS	4	4				50,000			
			<b>TOTAL CECRET DAM</b>			\$ -	\$ -	\$ -	\$ 110,000	\$ 2,000,000	\$ -	\$ 2,000,000
			<b>LAKE MARY DAM</b>									
01301	512700016	2018-1100	LAKE MARY DAM CREST REHABILITATION	5	5	90,000		100,000				
01301	512700013	2018-1102	TWIN LAKE AND LAKE MARY OUTLET CHANNEL IMPROVEMENTS	5	5	50,000			100,000			
01301		2018-1105	TWIN LAKES AND LAKE MARY LOG BOOMS	3	5	10,000						
01301			TWIN LAKES DAM - GATE REPAIRS				1,000,000	500,000				
			<b>TOTAL LAKE MARY DAM</b>			\$ 150,000	\$ 1,000,000	\$ 600,000	\$ 100,000	\$ -	\$ -	\$ -
			<b>TWIN LAKES DAM</b>									
01301		2018-1101	TWIN LAKES DAM GAUGE RELOCATION	3	4			50,000	20,000			
01301	512700012	2018-1104	TWIN LAKES DAM DRAIN CLEANOUT INSTALLATION	4	5				40,000			
			TWIN LAKES DAM - GATE REPAIRS					20,000				
			<b>TOTAL TWIN LAKES</b>			\$ 20,000	\$ -	\$ 50,000	\$ 60,000	\$ -	\$ -	\$ -
			<b>RED BUTTE DAM</b>									
01301	512700003	2017-2079	REPAIRS AND IMPROVEMENTS TO RED BUTTE DAM ROAD	3	4							20,000
			<b>TOTAL RED BUTTE DAM</b>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000
			<b>TOTAL STORAGE RESERVOIRS</b>			\$ 1,650,000	\$ 2,125,000	\$ 1,575,000	\$ 2,020,000	\$ 2,000,000	\$ -	\$ 3,915,000
			<b>DISTRIBUTION RESERVOIRS</b>									
<b>51-01301-2730.07</b>			<b>DISTRIBUTION RESERVOIRS</b>									
01301	513444164	2017-2067	MARCUS RESERVOIR TANK UPGRADES	5	5		1,000,000					
01301	513444166	2015-0573	AM - TANK AND RESERVOIR INSPECTIONS AND REPAIRS	5	5	100,000	80,000	100,000	100,000	100,000	100,000	100,000
01301	5134507	2016-1171	FORT DOUGLAS IMPROVEMENTS/EXPANSION	5	4							
01301	513444159	2015-0174	MILITARY RESERVOIR REPAIR	5	3							11,020,000
01301	513444168	2017-2111	TANNER RESERVOIR ROOF REPLACEMENT/FULL REPLACEMENT	4	4	450,000		3,000,000				
01301	513444715	2015-0719	DISTRIBUTION TANK AND RESERVOIR PAVING	4	4			80,000	80,000			
01301	513444180	2016-0753	BASKIN OVERFLOW/DRAIN GOOSENECK BOX	4	4	100,000						
01301		2017-2061	TETON TANKS SLOPE STABILIZATION	4	3		50,000					
01301	513444174	2015-0525	PERRY HOLLOW TANK	2	5	400,000		570,000				
01301	5134471	2015-0459	TANK PAINTING AND CORROSION CONTROL	3	3	100,000	80,000	100,000	100,000			
01301		2016-0935	ENSIGN DOWNS OVERFLOW	3	3							150,000
01301		2015-0516	MOUNT OLYMPUS TANKS & PUMP STATION BLACKTOP	2	4							25,000
01301		2015-0499	RAINER TANK	2	2							280,000
01301		2016-0917	ENSIGN DOWNS LOWER RESERVOIR MODIFICATIONS	2	2							200,000
01301		2015-0520	NORTH BENCH TANK ROAD	1	3							45,000
01301		2015-0526	VICTORY ROAD	1	3							22,000
01301		2016-0754	CAPITOL HILLS TANKS - TRUCK ACCESS	3	0							200,000
01301		2015-0528	NEFFS CANYON TANK	1	3							55,000
01301		2015-0529	EMIGRATION TANK UPGRADES	1	2							60,000
01301		2015-0530	TETON TANK UPGRADES	1	2							35,000
01301		2017-2010	COVE TANK STABILIZATION PROJECT	2	3		200,000					
01301		2017-2012	TELFORD FENCE	3	0				30,000			
01301		2017-2013	EAST BENCH TANKS DRAIN LINE GOOSENECK	1	3				25,000			
01301		2017-2059	VICTORY ROAD TANK OVERFLOW DRAIN	4	4							50,000
01301		2017-2064	CARRIGAN COVE TANK POWER	2	3			50,000				
01301		2017-2112	GRANITE OAKS/TELFORD RESERVOIR REPAIRS	3	3			50,000				

**WATER UTILITY CIP BUDGET**  
**Five Year Projected Budget 2023-2027**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2021-2022	BUDGET YEAR 2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	DELAYED
01301		2017-2118	GRANITE OAKS ACCESS ROAD	1	4			100,000				
01301	513444181	2018-1023	BASKIN RESERVOIR EFFLUENT PIPE	4	4	500,000						
01301	513444172	2018-1024	BASKIN ROOF REPLACEMENT	5	5				2,000,000			
01301		2018-1031	MILITARY RESERVOIR - JOINT SEALANT REPAIR	5	4			20,000				
01301		2018-1032	MILITARY RESERVOIR - REPAIR INLET/OUTLET PIPE	5	4			50,000				
01301		2018-1033	MILITARY RESERVOIR CONDITION ASSESSMENT	5	4			20,000				
01301	513444179	2020-1094	MCINITIRE RESERVOIR ROOF DEFICIENCY STRUCTURAL ASSESSMENT	5	4	700,000		50,000				
01301		2018-1092	FENCE 300 EAST GORDON LANE	1	4							
			<b>TOTAL DISTRIBUTION RESERVOIRS</b>			\$ 2,350,000	\$ 1,410,000	\$ 4,190,000	\$ 2,335,000	\$ 100,000	\$ 100,000	\$ 12,287,000
<b>51-01301-</b>	<b>2730.08</b>		<b>DISTRIBUTION MAINS &amp; HYDRANTS</b>									
			<b>CITY, COUNTY, STATE AND MISC. DRIVEN PROJECTS</b>									
01301	513505425	2020-1066	2100 SOUTH - HIGHLAND TO YUMA			1,200,000						
01301	513505272	2016-1233	WATER MAIN REPLACEMENT - 900 SOUTH	5	5							
01301	513505273	2016-0744	1300 EAST - WATER LINE	3	4							2,200,000
01301	513505312	2015-0431	CITY/COUNTY/STATE DRIVEN PROJECTS	5	5	250,000	200,000	250,000	250,000	250,000	250,000	
01301		2016-1264	NW QUADRANT (DEVELOPMENT) PIPE UPSIZE	5	5							1,400,000
01301	513600099	2017-2056	ENERGY EFFICIENCY/RENEWABLE ENERGY CAPITAL IMPROVEMENTS	5	5							1,500,000
01301			ROADWAY BOND WATERLINE PROJECT CONTINGENCY			250,000	50,000					
01301	513505308	2015-0398	UPPER CONDUIT METER REPLACEMENT	4	5							
01301	514400106	2018-1081	STATE IPS RESOLUTIONS	4	4			200,000			200,000	
01301	513505412	2019-1096	900 SOUTH - 900 WEST TO 900 EAST									
01301	513505410	2019-1097	300 WEST - 900 SOUTH TO 2100 SOUTH			1,300,000						
01301			1100 EAST HIGHLAND , RAMONA TO WARNOCK									
01301			LOCAL STREETS DISTRICT 4 & 7									
01301			1100 EAST - 900 SOUTH TO RAMONA			400,000	4,500,000					
01301			W TEMPLE - NORTH TEMPLE TO 400 SOUTH					800,000				
01301			LOCAL STREETS 3 & 6					200,000				
01301			VIRGINIA STREET - SOUTH TEMPLE TO 11TH AVE					100,000				
01301			1300 EAST - 2100 SOUTH TO 3000 SOUTH					700,000				
01301	513505409	2018-1079	2100 SOUTH - 700 EAST TO 1700 EAST	3	4				1,800,000			
01301			LOCAL STREETS DISTRICT 1, 4 & 5					200,000				
01301			GLADIOLA STREET - 900 SOUTH TO CALIFORNIA									50,000
01301			300 WEST - 400 SOUTH TO 900 SOUTH									2,000,000
01301			WAKARA WAY - FOOTHILL DRIVE TO CHIPETA WAY									150,000
			<b>TOTAL CITY, COUNTY, STATE AND MISC. DRIVEN PROJECTS</b>			\$ 3,400,000	\$ 4,750,000	\$ 2,250,000	\$ 2,250,000	\$ 250,000	\$ 450,000	\$ 7,300,000
			<b>WATER MAIN MISCELLANEOUS PROJECTS</b>									
01301			TASK 1 PROGRAM MANAGEMENT SERVICES (Jacobs)				360,000					
01301			TASK 7 WATER DISTRIBUTION CAPITAL PROJECT DELIVERY				500,000					
01301	513505490		EMERGENCY REPAIRS			500,000	200,000	500,000	500,000	500,000	500,000	
01301	514500020	2015-0491	REGULATOR REPLACEMENT	5	5	200,000	200,000	200,000	200,000	300,000	300,000	
01301	513302118	2015-0493	NEW MAINLINE VALVES - COUNTY	5	5	135,000	108,000	135,000	135,000	138,000	138,000	
03301	513505311	2015-0489	NEW WATER LINES - CONTRIBUTIONS BY DEVELOPERS	5	5	50,000	500,000	500,000	500,000	500,000	500,000	
01301	513505310	2015-0490	FIRE HYDRANT REPLACEMENTS	5	5	250,000	200,000	250,000	250,000	400,000	400,000	
01301	513505309	2015-0492	NEW MAINLINE VALVES - CITY	5	5	250,000	200,000	250,000	250,000	262,000	262,000	
01301	512800041	2019-1183	NEW PRV AT 3300 S HIGHLAND DR - E6-R51									
01301	514500019	2016-0961	4TH AND A PRV	4	5							
01301		2016-0958	10TH AND B PRV	3	4			225,000				
01301		2019-1190	BIG COTTONWOOD CONDUIT PIPE INSPECTION						300,000			
01301		2016-0751	RECONNECTION OF 1700 SOUTH AND FOOTHILL UTILITIES	2	4							20,000
01301	513505407	2020-1031	UPPER CONDUIT REPAIR DESIGN			1,008,000						
01301	513505476	2020-1109	UPPER CONDUIT REPAIR CONSTRUCTION				2,225,000	2,808,000	1,293,600	6,222,000	6,222,000	5,000,000
01301	513600098	2017-2072	SAMPLING TAPS	3	3							10,000
01301		2016-0923	SAM PARK INLET VAULT	3	3					35,000		
01301		2016-0959	10TH AND E PRV	3	3					210,000		
01301		2016-0960	8TH AND L PRV	3	3							210,000
01301		2016-0914	CONNECTIONS AT RR	4	0							440,000

**WATER UTILITY CIP BUDGET**  
**Five Year Projected Budget 2023-2027**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2021-2022	BUDGET YEAR	2023-2024	2024-2025	2025-2026	2026-2027	DELAYED
							2022-2023					
01301	513600103		CORROSION CONTROL PROGRAM									
01301		2020-1071	CORROSION PROGRAM RETROFITTING					80,000	80,000	100,000	100,000	
01301	514500023	2021-1049	C12-R15 PRV REPLACEMENT	5	4	250,000						
01301	514506	R19-0114	1000 EAST 500 SOUTH PRV									
01301	513505206	R20-0245	STATE ST/NORTH TEMPLE RECONNECT MAIN	5	5	1,600,000						
01301		2020-1003	TRANSMISSION LINE VALVE REPLACEMENT ALONG 500 S	4	4			210,000				
			<b>TOTAL WATER MAIN MISCELLANEOUS PROJECTS</b>			\$ 4,243,000	\$ 4,493,000	\$ 5,158,000	\$ 3,508,600	\$ 8,667,000	\$ 8,422,000	\$ 5,680,000
								-				
			<b>WATER MAIN REPLACEMENTS</b>									
01301			FY 21/22 WATER MAIN REPLACEMENT	5	4	2,300,000	2,300,000					
01301			FY 22/23 WATER MAIN REPLACEMENT - INDIANA AVE									
01301			FY 23/24 WATER MAIN REPLACEMENT					2,000,000				
01301			FY 24/25 WATER MAIN REPLACEMENT						4,000,000			
01301			FY 25/26 WATER MAIN REPLACEMENT							7,000,000		
01301			FY 26/27 WATER MAIN REPLACEMENT								8,000,000	
01301	513302134	2019-1170	VINE STREET WATER MAIN REPLACEMENT									
01301	513302017	2015-0618	900 EAST AND 5600 SOUTH WATER MAIN REPLACEMENT	5	5			2,000,000				
01301	513505484	2016-0921	BACKFEED FOR UTAH STATE CAPITOL	5	4	60,000						
01301	513505193	2015-0235	BECK STREET - 1805 NORTH TO 1180 NORTH	4	5							1,247,000
01301	513302138	2019-1109	OLYMPIC WAY & SOVEREIGN WAY	4	5	1,600,000						
01301	513505133	2015-0624	1700 SOUTH - 1000 EAST TO 1100 EAST	4	5							
01301		2016-1230	17TH AND FOOTHILL TELEMETRY AND POWER	4	5							
01301		2015-0255	REDWOOD ROAD - 500 SOUTH TO 1050 SOUTH	4	5							
01301	513505212	2015-0253	PLEASANT VALLEY LINE	4	5							653,000
01301		2015-0254	CITY CREEK HIGHLINE	4	5							460,000
01301		2015-0554	SOUTH TEMPLE 1000 W.(GADSBY LINE)	5	3							
01301	513505198	2015-0237	GREGSON AVENUE - 2465 EAST TO 2700 EAST	4	4							80,000
01301	513302089	2015-0238	2300 EAST - 6200 SOUTH TO 6400 SOUTH	4	4							268,000
01301	513505202	2015-0246	420 N MAIN STREET - 1" SERVICE REPLACEMENT - MAIN ST TO WALL ST	4	4							64,000
01301	513505125	2015-0260	WEST TEMPLE - 500 SOUTH TO 800 SOUTH (EAST SIDE)	4	4							469,000
01301	513505127	2015-0262	1000 WEST - 1400 TO 1700 SOUTH WATER MAIN REPLACEMENT	4	4		1,200,000					560,000
01301		2017-2022	2880 SOUTH WATER MAIN REPLACEMENT	4	4							260,000
01301	513505197	2015-0236	800 SOUTH - 1200 EAST TO 1220 EAST	3	5							134,000
01301	513302039	2015-0613	OAK CREEK DRIVE - 8200 SOUTH TO END OF LINE	3	5							300,000
01301	513302045	2015-0616	MARDONNA WAY (3545 S) - SUNILAND DRIVE TO MILLSTREAM DRIVE	3	5							153,000
01301	513505128	2015-0620	WILTON WAY WATER MAIN REPLACEMENT	3	5							374,000
01301	513505129	2015-0621	1700 SOUTH - FOOTHILL TO WASATCH WATER MAIN REPLACEMENTS	3	5							257,000
01301	513505132	2015-0622	MILTON AVENUE (1595 SOUTH) - 1100 EAST TO 1200 EAST	3	5							179,000
01301		2017-2066	2700 E DEAD-END CONNECTION	3	5							20,000
01301		2016-0738	RELOCATE 12" CIP MAIN FROM UNDER HOUSE (EAST BENCH SUCTION LINE)	5	2							255,000
01301	513302090	2015-0239	COBBLECREST RD - 6380 S TO 2300 E; HAUN AVE - 2300 E TO COBBLECREST	4	3							411,000
01301		2015-0232	NORTH TEMPLE - 1800 WEST TO REDWOOD ROAD	4	3							156,200
01301	513505155	2015-0241	WESTMINSTER AVENUE - LAURELHURST (2550 EAST) TO FOOTHILL BOULEVARD (2600 EAST)	4	3							90,000
01301	513302038	2015-0258	BISCAYNE DR (2975 E) - BENGAL BLVD TO OAKVIEW CIR	4	3							158,000
01301	513505122	2015-0550	DUPONT AVE (1335 N) - AMERICAN BEAUTY DR TO 990 W	4	3							115,000
01301		2016-1228	REPLACE PRV'S - R11 AND R12	4	3							400,000
01301	513505205	2015-0249	SCOTT AVENUE - 700 EAST TO SCOTT PARK LANE	3	4							105,000
01301		2015-0400	R37. MAYWOOD REGULATOR	3	4							150,000
01301	513505134	2015-0625	BRYAN AVENUE (1565 SOUTH) - 900 EAST TO 1000 EAST	3	4							172,000
01301		2016-0889	CR1 PRV	3	4							225,000
01301		2016-0890	CR2 PRV	3	4							225,000
01301		2016-0891	HYDRANT 3300 SOUTH 750 EAST E3-5H	3	4							40,000
01301		2016-0901	PRV E3-R49 REPLACEMENT	3	4					220,000		
01301		2016-0910	HIGHLAND DRIVE REGULATORS	3	4							1,300,000
01301		2016-0912	R73 REPLACEMENT	3	4							200,000
01301		2016-0913	CUP REGULATORS	3	4							300,000
01301		2016-0918	2300 EAST - CLAYBOURNE TO 3300 SOUTH	3	4							200,000
01301		2016-0934	PRV AT 17TH	3	4							210,000
01301		2016-1169	J STREET PIPELINE AND PRV REPLACEMENT	3	4							300,000
01301		2016-1273	NEW WATER MAIN - 1000 EAST	3	4							300,000

**WATER UTILITY CIP BUDGET**  
**Five Year Projected Budget 2023-2027**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2021-2022	BUDGET YEAR	2023-2024	2024-2025	2025-2026	2026-2027	DELAYED
							2022-2023					
01301		2017-2062	ROXBURY PRV C46-R66	3	4							150,000
01301		2017-2065	CAMILLE ST. DEAD-END CONNECTION	3	4							20,000
01301		2016-1283	SUICIDE ROCK RUNAROUND	2	5							25,000
01301	513302117	2017-2069	CAP STUB AT 6200 SOUTH HOLLADAY BOULEVARD	3	3							
01301	513505124	2015-0619	BUCCANEER DRIVE WATER MAIN REPLACEMENT	3	3							151,000
01301		2016-0748	WATER VALVE REPLACEMENT PROJECT #3	2	4							100,000
01301	513505199	2015-0242	700 EAST - DRIGGS AVE (2370 S) TO WARNOCK AVE (2470 S)	1	5							257,000
01301		2015-0256	900 EAST HILLVIEW (4060 SOUTH) - REPLACE DIP MAIN UNDER SEWER	1	5							36,000
01301		2016-0756	300 WEST - 700 S TO 800 S	1	5							175,000
01301		2016-0892	KEARNS LINE REPLACEMENT	3	3							8,000,000
01301		2016-0900	R48 VALVE	3	3			220,000				
01301		2016-0906	6-INCH ON 9TH	3	3							450,000
01301		2016-0915	SMITHS CONNECTION	3	3							70,000
01301		2016-0916	COUNTRY CLUB PRV	3	3							250,000
01301		2016-0933	MAYWOOD 6-INCH	3	3							220,000
01301		2016-0936	16-INCH VALVE VAULT	3	3							65,000
01301		2016-1222	PRV REPLACEMENT - A8-14	3	3							200,000
01301		2016-1231	NEW PRV - R73	3	3							200,000
01301		2016-1232	NEW PRV - R74	3	3							200,000
01301		2016-1235	POWER AT EMIGRATION TUNNEL	3	3							100,000
01301		2015-0399	RESEARCH PARK UPGRADE	5	0							410,000
01301		2016-0919	INSERTA VALVES	5	0							50,000
01301		2017-1299	EDWARD DRIVE REGULATED IMPROVEMENTS	5	0							500,000
01301		2017-2068	INDIAN ROCK PRESSURE ZONE REDUNDANT FEED	5	0							250,000
01301		2017-2070	HIGHLAND DR WATER MAIN - 6200 S TO DIAMOND HILLS LN	3	2							250,000
01301	513302046	2015-0615	SUNILAND DRIVE (3550 E) - MILLSTREAM LANE TO END OF SUNILAND CIRCLE	3	2							149,000
01301		2015-0426	FORT UNION AND HIGHLAND AVE INTERSECTION	2	3							302,500
01301		2017-2011	900 EAST FROM VAN WINKLE TO 5600 SOUTH	2	3							100,000
01301	513505204	2015-0248	500 SOUTH - 2130 WEST TO ORANGE STREET	4	0							315,000
01301	513302021	2015-0250	6200 SOUTH - 2900 EAST TO 3000 EAST	4	0							350,000
01301	513302058	2015-0544	SHORT HILLS DR (3375 E) - 8220 SOUTH TO 8315 SOUTH	4	0							55,000
01301		2015-0397	SUICIDE ROCK VAULT	2	2							100,000
01301		2016-0925	2700 E CONNECTION	2	2							60,000
01301		2015-0480	1700 EAST FROM FT UNION BLVD (6935 S) TO 7080 SOUTH	1	3							360,000
01301	513302059	2015-0548	3900 SOUTH - 900 EAST TO 940 EAST	3	0							130,000
01301		2015-0586	PARLEY'S CANYON BLVD 1700 EAST TO 1800 EAST	3	0							181,000
01301	513505166	2015-0626	400 EAST - 1497 SOUTH TO 1530 SOUTH	3	0							37,000
01301	513505167	2015-0627	1400 EAST - GILMER AVENUE TO YALE AVENUE	3	0							32,000
01301		2016-0957	MORRIS PUMP STATION	3	0							600,000
01301		2016-1168	KEARNS VALVE	3	0							30,000
01301		2015-0413	700 NORTH 8" AC	2	1							115,000
01301		2015-0641	LITTLE COTTONWOOD CREEK CEMENT CAP 4"	1	2							35,000
01301		2015-0407	2200 WEST WATER MAIN EXTENSION	1	0							255,000
01301	513505450	2019-1182	SOUTH TEMPLE WATER MAIN - 1000 W TO JORDAN RIVER	5	5	916,000						
01301		2018-1096	CHEYENNE STREET WATER LINE REPLACEMENT	3	4							50,000
01301		2016-0856	7000 SOUTH SAND TRAP AND SCREEN REMOVAL	5	5							50,000
01301		2018-1041	UPPER BOUNDARY SPRINGS EFFLUENT LINE REPLACEMENT FROM SPRING BOX TO TANK	4	5							500,000
01301	513505409	2018-1079	2100 SOUTH, 700 EAST TO 1300 EAST, WATER LINE REPLACEMENT	3	4							
01301		2018-1089	EAST BENCH SUCTION LINE RELOCATION	4	2					96,400		
01301		2019-1132	EAST PLACE WATER MAIN REPLACEMENT							85,000		
01301		2019-1125	OLYMPUS DRIVE WATER MAIN REPLACEMENT						725,000			
01301	513505126	2019-1111	1400 SOUTH WATER LINE 900-1000 WEST				350,000					
			<b>TOTAL WATER MAIN REPLACEMENTS</b>			\$ 4,876,000	\$ 3,850,000	\$ 4,220,000	\$ 4,725,000	\$ 7,401,400	\$ 8,000,000	\$ 26,725,700
			<b>MASTER PLAN PROJECTS</b>									
01301	513416337	2015-0629	MP3.16 - NORTH BENCH PUMP STATION	5	5		300,000	3,000,000				
01301	513505088	2015-0217	CITY CREEK TREATMENT LINE TO MORRIS RESERVOIR	5	4							5,500,000
01301	513302020	2015-0230	3RD EAST PHASE II - MARCUS TO ARTESIAN BASIN	4	4	5,500,000	3,500,000					
01301	51360062	2015-0632	MP2.3 - WASTEWATER REUSE	4	3							23,000,000

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COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2021-2022	BUDGET YEAR 2022-2023					DELAYED
							2023-2024	2024-2025	2025-2026	2026-2027		
01301	513505116	2015-0633	MILLCREEK TREATMENT PLANT LINE - TANK TO WASATCH BLVD (24")	4	3							750,000
01301	513416327	2015-0218	MP 3.5B - 16" PIPELINE ON NEWPORT WAY/NANTUCKET DRIVE	4	2							394,000
01301	513302063	2015-0224	MP 3.5A - 12" PIPELINE ON HIGHLAND DR (6200 S HIGH ZONE)	3	3							317,000
01301		2015-0229	MP 3.17 - 8" LOOP AT 2200 WEST/2200 NORTH	5	0							948,000
01301	513505159	2015-0222	MP3.14 - AUXILIARY POWER - GOLDEN HILLS	5	0							45,000
01301	513505168		CAPITOL HILL TO ENSIGN DOWNS PIPELINE	4	0							5,000,000
01301	513302062	2015-0219	MP3.9 - NEW PUMP STATION - TETON TO MT. OLYMPUS/4500 SOUTH HIGH - IF	4	0							695,000
01301	513302061	2015-0220	MP3.6B - 12" PIPELINE ON BRIGHTON WAY	4	0							200,000
01301	513505117	2015-0221	MP3.5C - 16" PIPELINE ON BENGAL BOULEVARD	4	0							1,134,000
01301	513505098	2015-0225	MP3.1A - EAST-WEST CONVEYANCE LINE - PARK RESERVOIR TO SUGARHOUSE PARK	4	0							55,000,000
01301		2015-0231	MP 3.8C - VICTORY ROAD - ENSIGN DOWNS PHASE II - IF	4	0							2,250,000
01301	5134493	2015-0634	MP3.1B - EAST WEST CONVEYANCE LINE - SUGARHOUSE PARK TO 900 WEST	4	0		5,000,000	10,000,000	10,000,000			25,000,000
01301	5134464	2015-0227	MP3.7 - ADD THROTTLING CONTROL VALVE INTO WILSON RESERVOIR	3	0							150,000
01301		2015-0538	MP 3.12A - 7800 SOUTH PRESSURE ZONE - 4.3 MG RESERVOIR	2	0							3,000,000
01301	51360060	2015-0636	MP2.1 - DEVELOP ADDITIONAL GROUND WATER SOURCES	2	0							18,000,000
01301	513505169	2015-0630	MP2.2 - ADDITIONAL SURFACE WATER DEVELOPMENT	2	0							12,000,000
01301	51360061	2015-0635	MP3.1C - EAST WEST CONVEYANCE LINE - 900 WEST TO 3400 WEST (PHASE 3)	1	0							75,000,000
01301		2015-0631	MILLCREEK WATER TREATMENT FACILITY	1	0							80,000,000
01301			UPDATE WATER MASTER PLAN									400,000
			<b>TOTAL MASTER PLAN PROJECTS</b>			\$ 5,500,000	\$ 3,800,000	\$ 8,000,000	\$ 10,000,000	\$ 10,000,000	\$ -	\$ 308,783,000
			<b>TOTAL DISTRIBUTION MAINS &amp; HYDRANTS</b>			\$ 18,019,000	\$ 16,893,000	\$ 19,628,000	\$ 20,483,600	\$ 26,318,400	\$ 16,872,000	\$ 348,488,700
			<b>WATER SERVICE CONNECTIONS</b>									
2730.09			<b>WATER SERVICE CONNECTIONS</b>									
01701	513900126	2015-0494	SERVICE LINE REPAIR/REPLACEMENTS	5	5	1,500,000	1,800,000	1,500,000	1,500,000	1,800,000	1,800,000	
03301	513900125	2015-0495	NEW SERVICE CONNECTIONS	5	5	400,000	400,000	400,000	400,000	400,000	400,000	
03301			NEW SERVICE CONNECTIONS-DEVELOPERS	5	5	450,000	500,000	450,000	450,000	450,000	450,005	
02201	513900124	2015-0496	LARGE METER REPLACEMENTS	5	5	400,000	400,000	400,000	400,000	400,000	400,000	
02601	513900123	2015-0498	METER REPLACEMENT PROGRAM	5	5	200,000	400,000	200,000	200,000	200,000	200,000	
02601	513900120		AMI TOWERS - CITY	4	0							
02601	513900121	2017-2122	AMI TOWERS - COUNTY	4	0							
02601	513900122	2017-2126	AMI METER REPLACEMENT PROGRAM	1	0	2,500,000	3,100,000	2,700,000	2,700,000	3,100,000	3,100,000	
01701			REVISED LEAD AND COPPER RULE COMPLIANCE					500,000	500,000	500,000	500,000	
01701	513900132	2020-1034	REPLACE METER VAULT AND 4" METER W/BY-PASS									
			<b>TOTAL WATER SERVICE CONNECTIONS</b>			\$ 5,450,000	\$ 6,600,000	\$ 6,150,000	\$ 6,150,000	\$ 6,850,000	\$ 6,850,005	\$ -
			<b>LANDSCAPING</b>									
			<b>WATERSHED</b>									
00601	5122672	2017-1295	RECREATION AREA PICNIC TABLE REPLACEMENT	5	5							
00601	5122673	2015-0670	ACCESSIBILITY UPGRADES TO WATERSHED RECREATION FACILITIES	5	0							
00601	512627466	2017-2032	SILVER LAKE RESTROOM DEMOLISH AND REPLACE	5	5							
00601	512627463	2017-1296	BIG COTTONWOOD CANYON PARK & RIDE RESTROOM REBUILD	5	5							500,000
00601	512300064	R19-0115	CITY CREEK ROADWAY ASPHALT	5	5							100,000
03201	51360014	2015-0519	WEST TEMPLE CAMPUS - CONSERVATION IMPROVEMENTS	2	4							100,000
00601		2018-1028	CITY CREEK CANYON ROAD RECONSTRUCTION	5	5							3,000,000
00601			CITY CREEK WATER SYSTEM TO SITES 23 THROUGH 30									500,000
03601			RESTORE TWO SITES				100,000					
03601			900 SOUTH LANDSCAPING PROJECT - Cost share Stormwater			68,000						
			<b>TOTAL LANDSCAPING</b>			\$ 68,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 4,200,000
			<b>TOTAL CAPITAL IMPROVEMENTS</b>			\$ 38,108,000	\$ 38,989,000	\$ 89,408,500	\$ 60,683,600	\$ 57,315,400	\$ 141,417,005	\$ 756,890,700



**WATER UTILITY CAPITAL PURCHASES**  
**Projected Budget 2022-23**

<b>Cost Center</b>	<b>Object Code</b>	<b>Asset Description</b>	<b>Budget Year 2022-23</b>
	<b>275010</b>	<b>AUTOMOBILES &amp; TRUCKS</b>	<b>Amount</b>
5100101		3/4 ton pickup w/winch - F350 Supercab (replaces 2008 GMC)	47,000.00
5100101		1/4 ton pickup/Chevy Colorado (replaces 2008 GMC Canyon)	42,000.00
5100101		1 ton flatbed w/plow - F350 (replaces 2001 Ford F550 4X4)	50,000.00
5100601		Ford F550 (replaces 2006 Ford F450)	50,000.00
5101001		1/4 ton pickup/Chevy Colorado - New Lead and Copper	35,000.00
5101301		Chevy Colorado or similar mid size 4 X 4 with bed cover and lights	35,000.00
5101301		Chevy Colorado or similar mid size 4 X 4 with bed cover and lights	35,000.00
5101401		Ford F550 4X4 Dump Body (replaces 2008 GMC3500 dump body)	63,000.00
5101501		Ford Escape (replaces 2009 Ford Escape)	26,000.00
5101701		Freightliner M2 V&H ( replaces 2010 International V&H)	175,000.00
5101701		Freightliner M2 V&H ( replaces 2010 International V&H)	175,000.00
5101701		Freightliner M2 V&H ( replaces 2010 International V&H)	175,000.00
5101701		1/4 ton pickup/Chevy Colorado (replaces 2008 GMC Canyon)	34,000.00
5101701		Freightliner 114 SD (replaces 2008 Mack Dump Truck)	160,000.00
5101701		Freightliner 114 SD (replaces 2010 International Dump Truck)	160,000.00
5102301		Ford F350 w/utility bed/fuel tank (replaces 2010 3/4 ton GMC)	63,000.00
5102401		Chevy 3500 w/utility walk in bed ( replaces 2009 GMC 3500 w/utility bed)	51,000.00
5102501		Ford F350 w/utility ( replaces 2008 Chevy 3500 w/utility bed)	47,000.00
5102601		1/4 ton V6 4X4 pickup Extended cab, light bar, cover (replaces 2009 GMC Canyon)	40,523.00
5103001		Ford Escape (replaces 2009 Ford Escape)	26,000.00
			<b>\$ 1,489,523.00</b>
	<b>276030</b>	<b>TELEMETERING EQUIPMENT</b>	<b>Amount</b>
5100201		Hydrology Measurement System Replacement/Rebuild - irrigation and streams	200,000.00
5101501		Miscellaneous Water Telemetry Equipment	50,000.00
			<b>\$ 250,000.00</b>
	<b>275030</b>	<b>FIELD MAINTENACE EQUIPMENT</b>	
5100101		CAT Backhoe replacement program	9,000.00
5100101		Valor 60TS Trailer -New	45,000.00

5100101		Chipper - 12 EPC drum style (replaces Vermeer chipper)	30,000.00
5100101		John Deere 4066R Compact Tractor ( replaces John Deere unit)	85,000.00
5100101		John Deere HX Rotary Mower - New	10,500.00
5100101		Rom Ecofit 0280606 - skid mounted - New	67,000.00
5100101		MSAHD 12-3 rock separator - midsize adjustable - new	25,000.00
5101201		UTV and miscellaneous equipment - New	30,000.00
5100601		Polaris Titan - replaces Snowpro M800	16,000.00
5100601		Polaris Titan - replaces Snowpro M800	16,000.00
5101701		Case Hammer Hoe attachment - New	20,000.00
5101701		CAT Backhoe replacement program - 8 units	72,000.00
			<b>\$ 425,500.00</b>
	<b>276090</b>	<b>OTHER NON-MOTIVE EQUIPMENT</b>	
5100101		Verisight Pro Push Camera system	10,000.00
5100601		Plow	8,000.00
5100601		Skid sprayer - weeds	8,500.00
5100601		Salter	8,000.00
5100601		Tilt trailer - transport tractor and requested skid loader	10,000.00
5101401		Western 8' Striker Stainless Steel electric spreader (replaces Buyers 2011)	5,500.00
5101401		Western MVP3 8'6" Snow plow (replaces Western 2013)	6,300.00
5101501		Replacement UPS	50,000.00
5101601		New Access points /updated licensing - 12	14,400.00
5101601		Drone software	15,000.00
5101601		Replacement server - SharePoint	20,000.00
5101601		Loggers - leak detection	10,500.00
5101601		Stethophone - leak finders - 3	8,400.00
5102601		Vehicle Gateway base station - drive by technology	17,320.00
			<b>\$ 191,920.00</b>
	<b>276050</b>	<b>OFFICE FURNITURE AND EQUIPMENT</b>	
5101601		Replacement of Sharp Copier/Scanner/Printer in Reagan Building	7,000.00
5103201		Replacement - radio system	600,000.00
			<b>\$ 607,000.00</b>

	<b><u>276020</u></b>	<b><u>TREATMENT PLANT EQUIPMENT</u></b>	
5100701		Emergency equipment replacement (i.e. pumps, etc)	60,000.00
5100801		Plant equipment, emergency (ie: pumps, etc)	60,000.00
5100901		Emergency plant equipment (i.e. pumps)	60,000.00
			<b>\$ 180,000.00</b>
	<b><u>271030</u></b>	<b><u>WATER RIGHTS &amp; SUPPLY</u></b>	
5103301		Water rights and companies	250,000.00
5103301		Water stock	250,000.00
			<b>\$ 500,000.00</b>
	<b><u>271010</u></b>	<b><u>LAND</u></b>	
5103301		Non-project and canals	150,000.00
5103301		Watershed Land	1,500,000.00
			<b>\$ 1,650,000.00</b>
		<b>Total</b>	<b>\$ 5,293,943.00</b>

**Sewer Utility- Budget Summary and Cash Flow**

**SEWER UTILITY BUDGET SUMMARY  
FY 2023-25**

SOURCES	ACTUAL 2020-2021	COUNCIL ADOPTED 2021-22	AMENDED BUDGET 2021-22	PROJECTED ACTUAL 2021-22	Rate Increase 15%	Rate Increase 15%	Rate Increase 10%
					PROPOSED BUDGET 2022-23	FORECAST BUDGET 2023-24	FORECAST BUDGET 2024-25
<b>REVENUE &amp; OTHER SOURCES</b>							
<b>REVENUES</b>							
SEWER SERVICE	\$ 51,516,383	\$ 58,034,937	\$ 58,034,937	\$ 58,034,937	\$ 66,740,000	73,414,000	\$ 80,755,000
OTHER REVENUES	596,965	406,000	406,000	406,000	406,000	406,000	406,000
INTEREST INCOME	438,896	171,000	171,000	171,000	947,084	59,064	59,953
TOTAL REVENUES	52,552,244	58,611,937	58,611,937	58,611,937	68,093,084	73,879,064	81,220,953
<b>OTHER SOURCES</b>							
IMPACT FEES	3,094,964.0	1,422,000.0	1,422,000.0	2,264,352.0	1,422,000.0	1,422,000.0	1,422,000.0
GRANTS & OTHER RELATED REVENUES	651,289.0	1,100,823.0	1,100,823.0	1,100,823.0	1,100,823.0	1,100,823.0	1,100,823.0
SALE OF EQUIPMENT	29,838.0	16,000.0	16,000.0	98,625.0	50,000.0	50,000.0	50,000.0
WIFIA LOAN	-	93,890,000.0	93,890,000.0	13,000,000.0	125,965,000	158,517,000	48,456,000
NON BOND FINANCING	-	-	-	-	-	-	-
BOND PROCEEDS	106,285,000.0	123,687,000.0	123,687,000.0	281,425,195.0	-	51,285,000.0	48,268,000.0
TOTAL OTHER SOURCES	110,061,091	220,115,823	220,115,823	297,888,995	128,537,823	212,374,823	99,296,823
<b>TOTAL REVENUE &amp; OTHER SOURCES</b>	<b>\$ 162,613,335</b>	<b>\$ 278,727,760</b>	<b>\$ 278,727,760</b>	<b>\$ 356,500,932</b>	<b>\$ 196,630,907</b>	<b>286,253,887</b>	<b>\$ 180,517,776</b>
<b>EXPENSES &amp; OTHER USES</b>							
<b>EXPENDITURES</b>							
PERSONNEL SERVICES	\$ 10,317,141	\$ 12,799,959	\$ 13,021,785	\$ 13,021,785	13,827,671	14,380,778	\$ 14,956,009
OPERATING & MAINTENANCE	1,173,611	2,656,055	2,656,055	2,656,055	3,164,804	3,228,098	3,292,660
TRAVEL & TRAINING	7,804	90,590	90,590	90,590	99,990	101,990	104,029
UTILITIES	607,869	1,039,090	1,039,090	1,039,090	1,045,184	1,066,087	1,087,407
TECHNICAL SERVICES	700,810	2,710,769	2,987,836	2,979,895	3,214,691	3,278,985	3,344,564
IMS SERVICES	647,925	1,040,533	1,040,533	1,040,533	1,040,533	1,061,344	1,082,571
FLEET MAINTENANCE	332,753	541,000	541,000	541,000	522,130	532,573	543,224
ADMINISTRATIVE SERVICE FEE	457,351	494,400	494,400	494,400	538,300	549,066	560,047
PAYMENT IN LIEU OF TAXES	809,149	851,386	851,386	851,386	1,001,995	1,022,035	1,042,476
BILLING COST	827,634	949,872	949,872	949,872	949,872	968,869	988,246
RISK MANAGEMENT	120,524	224,450	224,450	224,450	228,402	232,970	237,629
TRANSFERS TO GENERAL FUND	-	-	7,941	-	-	-	-
NEW PLANT O&M COSTS	-	-	-	-	250,000	252,500	255,025
OTHER CHARGES AND SERVICES	544,736	876,516	876,516	876,516	1,431,540	1,460,170	1,489,374
TOTAL EXPENDITURES	\$ 16,547,307	\$ 24,274,620	\$ 24,781,454	\$ 24,765,572	\$ 27,315,112	28,135,465	\$ 28,983,261
<b>OTHER USES</b>							
CAPITAL OUTLAY	\$ 924,777	\$ 1,327,000	\$ 1,448,934	\$ 1,448,934	\$ 1,305,054	1,000,000	\$ 1,000,000
CAPITAL IMPROVEMENT BUDGET	82,153,930	226,135,826	333,936,247	333,936,247	205,884,910	234,047,425	117,811,718
COST OF DEBT ISSUANCE	236,077	687,000	687,000	1,561,000	-	285,000	268,000
DEBT SERVICES	12,716,763	15,789,350	15,789,350	12,542,350	21,409,504	22,812,369	30,688,195
TOTAL OTHER USES	\$ 96,031,547	\$ 243,939,176	\$ 351,861,531	\$ 349,488,531	\$ 228,599,468	258,144,794	\$ 149,767,913
<b>TOTAL EXPENSE &amp; OTHER USES</b>	<b>\$ 112,578,854</b>	<b>\$ 268,213,796</b>	<b>\$ 376,642,985</b>	<b>\$ 374,254,103</b>	<b>\$ 255,914,580</b>	<b>286,280,259</b>	<b>\$ 178,751,174</b>
<b>EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES</b>							
SOURCES OVER (UNDER) USES	\$ 50,034,481	\$ 10,513,964	\$ (97,915,225)	\$ (17,753,171)	\$ (59,283,673)	(26,372)	\$ 1,766,602
<b>OPERATING CASH BALANCES</b>							
BEGINNING JULY 1	\$ 30,581,040	\$ 80,892,100	\$ 80,892,100	\$ 80,892,100	\$ 63,138,929	3,855,256	\$ 3,828,884
RESTRICTED / DESIGNATED	\$ 276,579	\$ -	\$ -	\$ -	\$ -	0	\$ -
AVAILABLE JUNE 30	\$ 80,892,100	\$ 91,406,064	\$ (17,023,125)	\$ 63,138,929	\$ 3,855,256	3,828,884	\$ 5,595,486
Cash Reserve Ratio	489%	377%	-69%	255%	14%	14%	19%
<b>Cash reserve goal above 14%</b>							

**SEWER UTILITY CASH FLOW  
FY 2023 BUDGET / FY 2024-2027 FORECAST**

	<b>ACTUAL YEAR 2020-2021</b>	<b>PROJECTED YEAR 2021-2022</b>	<b>BUDGET YEAR 2022-2023</b>	<b>BUDGET YEAR 2023-24</b>	<b>BUDGET YEAR 2024-25</b>	<b>BUDGET YEAR 2025-26</b>	<b>BUDGET YEAR 2026-27</b>
<b>REVENUE</b>							
SEWER SALES	\$ 51,516,383	\$ 58,034,937	\$ 66,740,000	\$ 73,414,000	\$ 80,755,000	\$ 88,831,000	\$ 97,714,000
OTHER INCOME	596,965	406,000	406,000	406,000	406,000	406,000	406,000
INTEREST INCOME	438,896	171,000	947,084	59,064	59,953	87,788	146,099
OPERATING INCOME	\$ 52,552,244	\$ 58,611,937	\$ 68,093,084	73,879,064	\$ 81,220,953	\$ 89,324,788	\$ 98,266,099
<b>OPERATING EXPENSES</b>							
NEW PLANT O&M COSTS		\$ -	\$ (250,000)	(252,500)	\$ (255,025)	\$ (257,575)	\$ (3,262,727)
OPERATING EXPENSES	(16,547,307)	(24,765,572)	(27,065,112)	(27,882,965)	(28,728,236)	(29,601,916)	(30,505,037)
TOTAL OPERATING EXPENSE	\$ (16,547,307)	\$ (24,765,572)	\$ (27,315,112)	(28,135,465)	\$ (28,983,261)	\$ (29,859,491)	\$ (33,767,764)
<b>NET INCOME EXCLUDING DEP.</b>	\$ 36,004,937	\$ 33,846,365	\$ 40,777,972	45,743,599	\$ 52,237,692	\$ 59,465,297	\$ 64,498,335
<b>OTHER INCOME &amp; EXPENSE</b>							
IMPACT FEES	\$ 3,094,964	\$ 2,264,352	\$ 1,422,000	1,422,000	\$ 1,422,000	\$ 1,422,000	\$ 1,422,000
WIFIA LOAN		13,000,000	125,965,000	158,517,000	48,456,000	2,697,000	
NET BOND PROCEEDS	106,048,923	279,864,195		51,000,000	48,000,000	47,250,000	-
ISSUE COSTS (PROCEEDS)	236,077	1,561,000	-	285,000	268,000	264,000	-
ISSUE COSTS (EXP)	(236,077)	(1,561,000)	-	(285,000)	(268,000)	(264,000)	-
OTHER CONTRIBUTIONS	651,289	1,100,823	1,100,823	1,100,823	1,100,823	1,684,000	1,684,000
SALE OF EQUIPMENT	29,838	98,625	50,000	50,000	50,000	50,000	50,000
CAPITAL OUTLAY	(924,777)	(1,448,934)	(1,305,054)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)
STATE LOAN DEBT REPAYMENT	(2,125,000)	-	-	-	-	-	-
WIFIA LOAN REPAYMENT		-	-	-	-	-	-
NEW DEBT SERVICE	-	-	(8,864,894)	(10,211,125)	(18,006,113)	(19,514,680)	(21,495,927)
DEBT SERVICE	(10,591,763)	(12,542,350)	(12,544,610)	(12,601,244)	(12,682,082)	(12,679,577)	(12,469,035)
<b>OTHER INCOME &amp; EXPENSE</b>	\$ 96,183,474	\$ 282,336,711	\$ 105,823,265	188,277,454	\$ 67,340,628	\$ 19,908,743	\$ (31,808,962)
<b>CAPITAL GENERATION</b>							
GENERATED FOR CAPITAL	\$ 132,188,411	\$ 316,183,076	\$ 146,601,237	234,021,053	\$ 119,578,320	\$ 79,374,040	\$ 32,689,373
<b>CAPITAL IMPROVEMENTS</b>							
CAPITAL IMPROVEMENTS	\$ (82,153,930)	\$ (333,936,247)	\$ (205,884,910)	(234,047,425)	\$ (117,811,718)	\$ (75,579,277)	\$ (37,815,406)
<b>BEGINING CASH BALANCE</b>	\$ 30,581,040	\$ 80,892,100	\$ 63,138,929	3,855,256	\$ 3,828,884	\$ 5,595,486	\$ 9,390,249
<b>CASH INCREASE/(DECREASE)</b>	\$ 50,034,481	\$ (17,753,171)	\$ (59,283,673)	(26,372)	\$ 1,766,602	\$ 3,794,763	\$ (5,126,033)
<b>RESTRICTED/DESIGNATED</b>	\$ 276,579	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>ENDING BALANCE</b>	\$ 80,892,100	\$ 63,138,929	\$ 3,855,256	3,828,884	\$ 5,595,486	\$ 9,390,249	\$ 4,264,216
<b>Debt Service Coverage</b>	<b>2.83</b>	<b>2.70</b>	<b>1.90</b>	<b>2.01</b>	<b>1.70</b>	<b>1.85</b>	<b>1.90</b>
<b>RATE CHANGE</b>	<b>18%</b>	<b>18%</b>	<b>15%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>
<b>Cash Reserve Ratio</b>	<b>487%</b>	<b>255%</b>	<b>14%</b>	<b>14%</b>	<b>19%</b>	<b>31%</b>	<b>13%</b>
<b>DEBT SERVICE % OF GROSS OPERATING REVENUE</b>	<b>20%</b>	<b>21%</b>	<b>31%</b>	<b>31%</b>	<b>38%</b>	<b>36%</b>	<b>35%</b>
<b>MONTHLY RESIDENTIAL UTILITY BILL AT 4 CCF</b>	<b>17.36</b>	<b>20.52</b>	<b>23.60</b>	<b>25.96</b>	<b>28.56</b>	<b>31.42</b>	<b>34.56</b>
<b>MONTHLY RESIDENTIAL UTILITY BILL AT 8 CCF</b>	<b>34.72</b>	<b>41.04</b>	<b>47.20</b>	<b>51.92</b>	<b>57.11</b>	<b>62.82</b>	<b>69.10</b>

**SEWER UTILITY CIP BUDGET  
Five Year Projected Budget 2023-2027**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2021-22	BUDGET YEAR 2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	DELAYED
	2720.10		<b>MAINTENANCE &amp; REPAIR SHOPS - 2720.10</b>										
		2019-1041	LIFT STATION STORAGE FACILITY	5	0				200,000		600,000		
			NEW SLCDPU CAMPUS	5	5			8,000,000					8,000,000
		2021-1051	Collections WRF Receiving Pad	4	5					60,000	330,000		3,300,000
			<b>TOTAL MAINTENANCE &amp; REPAIR SHOPS - 2720.10</b>			0	0	0	8,200,000	60,000	930,000	0	11,300,000
52-10101	2720.05		<b>LIFT STATIONS - 2720.05</b>										
			<b>LIFT STATION ASSET MANAGEMENT PROGRAM</b>										
		2019-1046	LIFT STATION SCOPING and ASSET MANAGEMENT PRIORITIZATION	2	1							500,000	
			<b>LIFT STATION RENEWAL/REPLACEMENT PROGRAM</b>										
		2021-1087	FY 22/23 ANNUAL PUMP REPLACEMENT (VARIOUS)	5	5	25,000	25,000	25,000	25,000	25,000	25,000	25,000	
		2017-1301	5300 WEST LIFT STATION (SS17) CAPACITY IMPROVEMENTS	4	5	2,500,000	2,500,000						
		2015-0264	SOUTH LIFT STATION (SS05)	3	2								700,000
		2015-0417	INDUSTRIAL LIFT STATION REHAB & PIPING UPGRADES (SS21)	4	5	60,000							
		2015-0267	NEW ROSE PARK LIFT STATION REPLACEMENT (SS02)	4	5	40,000							
		2015-0268	500 W LIFT STATION WET WELL IMPROVEMENTS (SS28)	4	5	---							
		2015-0270	WESTPOINTE LIFT STATION WET WELL IMPROVEMENTS (SS 33)	2	2								550,000
		2015-0272	900 NORTH LIFT STATION WET WELL IMPROVEMENTS	4	5	60,000	40,000						
		2017-2008	Billy Mitchell (SS16) Capacity Upgrades	3	5		120,000	250,000	2,000,000				
		2020-1036	1700 NORTH LIFT STATION ELECTRICAL IMPROVEMENTS	4	5	---							
		2020-1063	Amelia Earhart LS Rehab	3	3								550,000
		2020-1062	Concord LS Improvements	3	2								700,000
		2020-1060	California Place LS Improvements	3	3								339,900
		2020-1064	Morton Lift Station Rehabilitation	3	3								500,000
		2020-1061	West LS Improvements	3	2								300,000
		2020-1070	North LS (SS04) Rehabilitation	3	3								350,000
		2020-1078	600 N LS Rehab	3	3								350,000
		2020-1079	Nin Tech LS Rehabilitation	3	4								350,000
		2021-1024	500 S PS Biofilter Make-up Water	2	1								100,000
		2021-1109	Industrial LS Alternatives Evaluation	4	5		75,000						
		2021-1136	Industrial LS Improvements	4	5			2,500,000					
			<b>TOTAL LIFT STATIONS - 2720.05</b>			2,685,000	2,760,000	2,775,000	2,025,000	25,000	25,000	525,000	4,789,900
52-11201	2720.30		<b>TREATMENT PLANTS</b>										
		2015-0640	FACILITY BUILDING PAINTING (CORROSION PROTECTION PROGRAM)	5	5	100,000							500,000
		2017-2093	INFLUENT SCREEN (S) REPLACE/RETROFIT	5	5								
			EXISTING FACILITIES CONDITION ASSESSMENT/PRE-DESIGN		5								
		2016-1275	SOUTH RAS SKIMMER RELOCATION		4								
		2017-2088	WETLANDS RESTORATION PROJECT		4								
		2015-0707	PROCESS CONTROL LAB ROOM		4								
		2016-1275	WASHER COMPACTOR FOR PRIMARY SLUDGE	4	0								
		2015-0707	SCADA INSTRUMENTATION CONTROL IMPROVEMENTS	5	5								
		2015-0707	CHLORINE BUILDING ALARM SYSTEM		5								
		R19-0167	SCADA PHASE III FOLLOW-UP SERVICES	5	5								
		2015-0710	REPLACEMENT OF MCC2A AT THE PRE-SEDIMENTATION BUILDING - CONSTRUCTION		5								
		2015-0708	<b>ATMOSPHERIC MONITORING REPLACEMENT PROGRAM</b>	5	5								
			<b>VFD REPLACEMENT</b>		5								
		2015-0500	TRICKLING FILTER REHABILITATION	5	5								
			TRICKLING FILTER PUMPS INSPECTION & RECONDITIONING										
		2015-0502	CAPITAL ASSET REHABILITATION AND UPGRADES	5	5	1,300,000	1,300,000	1,300,000	1,300,000				1,300,000
		2016-1133	REHAB OF VERTICAL TURBINE PUMPS	4	4								400,000
		2017-2089	<b>HVAC REPLACEMENTS</b>	3	3	25,000	25,000	25,000	25,000				25,000
			<b>HVAC IMPROVEMENTS AT PRE-SEDIMENTATION</b>										
		2016-1281	<b>COGEN ENGINE OVERHAUL</b>						700,000				
		2018-1052	SLC WRF HEADWORKS GATE REPLACEMENT	5	5								
		2016-1160	UPGRADE EMERGENCY GENERATORS AT PUMP STATION	4	5								
		2018-1072	SLC WRF INFLUENT PUMP MOTOR REBUILD	5	4								
		2018-1071	SLC WRF INFLUENT PUMP REBUILD	5	4								
		2018-1068	SLC WRF BIO GAS HEAT EXCHANGER	4	4								
		2018-1066	SLC WRF PUMP PLANT EXTERIOR LIGHTING	4	5								
		R19-0040	NEW WRF COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM										

**SEWER UTILITY CIP BUDGET  
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COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2021-22	BUDGET YEAR 2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	DELAYED
11201	524905370	2019-1143	SLCWRF MAIN PLANT PLC UPGRADES										
11201	524905358	R18-0065	INTEGRATION FOR VFD REPLACEMENTS										
11201	524905356	R18-0066	SLC WRF WORK ORDER SYSTEM										
11201	524905360	R19-0046	TEMPORARY DEWATERING			300,000							
		2021-1070	SLCWRF - Lab HVAC Replacement and Relocate	4	4		150,000						
		2021-1071	SLCWRF - Redwood Campus Civil Work	1	1		75,000						
		2021-1093	SLCWRF - Plant Wide Breaker PM	5	5		230,000						
		2021-1100	SLCWRF - Boiler Redundancy Upgrades (Digesters)	2	2		75,000						
		2022-1001	SLCWRF - 5th Rotary Drum Thickener (TWAS)	2	2			2,100,000					
		2021-1102	SLCWRF - Digester #4 Mixer	4	4		1,075,000						
		2015-0500	Trickling Filter Rehabilitation	4	4		75,000						
		2021-1133	SLCWRF - Digester Mixers Platform Upgrade	3	3		100,000						
		2021-1134	SLCWRF - Screw Press Scaffolding (Temp Dewatering)	3	3		65,000						
		2021-1135	SLCWRF - Rotary Drum Replacements (TWAS)	4	4		247,000						
						1,725,000	3,417,000	3,425,000	2,025,000	0	0	0	2,225,000
<b>NEW WATER RECLAMATION FACILITY</b>													
11201	524905339	2017-2051	New WRF - CM/GC Services (CM/GC Preconstruction Services)										
11201	525400068	2017-2050	New WRF - Professional Design Services (Design Services - AECOM)			8,250,904	5,200,000	5,400,000	2,450,000	1,200,000	604,975		
11201	524905271		Program Management (Jacobs)			2,500,000	3,000,000	3,000,000	2,200,000	1,500,000	594,529		
11201	524905337	2017-2052	New WRF - Water Renew Public Outreach (Public Engagement -WF&Co)			144,000	114,000	120,000	120,000	120,000	59,421		
11201	524905362	2019-1054	New WRF - Visual Documentation Services for Construction (Project Documentation - MultiVista)			96,000	102,000	81,202	64,944	64,944	32,556		
11201	524905368	2019-1131	Salt Lake City Water Reclamation Facility LEED Lead Commissioning Agent (Lead Commissioning -ETC)			22,000							108,000
11201	524905359	R19-0040	New WRF- Computerized Maintenance Management System (CMMS -NexGen)										
11201	524905271	2017-2054	New WRF - Piloting and Demonstration Testing (BNR Demonstration Facility)			1,636,364							
11201	524905271		Permitting			3,750,000							
11201	524905271		Easements			1,200,000							
11201	524905271	2015-0505	New WRF - Core - Design Build Reclamation Facility (Construction - Based off BODR)			164,943,912	159,428,253	188,352,567	80,306,942	40,505,245	9,893,925		
11201	524905271		Contingency			6,777,647	6,777,647	6,777,647	3,388,824	4,473,079			
			Financing costs				701,009	701,009	701,009	701,009			
<b>TOTAL NEW WATER RECLAMATION FACILITY</b>						<b>189,320,826</b>	<b>175,322,910</b>	<b>204,432,425</b>	<b>89,231,718</b>	<b>48,564,277</b>	<b>11,185,406</b>	<b>-</b>	<b>108,000</b>
<b>TOTAL TREATMENT PLANTS (WATER RECLAMATION FACILITY)</b>						<b>191,045,826</b>	<b>178,739,910</b>	<b>207,857,425</b>	<b>91,256,718</b>	<b>48,564,277</b>	<b>11,185,406</b>	<b>0</b>	<b>2,333,000</b>
<b>TOTAL BUILDINGS</b>						<b>193,730,826</b>	<b>181,499,910</b>	<b>210,632,425</b>	<b>101,481,718</b>	<b>48,649,277</b>	<b>12,140,406</b>	<b>525,000</b>	<b>18,422,900</b>
52-10401	2730-14		<b>COLLECTION LINES</b>										
<b>COLLECTION SYSTEM ASSET MANAGEMENT PROGRAM</b>													
10401		2020-1154	1200 WEST TRUNK LINE CONDITION ASSESSMENT/ PROJECT PRE-DESIGN	5	2						600,000		600,000
10401		2015-0664	SIPHON INSPECTION PROJECT	3	3				200,000				200,000
10401		2015-0645	COLLECTION SYSTEM PROJECT DEVELOPMENT CAP SCOPING	2	2								300,000
10401		2020-1155	BECK STREET TRUNK LINE CONDITION ASSESSMENT/PRE-DESIGN	5	2							600,000	
10401		2020-1156	ORANGE STREET TRUNK LINE CONDITION ASSESSMENT/PROJECT PRE-DESIGN	4	4			430,000					
10401		2019-1115	Wastewater Masterplan	5	4								1,200,000
						<b>0</b>	<b>0</b>	<b>0</b>	<b>430,000</b>	<b>200,000</b>	<b>600,000</b>	<b>600,000</b>	<b>2,300,000</b>
<b>FLOW MONITORING/I&amp;I PROGRAM</b>													
10401		2015-0652	EAST SIDE INFLOW AND INFILTRATION STUDY	3	5						300,000		
10401		2015-0651	ANNUAL HYDRAULIC MODEL CALIBRATION	4	3				150,000				150,000
10401		2017-2078	VARIOUS BASIN INFLOW TESTING	4	4						250,000		
10401		2018-1029	BASIN 11 I&I	3	4						250,000		
						<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>800,000</b>	<b>0</b>	<b>150,000</b>
<b>CITY, COUNTY, STATE AND MISC. DRIVEN PROJECTS</b>													
10401		2015-0484	ANNUAL MISC. PUBLIC SERVICES PROJECTS	5	5	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
10401	525002988	R20-0213	500 SOUTH FM DISCHARGE BIOTOWER PRE-DESIGN	4	0	---							
10401		2019-1126	500 SOUTH FM DISCHARGE BIOTOWER	4	0		150,000	1,300,000					
10401		2019-1127	ORANGE STREET LOCATION 4 BIOTOWER	2	0								2,840,000
10401		2021-1082	ORANGE STREET LOCATION 5 BIOTOWER	2	0								2,640,000
10401	525002942	2019-1091	800 WEST 600 S to 800 S	5	5	---							
10401	525002861	R19-0018	300 W (900 S TO 2100 S) Spot Repairs and Sewer Rehabilitation Project	5	5	---							
10401	525002982	2019-1018	Roadway Bond 2021: 900 East from Hollywood to 2700 South	5	5	---							



**SEWER UTILITY CIP BUDGET**  
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COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2021-22	BUDGET YEAR 2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	DELAYED
10401	525002980	2019-1038	Roadway Bond 2021: 100 S from 900 East to North Campus Drive	5	5	---							
10401	525002985	2019-1066	1700 East 12-inch Sewer - 1700 South to 2700 South Roadway	5	5	---							
10401	525002979	2019-1072	CITY WIDE SEWER IMPROVEMENTS AND PRESERVATION 2020/2021	5	5	---							
10401		2019-1068	200 SOUTH - 400 WEST TO 900 EAST, PHASE 1	4	4	2,500,000	75,000						
10401		2019-1073	CITY WIDE SEWER IMPROVEMENTS AND PRESERVATION 2021/2022	4	4	800,000	40,000						
10401		2019-1071	1100 EAST TO HIGHLAND - ROMONA AVE TO WARNOCK AVENUE	4	4		200,000						
10401		2019-1070	1100 EAST - 900 SOUTH TO RAMONA AVE	5	5		750,000						
10401		2019-1078	1300 EAST - 2100 SOUTH TO CITY BOUNDARY	5	5		600,000						
10401		2019-1074	CITY WIDE SEWER IMPROVEMENTS AND PRESERVATION 2022/2023	5	5		500,000						
10401		2020-1106	VIRGINA STREET - SOUTH TEMPLE TO 11TH AVE	4	5		300,000						
10401		2020-1107	300 NORTH - 300 WEST TO 1000 WEST	5	5		800,000						
10401		2019-1075	CITY WIDE SEWER IMPROVEMENTS AND PRESERVATION 2023/2024	5	4		500,000						
10401	525002978	2019-1065	900 South - 900 West to 300 West & West Temple to 900 East	5	5								
10401		2019-1081	2100 SOUTH - 700 EAST TO HIGHLAND DRIVE	5	5		800,000						
10401		2019-1174	CITY WIDE SEWER IMPROVEMENTS AND PRESERVATION 2024/2025	5	5		500,000						
10401	525002865	R19-0016	City Wide Street Improvements Spot Repairs and Sewer Rehabilitation Project	5	5		450,000						
10401		2020-1053	SLCo Surplus Inspection Reporting	5	4			150,000					200,000
10401	525003028	2020-1086	SR-186 (400 S) -- State Street to 1300 E Sewer Rehab (UDOT)	4	5	40,000	350,000						
10401	525003003	2020-1097	Foothill Dr -- 2100 E to Stringham Sewer Rehab	4	5	350,000							
10401	525003026	2020-1098	State Street -- 1700 S to 400 S Sewer Rehab	4	5	40,000	400,000						
10401	525003018	2017-2016	630 South State Street East Side (Life on State)	4	5	150,000							
10401		2020-1169	SLCo Surplus Canal Certification Project	5	4			1,000,000		3,000,000			
10401		2021-1132	Downtown Local Area Study	3	4								250,000
10401		2021-1002	700 North Sewer Rehabilitation	4	5				200,000	1,700,000			
						4,080,000	6,615,000	2,650,000	400,000	4,900,000	200,000	200,000	6,130,000
			<b>PIPE RENEWAL &amp; REPLACEMENT PROGRAM</b>										
10401		2015-0486	1% PER YEAR SEWER REHABILITATION/SYSTEM RENEWAL	5	5			3,000,000	2,500,000	5,500,000	4,500,000	4,500,000	3,400,000
10401		2015-0722	TESORO SEWER TRUNK LINE REHABILITATION	5	4								6,000,000
10401		2016-0897	1200 W Trunk Line Rehabilitation - West Temple	5	5			7,000,000					
10401		2021-1084	1200 W Trunk Line Rehabilitation - 1300 S	5	4					6,000,000			
10401		2016-0902	800 S AND 1100 E LATERAL CONNECTIONS AND UPSTREAM INFILTRATION	3	4			350,000					
10401		2015-0727	300 W - 550 S TO 600 S	3	3								250,000
10401		2016-0895	ELGIN AVE SEWER REPLACEMENT	3	4				50,000		350,000		
10401		2015-0318	700 SOUTH - 3750 WEST TO IRON ROSE PLACE (3830 W)	4	4								650,000
10401	525002835	2016-0873	DOOLEY COURT	3	5	150,000	60,000						
10401	525002851	R18-0027	1200 WEST TRUNK LINE REHABILITATION PROJECT	5	5	75,000							32,000,000
10401	525003010	2020-1009	BECK STREET TRUNK LINE REHABILITATION PROJECT	5	5				10,000,000	2,000,000	8,000,000		6,000,000
10401	525002981	2016-1125	CIPP SEWER ON 650 EAST SIXTEENTH AVE	3	5	80,000							
10401	525002983	2016-1128	CIPP SEWER ON NORTHCREST DR BETWEEN I STREET AND ALOHA RD	3	5	50,000							
10401	525002984	2016-1130	CIPP SEWER ON C STREET BETWEEN TENTH AVE AND ELEVENTH AVE	3	5	130,000							
10401	525002943	2016-1141	CIPP SEWER ON J STREET BETWEEN EIGHTH AVE AND NINTH AVE	3	5	40,000							
10401	525002944	2016-1143	CIPP SEWER ON A STREET FROM SIXTH AVE TO SEVENTH AVE	3	5	50,000							
10401	525002945	2016-1146	CIPP SEWER AT 2930 EAST OQUIRRH DR	3	5	160,000							
10401	525002946	2016-1147	CIPP SEWER ON 2725 EAST ST MARY'S WAY	3	5	280,000							
10401	525002947	2016-1148	CIPP SEWER AT 3050 EAST SHERWOOD DR	3	5	50,000							
10401	525002948	2016-1150	CIPP SEWER ON 1470 SOUTH CANTERBURY DR	3	5	50,000							
10401	525002949	2016-1151	CIPP SEWER ON 1515 SOUTH DEVONSHIRE DR	3	5	65,000							
10401	525002950	2016-1182	CIPP SEWER ON EMERSON AVE FROM 2300 EAST TO FOOTHILL	3	5	35,000							
10401	525002951	2016-1170	CIPP SEWER BETWEEN 1811 SOUTH FOOTHILL AND 1845 SOUTH FOOTHILL DR	3	5	300,000							
10401	525002952	2016-1243	CIPP SEWER ON 2100 SOUTH BETWEEN MCCLELLAND ST AND 1100 EAST	3	5	45,000							
10401	525002953	2016-1196	CIPP SEWER FROM 2400 EAST KENSINGTON AVE TO 2440 EAST KENSINGTON AVE	3	5	80,000							
10401	525002954	2016-1199	CIPP SEWER ON 800 EAST FROM PARKWAY AVE TO FAIRMONT CIR	3	5	230,000							
10401	525002955	2016-1205	CIPP SEWER ON 600 WEST BETWEEN 100 SOUTH AND 200 SOUTH	3	5	60,000							
10401	525002956	2016-1210	CIPP SEWER ON KENDEN DR AND SCENIC DR	3	5	35,000							
10401	525002957	2016-1211	CIPP SEWER AT PARLEYS WAY AND MAYWOOD DR	3	5	45,000							
10401	525002958	2016-1217	CIPP SEWER ON GARFIELD AVE FROM 2130 EAST GARFIELD TO CONNER ST	3	5	35,000							
10401	525002960	2016-1220	CIPP SEWER ON HANNIBAL ST FROM WILMINGTON AVE TO PARLEYS CANYON BL	3	5	100,000							
10401	525002962	2016-1221	CIPP SEWER SUGAR HOUSE PARK (1630 E 2100 S)	3	5	300,000							
10401	525002959	2016-1237	CIPP SEWER ON CLAYBOURNE AVE FROM 1300 EAST TO ALDEN ST	3	5			70,000					
10401	525002964	2016-1238	CIPP SEWER ON 1000 EAST BETWEEN 2700 SOUTH AND 2800 SOUTH	3	5			50,000					
10401		2016-1240	CIPP SEWER ON MCCLELLAND ST AT CRANDAL AVE	3	5								35,000
10401	525002967	2016-1254	CIPP SEWER 745 SOUTH GUARDSMAN WAY	3	5			50,000					
10401		2015-0683	8TH AVE - FROM M ST TO L ST	3	4								22,000
10401	525002961	2016-0872	800 W 100 N TO 100 S BOTH SIDES	3	5			200,000					
10401	525002969	2016-0907	800 W 300 - 400 N EAST SIDE	3	5			160,000					

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10401		2016-0963	CIPP SEWER LINE PROJECT FROM 1038 EAST NORTH BONNEVILLE DR TO 760 NORTH NORTHLAND DR	3	4								25,000
10401		2016-0836	2600 E BLAINE AVE TO FOOTHILL	2	5								100,000
10401	525002965	2016-0740	SOUTH TEMPLE FROM 1410 EAST TO 1380 EAST	3	5			25,000					
10401	525002446	2016-0896	700 WEST FROM 250 NORTH TO 300 NORTH	4	5			55,000					
10401	525002973	2016-0970	CIPP SEWER LINE FROM 300 WEST TO 260 WEST ON REED AVE	3	5			70,000					
10401		2016-0972	CIPP SEWER VIRGINIA ST FROM MH 22062 TO POPPERTON WAY	3	4								25,000
10401	525002972	2016-0975	CIPP SEWER IN INTERNATIONAL CENTER ON NEIL ARMSTRONG ROAD	3	5			110,000					
10401		2016-0976	CIPP SEWER ON DONNER WAY AND DONNER CIRCLE	3	4								20,000
10401		2016-0978	CIPP SEWER ON OAK HILLS WAY	3	4								66,000
10401		2016-0984	CIPP SEWER ON WILTON WAY TO SHERWOOD DR	3	4								110,000
10401	525002968	2016-0985	CIPP SEWER ON ROXBURY ROAD	3	5	---							
10401	525002970	2016-0986	CIPP SEWER ON APACHE CIRCLE	3	5			70,000					
10401		2016-0996	CIPP SEWER 1700 SOUTH AND FOOTHILL DR	3	4								85,000
10401	525002976	2016-1022	CIPP SEWER ON BRYAN AVE FROM 1000 EAST TO 1100 EAST	3	5			55,000					
10401	525002977	2016-1023	CIPP SEWER ON 1200 EAST FROM WOOD AVE TO MILTON AVE	3	5			150,000					
10401		2016-1025	CIPP SEWER 1700 SOUTH 2100 EAST	3	4								50,000
10401		2016-1029	CIPP SEWER ON 1100 EAST FROM MICHIGAN AVE TO HERBERT AVE	3	5								90,000
10401		2016-1034	CIPP SEWER ON WHITLOCK AVE FROM HIGHLAND DR TO DOUGLAS ST	3	4								40,000
10401		2016-1037	CIPP SEWER ON HOLLYWOOD AVE BETWEEN 1800 EAST AND 1900 EAST	3	3								55,000
10401		2016-1043	CIPP SEWER ON 200 EAST AND 100 SOUTH	3	5								200,000
10401		2016-1045	CIPP SEWER ON WEST TEMPLE BETWEEN SOUTH TEMPLE AND 100 SOUTH	3	5								200,000
10401		2016-1046	CIPP SEWER ON 100 SOUTH STATE STREET	3	5								250,000
10401		2016-1060	CIPP SEWER ON 800 EAST FROM SIMPSON AVE TO WILMINGTON AVE	3	5								200,000
10401		2016-1061	CIPP SEWER ON THIRD AVE FROM O ST TO P ST	3	4								70,000
10401		2016-1074	CIPP SEWER ON SOUTH TEMPLE FROM P ST TO Q ST	3	5								900,000
10401		2016-1076	CIPP SEWER ON 900 EAST FROM SOUTH TEMPLE TO 100 SOUTH	3	4								40,000
10401		2016-1079	CIPP SEWER ON 200 SOUTH 1300 EAST TO UNIVERSITY	3	4								40,000
10401		2016-1082	CIPP SEWER ON LINDEN AVE AND 1000 EAST	3	5								40,000
10401		2016-1083	CIPP SEWER ON 900 EAST BETWEEN 300 SOUTH AND 400 SOUTH	3	4								400,000
10401		2016-1084	CIPP SEWER ON GILMER DR	3	4								80,000
10401		2016-1085	CIPP SEWER ON 1900 EAST FROM HERBERT AVE TO YALE AVE	3	5								60,000
10401	525003022	2016-1087	1700 SOUTH AND 1700 EAST SEWER REHAB	3	4			225,000					75,000
10401		2016-1088	CIPP SEWER ON FAYETTE AVE AND WEST TEMPLE	3	5								50,000
10401		2016-1109	CIPP SEWER ON ELY PL AND 700 EAST	3	5								
10401		2016-1010	CIPP SEWER ON 1000 EAST FROM SOUTH TEMPLE TO 100 SOUTH	3	4								55,000
10401		2016-1111	CIPP SEWER ON 200 EAST FROM 250 SOUTH TO 300 SOUTH	3	5								200,000
10401		2016-1115	CIPP SEWER ON 200 NORTH BETWEEN WEST TEMPLE AND ALMOND ST	3	4								110,000
10401		2016-1122	CIPP SEWER ON EDGEHILL ROAD AND LITTLE VALLEY ROAD	3	5								35,000
10401		2016-1124	CIPP SEWER ON NORTHMONT WAY AND EIGHTEENTH AVE	3	5								60,000
10401		2016-1126	CIPP SEWER ON TERRACE HILLS DR BETWEEN NORTHCREST DR AND NORTH BONNEVILLE	3	5								90,000
10401		2016-1132	CIPP SEWER ON NINTH AVE BETWEEN K STREET AND L STREET	3	4								70,000
10401		2016-1140	CIPP SEWER ON DORCHESTER DR FROM BRAEWICK RD TO SANDRUN RD	3	5								70,000
10401		2016-1142	CIPP SEWER ON B STREET FROM SIXTH AVE TO SEVENTH AVE	3	5								300,000
10401		2016-1145	CIPP SEWER ON DONNER WAY FROM THACKERAY PL TO SHAKESPEARE PL	3	5								40,000
10401		2016-1152	CIPP SEWER ON KENSINGTON AVE AND BEACON DR	3	4								100,000
10401		2016-1153	CIPP SEWER ON CANTERBURY DR FROM LANCASTER DR TO WILTON WAY	3	5								70,000
10401		2016-1156	CIPP SEWER ON UTE DR FROM INDIAN HILL CIRCLE TO EAGLE WAY	3	4								60,000
10401		2016-1157	CIPP SEWER ON COMANCHE DR AND EAGLE WAY	3	5								15,000
10401		2016-1158	CIPP SEWER ON WASATCH DR BETWEEN 1700 SOUTH AND SKYLINE DR	3	5								150,000
10401		2016-1172	CIPP SEWER FROM 1911 SOUTH FOOTHILL TO 1975 SOUTH FOOTHILL	3	4								19,000
10401		2016-1198	CIPP SEWER ON BLAINE AVE AND TEXAS ST	3	5								90,000
10401		2016-1207	CIPP SEWER ON INDUSTRIAL AVE AND 1700 SOUTH	3	5								15,000
10401		2016-1209	CIPP SEWER ON 2300 EAST BETWEEN CLUBHOUSE DR AND MAYWOOD DR	3	5								30,000
10401		2016-1212	CIPP SEWER FROM 2526 EAST COMMONWEALTH TO WYOMING ST	3	5								35,000
10401		2016-1213	CIPP SEWER ON 2000 EAST BETWEEN WILSON AVE AND DOWNINGTOWN AVE	3	5								60,000
10401		2016-1214	CIPP SEWER FROM 1838 EAST DOWNINGTOWN AVE TO 1800 EAST	3	5								70,000
10401		2016-1215	CIPP SEWER ON 2100 EAST FROM WILSON AVE TO DOWNINGTOWN AVE	3	4								25,000
10401		2016-1229	CIPP SEWER ON GLENMARE ST BETWEEN STRATFORD AVE AND 2700 SOUTH	3	5								19,000
10401		2016-1241	CIPP SEWER ON HUDSON AVE BETWEEN HIGHLAND DRIVE AND 1400 EAST	3	5								100,000
10401		2016-1242	CIPP SEWER ON SYLVAN AVE BETWEEN 1900 EAST AND 2000 EAST	3	4								40,000
10401		2016-1245	CIPP SEWER ON THIRD AVE AT CANYON ROAD	3	5								80,000
10401	525003041	2016-1246	Sewer Rehab State Street -- NT to 300 N	3	5	---							
10401		2016-1248	CIPP SEWER ON C STREET BETWEEN FIFTH AVE AND SIXTH AVE	3	5								180,000
10401		2016-1256	CIPP SEWER ON UNIVERSITY BLVD (500 S) FROM 1500 EAST TO GUARDSMAN WAY	3	4								70,000
10401		2015-0309	500 SOUTH - 3415 WEST TO 3600 WEST	3	3								224,000
10401		2016-0821	ELGIN AVE 1000 E - 950 E	2	4								250,000
10401		2016-0967	8-IN CIPP SEWER LINE FROM CAMBRIDGE WAY TO 1330 EAST PERRYS HOLLOW	3	4								80,000



**SEWER UTILITY CIP BUDGET  
Five Year Projected Budget 2023-2027**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2021-22	BUDGET YEAR 2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	DELAYED
			<b>MAINTENANCE ACCESS REHAB PROGRAM (VARIOUS LOCATIONS)</b>										
10401			MAINTENANCE ACCESS REHAB PROGRAM (VARIOUS LOCATIONS)	5	5			500,000		500,000	500,000		1,000,000
10401	525002875	2015-0478	FY 2019-2020 Manhole Rehab Program (Various Locations)	4	5	---							
10401		2021-1018	500 S Surplus Siphon Rehabilitation	4	4								750,000
10401		2021-1050	Facility ID 21309 Replacement	3	4								170,000
						0	0	500,000	0	500,000	500,000	0	1,920,000
			<b>OTHER PROJECTS</b>										
10401			CONTRIBUTIONS BY DEVELOPERS	5	5	500,000	500,000	500,000	500,000	500,000	500,000	500,000	
10401		2021-1045	FY 21/22 Collection System Capital Project Support	4	4	600,000							
10401		2021-1129	FY 22/23 Collection System Capital Project Support	4	4		650,000						
10401	525003006	R-20-0277	01WW - Construction Management Support Services	5	0	200,000							
10401			TASK 1 PROGRAM MANAGMENT SERVICES (Jacobs)				360,000						
						1,300,000	1,510,000	500,000	500,000	500,000	500,000	500,000	0
			<b>MASTER PLAN IMPLEMENTATION PROGRAM</b>										
10401	525002850	2016-0926	MP11 - State Street 500 South Diversion Improvement	5	5	---							
10401		2016-0950	MP13 - BECK STREET TRUNK REPLACEMENT FROM 500 SOUTH AND STATE STREET TO 700 SOUTH AND	5	3								20,000,000
10401	525002878	R19-0079	1800 North Sewer Realignment, Phase 1 - Inverted Siphon	5	5	8,100,000	500,000						
10401	525002879	R19-0082	1800 North Sewer Realignment, Phase 2 - Trunk Sewer	5	5	8,250,000	14,500,000	1,500,000					
10401	525002915	R19-0084	1800 North Sewer Realignment, Phase 3 - Rehabilitation	5	5			4,000,000					
10401	525002631	2015-0280	ORANGE STREET - PHASE IV - INDIANA TO 1500 SOUTH	5	4					1,200,000	9,500,000		
10401	52490787	2015-0269	MP12D - 700 SOUTH LIFT STATION (SS 10)	5	4	---							
10401		2016-0929	MP16 - 600 WEST AND 700 SOUTH TO 500 WEST AND 800 SOUTH	5	5			30,000					2,500,000
10401		2016-0931	MP17B - MAIN STREET FROM 800 SOUTH TO 900 SOUTH	5	5			30,000					1,750,000
10401		2016-0940	MP19 - FOLSOM AVENUE FROM 500 WEST TO 1000 WEST	5	5			30,000					13,500,000
10401		2016-0941	MP20 - 700 WEST FROM 900 SOUTH TO 600 SOUTH	5	4			30,000					5,500,000
10401		2016-0942	MP21 - 100 SOUTH AND 300 WEST DIVERSION	5	4								360,000
10401		2015-0322	MP28 - NORTH TEMPLE - AIRPORT TO ORANGE STREET	4	4								16,250,000
10401		2016-0949	MP26 - SOUTH TEMPLE AND 400 WEST DIVERSION	4	4				40,000				250,000
10401		2016-0943	MP22 - PIONEER ROAD FROM CALIFORNIA AVENUE TO 1500 SOUTH	4	4			40,000					9,000,000
10401		2016-0947	MP24 - 400 SOUTH FROM 300 WEST TO 600 WEST	4	3								3,000,000
10401		2016-0953	MP31 - 600 SOUTH FROM 800 WEST TO 900 WEST	4	3								2,000,000
10401		2016-0952	MP30 - 200 EAST FROM 300 SOUTH TO 500 SOUTH	4	4					350,000		4,000,000	
10401		2016-0946	MP23 - Parallel 1000 West Trunk	4	3								25,000,000
10401		2016-1195	MP29 - BECK STREET TRUCK REPLACEMENT FROM 200 SOUTH AND 300 WEST TO STATE STREET AND	4	3								16,000,000
10401		2016-0841	500 S. PUMP AND THIRD FORCE MAIN INSTALLATION	5	1								18,000,000
10401		2016-0954	MP32 - 700 WEST FROM 700 SOUTH TO 500 SOUTH (EAST SIDE OF I-15)	4	3					40,000			3,000,000
10401		2015-0660	SATELLITE TREATMENT PLANT	5	0								405,500,000
10401		2016-0948	MP25 - Centennial Lift Station Discharge	1	0								3,400,000
10401		2019-1123	700 S. PUMP AND THIRD FORCE MAIN INSTALLATION	5	2								20,000,000
10401	525003027	2019-1085	2300 EWINGMINGTON AVE/YUMA ST UPSIZING PROJECT	5	4	80,000		350,000		3,500,000			
10401	525003004	2019-1086	EMERY STREET UPSIZING PROJECT	4	5	---		700,000					
10401	525002924	2015-0483	Land Easement for 500 South MP Project to Orange Street	5	4		200,000						
10401		2016-0842	MP12B&C - 500 South Capacity Upgrades (3400 West to Orange Street)	5	4					1,500,000		15,000,000	
10401	525002940	2019-1082	2100 S CAPACITY UPGRADE PROJECT	5	5	7,750,000	500,000						
10401		2019-1105	SOUTH TEMPLE UPSIZING PROJECT	5	5			250,000	2,000,000				
10401		2019-1116	Gladiola Street Capacity Project	2	0								4,000,000
10401		2019-1117	Amelia Earhart Dr/Jimmy Doolittle Rd Upsizing Project	3	3								2,000,000
10401		2019-1118	2100 S Upsizing Project	3	3								1,500,000
10401		2019-1119	California Ave Upsizing Project	3	3								660,000
10401		2019-1120	South Temple/200 E Upsizing Project	3	3						225,000		600,000
10401		2019-1121	700 S Upsizing Project	3	2								2,000,000
10401		2019-1122	N Wall St Upsizing Project	3	2								500,000
10401		2020-1044	MP8B - 3230 West Capacity Upgrades	4	2								4,000,000
			<b>Total improvements other than buildings</b>			32,005,000	24,385,000	23,415,000	16,330,000	26,930,000	25,675,000	25,300,000	660,805,000
			<b>Total CIP</b>			225,735,826	205,884,910	234,047,425	117,811,718	75,579,277	37,815,406	25,825,000	679,227,900

**SEWER UTILITY CAPITAL PURCHASES**  
**Projected Budget 2022-23**

<u>Cost Center</u>	<u>Object Code</u>	<u>Asset Description</u>	<u>Budget Year 2022-23</u>
	<b>275010</b>	<b>Automobiles &amp; Trucks</b>	<b>Amount</b>
5210101		Ford F550 4X4 w/ Dump bed (replaces 2001 Ford F550)	63,000.00
5210601		Chevy 3500 (replaces International 4900)	64,000.00
5210601		Electric vehicle/Hybrid (replaces 2013 GMC Terrain)	35,000.00
5210601		Ford F450 (replaces 2014 Freightliner Sprinter)	228,053.67
5210601		Chevy 2500 HD 4 door 4X4 (replaces 2013 Toyota Tacoma)	52,000.00
5210601		Freightliner 114 (replaces 2009 International 7600 4X4)	365,000.00
5211201		Club Cart/Golf Cart - New	21,000.00
5211201		Club Cart/Golf Cart - New	21,000.00
			<b>\$ 849,053.67</b>
	<b>275030</b>	<b>FIELD MAINTENACE EQUIPMENT</b>	<b>Amount</b>
5210601		Toro CM 1248Y-SD cement mixer - replaces existing unit	12,000.00
5210601		SPMI roll off tub -22'X40 yard - replaces existing solution	10,000.00
5210601		CAT Backhoe replacement program	9,000.00
5211201		Toyota forklift - replace 1999 Daewoo at WRF storehouse	65,000.00
			<b>\$ 96,000.00</b>
	<b>276020</b>	<b>TREATMENT PLANT EQUIPMENT</b>	
5211201		Aeration basin drainage pump	45,000.00
			<b>\$ 45,000.00</b>
	<b>276050</b>	<b>OFFICE FURNITURE AND EQUIPMENT</b>	
5211701		Replacement - Radio System	240,000.00
			<b>\$ 240,000.00</b>
	<b>276090</b>	<b>OTHER NON-MOTIVE EQUIPMENT</b>	
5211201		HVAC upgrades - 3 units	75,000.00
			<b>\$ 75,000.00</b>
		<b>Total</b>	<b>\$ 1,305,053.67</b>

**Stormwater Utility- Budget Summary and Cash Flow**

**STORMWATER UTILITY BUDGET SUMMARY  
FY 2023-2025**

Rate increase 15%    Rate increase 10%    Rate increase 10%

SOURCES	ACTUAL	COUNCIL	AMENDED	PROJECTED	PROPOSED	FORECAST	FORECAST
	2020-21	ADOPTED	BUDGET	ACTUAL	BUDGET	BUDGET	BUDGET
		2021-22	2021-22	2021-22	2022-23	2023-24	2024-25
<b>REVENUE &amp; OTHER SOURCES</b>							
<b>REVENUES</b>							
STORM WATER FEES	\$ 10,922,225	\$ 10,714,550	\$ 10,714,550	\$ 10,714,550	\$ 12,321,733	\$ 13,553,906	\$ 14,909,297
INTEREST INCOME	105,061	119,200	119,200	96,203	75,000	36,249	39,402
OTHER REVENUES	78,078	64,000	64,000	82,324	103,000	103,000	103,000
<b>TOTAL REVENUES</b>	<b>\$ 11,105,364</b>	<b>\$ 10,897,750</b>	<b>\$ 10,897,750</b>	<b>\$ 10,893,077</b>	<b>\$ 12,499,733</b>	<b>\$ 13,693,155</b>	<b>\$ 15,051,699</b>
<b>OTHER SOURCES</b>							
GRANTS & OTHER RELATED REVENUES	\$ -	\$ 352,000	\$ 352,000	\$ 352,000	\$ 352,000	\$ 352,000	\$ 4,352,000
SALE OF EQUIPMENT	9,935	-	-	-	-	-	-
COUNTY FLOOD CONTROL	-	-	-	-	-	-	-
IMPACT FEES	928,384	389,000	389,000	665,023	625,000	625,000	625,000
BOND PROCEEDS	14,524,479	6,160,000	6,160,000	-	-	5,028,000	-
<b>TOTAL OTHER SOURCES</b>	<b>\$ 15,462,798</b>	<b>\$ 6,901,000</b>	<b>\$ 6,901,000</b>	<b>\$ 1,017,023</b>	<b>\$ 977,000</b>	<b>\$ 6,005,000</b>	<b>\$ 4,977,000</b>
<b>TOTAL REVENUE &amp; OTHER SOURCES</b>	<b>\$ 26,568,162</b>	<b>\$ 17,798,750</b>	<b>\$ 17,798,750</b>	<b>\$ 11,910,100</b>	<b>\$ 13,476,733</b>	<b>\$ 19,698,155</b>	<b>\$ 20,028,699</b>
<b>EXPENSES &amp; OTHER USES</b>							
<b>EXPENDITURES</b>							
PERSONNEL SERVICES	\$ 3,041,941	\$ 4,215,783	\$ 4,235,488	\$ 4,235,488	\$ 4,612,954	\$ 4,797,472	\$ 4,989,371
OPERATING & MAINTENANCE	193,434	232,408	232,408	232,408	306,197	312,321	318,568
TRAVEL & TRAINING	330	23,615	23,615	23,615	28,265	28,830	29,406
UTILITIES	167,325	264,318	264,318	264,318	271,118	276,540	282,070
TECHNICAL SERVICES	390,674	1,083,723	1,501,013	1,501,013	1,443,940	1,472,819	1,502,277
PUBLIC SERVICES / STREET SWEEPING	236,000	819,605	819,605	819,605	819,605	819,605	819,605
IMS SERVICES	460,634	802,400	802,400	802,400	882,640	900,293	918,299
FLEET MAINTENANCE	191,101	214,000	214,000	214,000	317,215	323,559	330,030
ADMINISTRATIVE SERVICE FEE	147,607	164,800	164,800	164,800	197,375	201,323	205,349
PAYMENT IN LIEU OF TAXES	124,259	133,525	133,525	133,525	149,450	152,439	155,488
BILLING COST	674,938	669,010	669,010	669,010	669,010	682,390	696,038
RISK MANAGEMENT	39,255	52,100	52,100	52,100	58,255	59,420	60,608
TRANSFERS TO GENERAL FUND	-	4,000	4,000	4,000	-	-	-
OTHER CHARGES AND SERVICES	63,205	24,755	27,033	24,755	27,377	27,925	28,484
<b>TOTAL EXPENDITURES</b>	<b>\$ 5,730,703</b>	<b>\$ 8,704,042</b>	<b>\$ 9,143,315</b>	<b>\$ 9,141,037</b>	<b>\$ 9,783,401</b>	<b>\$ 10,054,936</b>	<b>\$ 10,335,593</b>
<b>OTHER USES</b>							
CAPITAL OUTLAY	\$ 93,446	\$ 218,000	\$ 512,866	\$ 512,866	\$ 1,637,000	\$ 500,000	\$ 500,000
CAPITAL IMPROVEMENT BUDGET	3,925,293	8,530,500	12,727,316	12,727,316	5,725,000	7,105,000	11,160,000
COST OF DEBT ISSUANCE	23,570	34,200	34,200	-	-	28,000	-
DEBT SERVICES	1,268,215	1,714,271	1,714,271	1,714,271	1,554,321	1,648,254	1,622,376
<b>TOTAL OTHER USES</b>	<b>\$ 5,310,524</b>	<b>\$ 10,496,971</b>	<b>\$ 14,988,653</b>	<b>\$ 14,954,453</b>	<b>\$ 8,916,321</b>	<b>\$ 9,281,254</b>	<b>\$ 13,282,376</b>
<b>TOTAL EXPENSE &amp; OTHER USES</b>	<b>\$ 11,041,227</b>	<b>\$ 19,201,013</b>	<b>\$ 24,131,968</b>	<b>\$ 24,095,490</b>	<b>\$ 18,699,722</b>	<b>\$ 19,336,190</b>	<b>\$ 23,617,969</b>
<b>EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES</b>							
	<b>\$ 15,526,935</b>	<b>\$ (1,402,263)</b>	<b>\$ (6,333,218)</b>	<b>\$ (12,185,390)</b>	<b>\$ (5,222,989)</b>	<b>\$ 361,965</b>	<b>\$ (3,589,270)</b>
<b>OPERATING CASH BALANCES</b>							
BEGINNING JULY 1	\$ 7,504,567	\$ 22,185,370	\$ 22,185,370	\$ 22,185,370	\$ 9,999,980	\$ 4,776,991	\$ 5,138,956
RESTRICTED / DESIGNATED	\$ (846,132)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
AVAILABLE JUNE 30	\$ 22,185,370	\$ 20,783,107	\$ 15,852,152	\$ 9,999,980	\$ 4,776,991	\$ 5,138,956	\$ 1,549,686
Cash Reserve Ratio	387%		173%	109%	49%	51%	15%
<b>Cash reserve goal above 14%</b>							

**STORMWATER UTILITY CASH FLOW**  
**FY 2023 BUDGET / FY 2024-2027 FORECAST**

	ACTUAL YEAR 2020-2021	PROJECTED YEAR 2021-2022	BUDGET YEAR 2022-2023	BUDGET YEAR 2023-2024	BUDGET YEAR 2024-2025	BUDGET YEAR 2025-2026	BUDGET YEAR 2026-2027
<b>REVENUE</b>							
STORMWATER CHARGES	\$ 10,889,575	\$ 10,714,550	\$ 12,321,733	\$ 13,553,906	\$ 14,909,297	\$ 15,654,762	\$ 15,654,762
OTHER INCOME	110,728	82,324	103,000	103,000	103,000	103,000	103,000
INTEREST INCOME	105,061	96,203	75,000	36,249	39,402	12,939	31,821
OPERATING INCOME	\$ 11,105,364	\$ 10,893,077	\$ 12,499,733	\$ 13,693,155	\$ 15,051,699	\$ 15,770,701	\$ 15,789,583
<b>OPERATING EXPENDITURES</b>							
OPERATING EXPENDITURES	\$ (5,730,703)	\$ (9,141,037)	\$ (9,783,401)	\$ (10,054,936)	\$ (10,335,593)	\$ (10,625,699)	\$ (10,925,599)
<b>NET INCOME EXCLUDING DEP.</b>	\$ 5,374,661	\$ 1,752,040	\$ 2,716,332	\$ 3,638,219	\$ 4,716,106	\$ 5,145,002	\$ 4,863,984
<b>OTHER INCOME &amp; EXPENSE</b>							
IMPACT FEES	\$ 928,384	\$ 665,023	\$ 625,000	\$ 625,000	\$ 625,000	\$ 625,000	\$ 625,000
NET BOND PROCEEDS	14,500,909	-	-	5,000,000	-	6,000,000	-
COST OF ISSUANCE (PROCEEDS)	23,570	-	-	28,000	-	34,000	-
COST OF ISSUANCE (EXP.)	(23,570)	-	-	(28,000)	-	(34,000)	-
OTHER CONTRIBUTIONS	-	352,000	352,000	352,000	4,352,000	352,000	352,000
SALE OF EQUIPMENT	9,935	-	-	-	-	-	-
CAPITAL OUTLAY	(93,446)	(512,866)	(1,637,000)	(500,000)	(500,000)	(500,000)	(500,000)
SHORT-TERM DEBT	-	-	-	-	-	-	-
DEBT SERVICE (NEW)	-	-	-	(130,000)	(156,000)	(312,000)	(466,000)
DEBT SERVICE	\$ (1,268,215)	\$ (1,714,271)	\$ (1,554,321)	\$ (1,518,254)	\$ (1,466,376)	\$ (1,465,499)	\$ (1,173,465)
<b>OTHER INCOME &amp; EXPENSE</b>	\$ 14,077,567	\$ (1,210,114)	\$ (2,214,321)	\$ 3,828,746	\$ 2,854,624	\$ 4,699,501	\$ (1,162,465)
<b>CAPITAL GENERATION</b>							
GENERATED FOR CAPITAL	\$ 19,452,228	\$ 541,926	\$ 502,011	\$ 7,466,965	\$ 7,570,730	\$ 9,844,503	\$ 3,701,519
<b>CAPITAL IMPROVEMENTS</b>							
CAPITAL IMPROVEMENTS	\$ (3,925,293)	\$ (12,727,316)	\$ (5,725,000)	\$ (7,105,000)	\$ (11,160,000)	\$ (7,390,000)	\$ (6,040,000)
<b>BEGINING CASH BALANCE</b>	\$ 7,504,567	\$ 22,185,370	\$ 9,999,980	\$ 4,776,991	\$ 5,138,956	\$ 1,549,686	\$ 4,004,189
<b>CASH INCREASE/(DECREASE)</b>	\$ 15,526,935	\$ (12,185,390)	\$ (5,222,989)	\$ 361,965	\$ (3,589,270)	\$ 2,454,503	\$ (2,338,481)
<b>RESTRICTED/DESIGNATED</b>	\$ (846,132)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>ENDING CASH AVAILABLE</b>	\$ 22,185,370	\$ 9,999,980	\$ 4,776,991	\$ 5,138,956	\$ 1,549,686	\$ 4,004,189	\$ 1,665,708
<b>Cash Reserve Ratio</b>	402%	109%	49%	51%	15%	38%	15%
<b>DEBT SERVICE COVERAGE</b>	4.24	1.02	1.75	2.21	2.91	2.89	2.97
<b>RATE CHANGE</b>	0%	10%	15%	10%	10%	5%	0%
Revenue	26,568,162	11,910,100	13,476,733	19,698,155	20,028,699	22,781,701	16,766,583
<b>DEBT SERVICE % OF GROSS OPERATING REVENUE</b>	11%	16%	12%	12%	11%	11%	10%
<b>RESIDENTIAL BILL FOR 1 ERU (or .25 acre)</b>	5.43	5.97	6.87	7.56	8.32	8.74	8.74



**STORMWATER CIP BUDGET**  
**Projected Budget 2023-2029**

COST CENTER	OBJECT CODE / PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	DELAYED
53-10301	2720.05		<b>LIFT STATIONS</b>											
10301		2021-1113	VARIOUS PUMP STATIONS	5	5					100,000	100,000	200,000	200,000	
10301	53471040		SWEDE TOWN LIFT STATION	4	0	700,000	200,000	1,200,000						
10301		2020-1144	NORTHWEST DRAIN LIFT STATION RECONSTRUCTION	5	5		550,000		3,500,000					
						\$ 700,000	\$ 750,000	\$ 1,200,000	\$ 3,500,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 200,000	\$ -
53-10301	2730.20		<b>DETENTION BASINS</b>											
10301	534720008	2021-1110	VARIOUS DETENTION BASINS	5	5	50,000		50,000		50,000	50,000	50,000	50,000	
10301		2021-1065	GRANARY DISTRICT FLOODPLAIN MITIGATION AND RE-MAPPING	5	5	50,000		365,000	3,500,000					
						\$ 100,000	\$ -	\$ 415,000	\$ 3,500,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -
53-10301	2730.12		<b>COLLECTION MAINS</b>											
10301	534701097	2021-1111	VARIOUS COLLECTION MAINS	5	5	130,000				300,000	300,000	300,000	300,000	
10301	53470970	2016-0853	DITCH BANK EROSION PROTECTION - 600 NORTH 550 WEST	4	4	35,000	275,000							
10301		2021-1056	LOCAL STORM DRAIN IMPROVEMENTS	4	4		200,000	200,000	200,000	200,000	200,000	200,000	200,000	
10301		2021-1112	NORTHWEST DRAIN BYPASS TO JORDAN RIVER	5	0		150,000		1,650,000					
10301		2022-1006	STORM DRAIN REHAB - EMIGRATION CREEK AND 1700 S	5	5		310,000							
10301	53470974		ORANGE STREET STORM DRAIN - NORTH TEMPLE TO I-80	5	0									500,000
10301		2017-2034	RED BUTTE CREEK CULVERT AT 900 SOUTH - LINER	5	4									300,000
10301	534701029		PIPE REPLACEMENT AT 746 SOUTH ELIZABETH AND 750 S 1100 E	3	5									180,000
10301	53470988		7200 WEST AND NORTH TEMPLE CULVERT REPLACEMENT AND CANAL REH-	4	4									250,000
10301	53470994		CITY DRAIN CROSSING AT HUNTER STABLES	4	3									250,000
10301	534701035	2019-1110	SOUTH TEMPLE - R STREET TO 800 EAST STORM DRAIN ASSESSMENT AND	4	5	550,000				300,000	300,000	300,000	300,000	
10301	53470882	2017-2101	LEE DRAIN - PIPE OPEN CHANNEL WEST OF PIONEER ROAD	5	4	895,000								
10301	534701096	2015-0142	MIDDLE BRIGHTON RAILROAD CULVERT REHABILITATION	5	4	40,000								
10301	534700998	2016-0746	ABANDONMENT OF STORMWATER DITCH FROM WARM SPRINGS ROAD TO	4	4	350,000								
10301	534701095	2015-0131	REPAIR OUTLETS ON THE LEE DRAIN AT 4800 WEST	3	4	21,000								
10301	534701000	2016-0750	1700 SOUTH STORM DRAIN, FROM 2100 EAST TO EMIGRATION CREEK	3	0	2,200,000								
						\$ 4,221,000	\$ 935,000	\$ 200,000	\$ 200,000	\$ 2,150,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 1,480,000
53-10301	2730.12		<b>CITY, COUNTY, STATE AND MISC. DRIVEN PROJECTS</b>											
10301		2021-1130	TASK 1 PROGRAM MANAGEMENT SERVICES (JACOBS)	3	3	150,000	180,000	250,000						
10301		2021-1128	STORMWATER SYSTEM CAPITAL PROJECT SUPPORT	3	3		100,000							
10301		2021-1114	STORM DRAIN CITY/COUNTY/STATE PROJECTS	5	5	150,000	150,000	150,000	150,000	150,000	150,000	1,250,000	1,250,000	
10301		2022-1009	ROADWAY RECONSTRUCTION PRELIMINARY DESIGN ASSESSMENTS	5	5		140,000	140,000	140,000	140,000	140,000	140,000	140,000	
10301	534701051	2021-1115	SURPLUS CANAL ENCROACHMENT AND PERMITTING	5	5	50,000	50,000							
10301		2019-1010	1100 EAST HIGHLAND - RAMONA TO WARNOCK	4	3		1,300,000							
10301		2020-1131	1100 EAST - 900 SOUTH TO RAMONA	4	3		400,000							
10301		2020-1133	LOCAL STREETS FY23	3	5		200,000							
10301		2020-1132	300 NORTH - 300 WEST TO 1000 WEST	4	3		40,000	400,000						
10301		2020-1137	VIRGINIA STREET - SOUTH TEMPLE TO 11TH AVE	4	3		50,000	500,000						
10301		2020-1139	1300 EAST - 2100 SOUTH TO 3000 SOUTH	5	3		120,000	1,200,000						
10301		2020-1138	W TEMPLE - NORTH TEMPLE TO 400 SOUTH	3	5		60,000	600,000						
10301		2020-1140	LOCAL STREETS FY24	3	5			200,000						
10301		2020-1141	2100 SOUTH - 700 EAST TO 1700 EAST	4	5		80,000	800,000						
10301		2020-1142	1700 EAST - 1700 SOUTH TO 2700 SOUTH	4	4		70,000	700,000						
10301		2020-1143	LOCAL STREETS DISTRICT FY25	3	5			200,000						
10301			900 WEST - NORTH TEMPLE TO 600 NORTH	4	4			50,000	500,000					
10301			LOCAL STREETS FY26	4	4			20,000	200,000					
10301			700 NORTH - REDWOOD ROAD TO 2200 WEST	4	4			50,000	500,000					
10301			LOCAL STREETS FY27	4	4			50,000	500,000					
10301	534701028	2019-0118	900 SOUTH - 900 WEST TO 300 WEST, WEST TEMPLE TO 900 EAST	5	3	1,122,500								
10301	534701061	2019-1005	200 SOUTH - 400 WEST TO 900 EAST	4	3	500,000								
10301	534701092	2020-1130	LOCAL STREETS DISTRICTS FY22	3	5	200,000								
						\$ 2,172,500	\$ 2,790,000	\$ 3,590,000	\$ 2,060,000	\$ 1,090,000	\$ 1,290,000	\$ 1,390,000	\$ 1,390,000	\$ -
53-10301	2730.12		<b>PUBLIC UTILITY DEFINED PROJECTS</b>											
10301		2021-1116	VARIOUS PUBLIC UTILITY DEFINED PROJECTS	5	5	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	
10301		2021-1117	CLEANOUT BOX REHABILITATION	4	5	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	

**STORMWATER CIP BUDGET**  
**Projected Budget 2023-2029**

COST CENTER	OBJECT CODE / PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	DELAYED
10301		2021-1118	STORMWATER QUALITY - RETROFITS	4	4	169,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	
10301		2021-1119	DITCH RECONSTRUCTION AND PHRAGMITE CONTROL	3	5	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	
10301		2021-1120	UNDERDRAIN AND SPRING LINE REPLACEMENTS	3	5			100,000	100,000	100,000	100,000	100,000	100,000	
						\$ 369,000	\$ 300,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ -
<b>53-10301</b>	<b>2730.12</b>		<b>RIPARIAN CORRIDOR PROJECTS</b>											
10301			VARIOUS RIPARIAN CORRIDOR PROJECTS	5	5	200,000		250,000	450,000	450,000	450,000	450,000	450,000	
10301		2022-1007	EMIGRATION CREEK - 1700 S OUTLET PROTECTION	5	5		250,000							
10301	534700012	2020-1023	RIPARIAN CORRIDOR ASSESSMENT	5	5	50,000								
						\$ 250,000	\$ 250,000	\$ 250,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ -
<b>53-10301</b>	<b>2730.12</b>		<b>LOCAL AREA PROJECTS ( * WORK BY CITY CREWS)</b>											
10301		2021-1121	VARIOUS LOCAL AREA PROJECTS	5	5	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	
10301		2021-1122	AVENUE CROSSWALKS / SID STREETS - DIPSTONE REPLACEMENT	3	4	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	
10301		2021-1123	AVENUE CROSSWALKS AND ADA RAMPS	3	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	
10301		2021-1124	CONTRIBUTIONS BY DEVELOPERS	3	0	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	
						\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ -
<b>53-10301</b>	<b>2730.12</b>		<b>MASTER PLAN PROJECTS</b>											
10301			VARIOUS MASTER PLAN PROJECTS	5	5			400,000	400,000	2,500,000	2,500,000	2,500,000	2,500,000	
						\$ -	\$ -	\$ 400,000	\$ 400,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ -
<b>53-10301</b>	<b>2730.20</b>		<b>LANDSCAPING</b>											
10301		2021-1125	VARIOUS LANDSCAPING PROJECTS	5	5	50,000	50,000	50,000	50,000	50,000	150,000	150,000	150,000	
10301	53470934		NORTHWEST OIL DRAIN	5	5		50,000							
						\$ 50,000	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ -
			<b>TOTAL CAPITAL IMPROVEMENTS</b>			\$ 8,462,500	\$ 5,725,000	\$ 7,105,000	\$ 11,160,000	\$ 7,390,000	\$ 6,040,000	\$ 6,240,000	\$ 6,240,000	\$ 1,480,000

**STORMWATER UTILITY CAPITAL PURCHASES**  
**Projected Budget 2022-23**

<u>Cost Center</u>	<u>Object Code</u>	<u>Asset Description</u>	<u>Budget Year 2022-23</u>
	<b><u>275010</u></b>	<b><u>MOTIVE REPLACEMENT AUTOS &amp; TRUCKS</u></b>	<b><u>Amount</u></b>
5310201		Freightliner - new 3rd dump truck	175,000.00
5310201		International - new haul existing lowboy trailer; driver tests	110,000.00
5310201		Vactor - replacement of 2009 unit	560,000.00
5310201		Ford 350 extended cab with winch - replacement of 2005 unit	45,000.00
			<b>\$ 890,000.00</b>
	<b><u>275030</u></b>	<b><u>FIELD MAINTENACE EQUIPMENT</u></b>	<b><u>Amount</u></b>
5310201		CAT Backhoe replacement program	9,000.00
5310201		John Deere 190 GW wheeled excavator - new	235,000.00
5310201		Gorman Rupp 4" pump - new trailer mounted	55,000.00
5310201		Gorman Rupp 6" pump - new trailer mounted	55,000.00
5310201		Ventura Lachlan - new mower attachment	35,000.00
5310201		Rom Ecofit cleaning machine - new - for use in small areas	67,000.00
			<b>\$ 456,000.00</b>
	<b><u>276090</u></b>	<b><u>OTHER NON-MOTIVE EQUIPMENT</u></b>	
5310201		Verisight Pro Push Camera System - add to new camera truck and crew	10,000.00
5310201		Toro CM958H-S concrete mixer - new	6,000.00
5310201		Multiquip MC84SH8 concrete mixer - new	6,000.00
5310201		Cirsafulli Pump parts	10,000.00
5310201		Sonetics Apex 3 Series APX377 headphones - safety vactor/drag machine ops	29,000.00
5310901		Survey equipment - data collector and antenna - new	70,000.00
			<b>\$ 131,000.00</b>
	<b><u>276050</u></b>	<b><u>OFFICE FURNITURE AND EQUIPMENT</u></b>	
5310501		Replacement - Radio System	160,000.00
			<b>\$ 160,000.00</b>
		<b>Total</b>	<b>\$ 1,637,000.00</b>

**Street Lighting Utility- Budget Summary and Cash Flow**

**STREET LIGHTING UTILITY BUDGET SUMMARY  
FY 2023-2025**

SOURCES	ACTUAL 2020-21	COUNCIL ADOPTED 2021-22	AMENDED BUDGET 2021-22	PROJECTED ACTUAL 2021-22	PROPOSED BUDGET 2022-23	Rate Increase	Rate Increase
						10%	10%
						FORECAST BUDGET 2023-24	FORECAST BUDGET 2024-25
<b>REVENUE &amp; OTHER SOURCES</b>							
<b>REVENUES</b>							
STREET LIGHTING FEES	\$ 4,350,116	\$ 4,097,569	\$ 4,097,569	\$ 4,097,569	\$ 4,174,622	\$ 4,592,084	\$ 5,051,292
INTEREST INCOME	38,047	40,500	40,500	24,407	22,500	40,500	40,500
OTHER REVENUES	200	4,859	4,859	100	100	4,859	4,859
<b>TOTAL REVENUES</b>	<b>\$ 4,388,363</b>	<b>\$ 4,142,928</b>	<b>\$ 4,142,928</b>	<b>\$ 4,122,076</b>	<b>\$ 4,197,222</b>	<b>\$ 4,637,443</b>	<b>\$ 5,096,651</b>
<b>OTHER SOURCES</b>							
GRANTS & OTHER RELATED REVENUES	\$ -	\$ 27,841	\$ 27,841	\$ -	\$ 25,000	\$ 25,000	\$ 25,000
TRANSFERS FROM GENERAL FUND	1,500	20,000	20,000	20,000	80,000	20,000	20,000
IMPACT FEES	-	-	-	-	-	-	-
BOND PROCEEDS	-	-	-	-	-	-	-
<b>TOTAL OTHER SOURCES</b>	<b>\$ 1,500</b>	<b>\$ 47,841</b>	<b>\$ 47,841</b>	<b>\$ 20,000</b>	<b>\$ 105,000</b>	<b>\$ 45,000</b>	<b>\$ 45,000</b>
<b>TOTAL REVENUE &amp; SOURCES</b>	<b>\$ 4,389,863</b>	<b>\$ 4,190,769</b>	<b>\$ 4,190,769</b>	<b>\$ 4,142,076</b>	<b>\$ 4,302,222</b>	<b>\$ 4,682,443</b>	<b>\$ 5,141,651</b>
<b>EXPENSES &amp; OTHER USES</b>							
<b>EXPENDITURES</b>							
PERSONNEL SERVICES	\$ 269,442	357,390	\$ 364,488	\$ 364,488	\$ 392,792	\$ 398,020	\$ 413,940
OPERATING & MAINTENANCE	39	\$ 6,994	6,994	6,994	6,994	7,134	7,280
TRAVEL & TRAINING	215	3,000	3,000	3,000	3,000	3,060	3,122
UTILITIES	688,016	1,011,500	1,011,500	1,011,500	912,000	930,240	948,846
TECHNICAL SERVICES	2,279,332	1,827,704	1,785,706	1,785,706	1,933,500	1,972,170	2,011,614
IMS SERVICES	-	3,040	3,040	3,040	3,040	3,101	3,164
FLEET MAINTENANCE	-	-	-	-	-	-	-
ADMINISTRATIVE SERVICE FEE	27,055	48,000	48,000	48,000	52,260	53,306	54,373
PAYMENT IN LIEU OF TAXES	74,170	-	42,469	42,469	17,706	18,061	18,423
RISK MANAGEMENT	-	1,000	1,000	1,000	1,000	1,020	1,041
TRANSFERS TO GENERAL FUND	-	-	-	-	-	-	-
OTHER CHARGES AND SERVICES	2,354	7,498	7,498	7,498	1,948	1,987	2,029
<b>TOTAL EXPENDITURES</b>	<b>\$ 3,340,623</b>	<b>\$ 3,266,126</b>	<b>\$ 3,273,695</b>	<b>\$ 3,273,695</b>	<b>\$ 3,324,240</b>	<b>\$ 3,388,099</b>	<b>\$ 3,463,832</b>
<b>OTHER USES</b>							
CAPITAL OUTLAY	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -
CAPITAL IMPROVEMENT BUDGET	664,572	2,240,000	2,256,415	2,256,415	2,240,000	2,240,000	2,240,000
DEBT SERVICES	172,104	193,537	193,537	193,537	193,585	193,562	193,528
<b>TOTAL OTHER USES</b>	<b>\$ 836,676</b>	<b>\$ 2,433,537</b>	<b>\$ 2,449,952</b>	<b>\$ 2,449,952</b>	<b>\$ 2,433,585</b>	<b>\$ 2,433,562</b>	<b>\$ 2,433,528</b>
<b>TOTAL EXPENSE &amp; OTHER USES</b>	<b>\$ 4,177,299</b>	<b>\$ 5,699,663</b>	<b>\$ 5,723,647</b>	<b>\$ 5,723,647</b>	<b>\$ 5,757,825</b>	<b>\$ 5,821,661</b>	<b>\$ 5,897,360</b>
<b>EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES</b>							
	\$ 212,564	\$ (1,508,894)	\$ (1,532,878)	\$ (1,581,571)	\$ (1,455,603)	\$ (1,139,218)	\$ (755,709)
<b>OPERATING CASH BALANCES</b>							
BEGINNING JULY 1	\$ 6,050,463	\$ 6,263,027	\$ 6,263,027	\$ 6,263,027	\$ 4,681,456	\$ 3,225,853	\$ 2,086,635
RESTRICTED / DESIGNATED		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
AVAILABLE JUNE 30	\$ 6,263,027	\$ 4,754,133	\$ 4,730,149	\$ 4,681,456	\$ 3,225,853	\$ 2,086,635	\$ 1,330,926
CASH RESERVE RATIO	187%	146%	144%	143%	97%	62%	38%
Cash reserve goal above 14%							

**STREET LIGHTING UTILITY CASH FLOW**  
**FY 2023 BUDGET / FY 2024-2027 FORECAST**

	ACTUAL YEAR 2020-2021	PROJECTED YEAR 2021-2022	BUDGET YEAR 2022-2023	BUDGET YEAR 2023-2024	BUDGET YEAR 2024-2025	BUDGET YEAR 2025-2026	BUDGET YEAR 2026-2027
<b>REVENUE</b>							
STREET LIGHTING SALES	\$ 4,350,116	\$ 4,097,569	\$ 4,174,622	\$ 4,592,084	\$ 5,051,292	\$ 5,556,421	\$ 6,112,063
OTHER INCOME	1,700	100	100	4,859	4,859	4,859	6,659
INTEREST INCOME	38,047	24,407	22,500	40,500	40,500	40,500	9,000
OPERATING INCOME	\$ 4,389,863	\$ 4,122,076	\$ 4,197,222	\$ 4,637,443	\$ 5,096,651	\$ 5,601,780	\$ 6,127,722
<b>OPERATING EXPENSES</b>							
OPERATING EXPENSES	\$ (3,340,623)	\$ (3,273,695)	\$ (3,324,240)	\$ (3,388,099)	\$ (3,463,832)	\$ (3,541,399)	\$ (3,620,848)
<b>NET INCOME EXCLUDING DEP.</b>	\$ 1,049,240	\$ 848,381	\$ 872,982	\$ 1,249,344	\$ 1,632,819	\$ 2,060,381	\$ 2,506,874
<b>OTHER INCOME &amp; EXPENSE</b>							
BOND PROCEEDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OTHER CONTRIBUTIONS	-	20,000	105,000	45,000	45,000	45,000	45,000
CAPITAL OUTLAY	-	-	-	-	-	-	-
DEBT SERVICE	(172,104)	(193,537)	(193,585)	(193,562)	(193,528)	(193,503)	(193,443)
<b>OTHER INCOME &amp; EXPENSE</b>	\$ (172,104)	\$ (173,537)	\$ (88,585)	\$ (148,562)	\$ (148,528)	\$ (148,503)	\$ (148,443)
<b>CAPITAL GENERATION</b>							
GENERATED FOR CAPITAL	\$ 877,136	\$ 674,844	\$ 784,397	\$ 1,100,782	\$ 1,484,291	\$ 1,911,878	\$ 2,358,431
<b>CAPITAL IMPROVEMENTS</b>							
CAPITAL IMPROVEMENTS	\$ (664,572)	\$ (2,256,415)	\$ (2,240,000)	\$ (2,240,000)	\$ (2,240,000)	\$ (2,240,000)	\$ (2,240,000)
<b>OPERATING CASH BALANCES</b>							
BEGINING CASH BALANCE	\$ 6,050,463	\$ 6,263,027	\$ 4,681,456	\$ 3,225,853	\$ 2,086,635	\$ 1,330,926	\$ 1,002,804
CASH INCREASE/(DECREASE)	212,564	(1,581,571)	(1,455,603)	(1,139,218)	(755,709)	(328,122)	118,431
RESTRICTED/DESIGNATED	-	-	-	-	-	-	-
<b>ENDING BALANCE</b>	\$ 6,263,027	\$ 4,681,456	\$ 3,225,853	\$ 2,086,635	\$ 1,330,926	\$ 1,002,804	\$ 1,121,235
<b>Cash Reserve Ratio</b>	187%	143%	97%	62%	38%	28%	31%
<b>Debt Service Coverage</b>	6.10	4.38	4.51	6.45	8.44	10.65	12.96
<b>RATE CHANGE</b>	0%	0%	0%	10%	10%	10%	10%
<b>DEBT SERVICE % OF GROSS OP. REV.</b>	3.9%	4.7%	4.6%	4.2%	3.8%	3.5%	3.2%
<b>RESIDENTIAL BILL OF 1 ERU (or 75 ft)</b>	3.73	3.73	3.73	4.10	4.51	4.96	5.46

**STREET LIGHTING UTILITY CIP BUDGET**  
**Five Year Projected Budget 2023-2027**

COST CENTER	PROJECT NUMBER	PROJECT DESCRIPTION	PROGRAM MANAGER PROJECTED ESTIMATE BUDGET YEAR 2021-2022	PAST BUDGET YEAR 2021-2022	BUDGET YEAR 2022-23	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029	DELAYED
48-48001	2730.80	<b>Base Level Projects</b>		\$ 2,000,000	\$ 1,900,000	\$ 1,900,000	\$ 1,900,000	\$ 1,900,000	\$ 1,900,000	\$ 1,900,000		
		<b>Lighting Controls</b>			\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000		
		<b>Master Plan Projects</b>			\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000		
		<b>New SLCDPU Campus</b>										
48-48101	2730.80	<b>TIER 1 Projects</b>		\$ 20,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000		
48-48201	2730.80	<b>TIER 2 Projects</b>		\$ 20,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000		
48-48301	2730.80	<b>TIER 3 Projects</b>		\$ 200,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000		
		<b>NUMBER OF PROJECTS</b>	<b>xx</b>	<b>8</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>		
		<b>TOTAL CAPITAL IMPROVEMENTS</b>	<b>\$ -</b>	<b>\$ 2,240,000</b>	<b>\$ 2,240,000</b>	<b>\$ 2,240,000</b>	<b>\$ 2,240,000</b>	<b>\$ 2,240,000</b>	<b>\$ 2,240,000</b>	<b>\$ 2,240,000</b>	<b>\$ -</b>	<b>\$ -</b>

**APPENDIX A: Rate Change Comparisons and Customer Impacts**



**Water Rate Change Comparisons**

**Comparison of Monthly Water Base Rate Options  
for City Customers**

Meter Size (inches)	2022 Current Rate	2023 Proposed Rate	Current to Proposed	
			\$	%
3/4	10.03	11.54	1.51	15.05%
1	13.12	15.09	1.97	15.02%
1 1/2	20.84	23.97	3.13	15.02%
2	30.12	34.64	4.52	15.01%
3	54.83	63.06	8.23	15.01%
4	82.62	95.02	12.40	15.01%
6	159.88	183.87	23.99	15.01%
8	252.56	290.45	37.89	15.00%
10	654.23	752.37	98.14	15.00%

**Comparison of Monthly Water Base Rate Options  
for County Customers**

Meter Size (inches)	2022 Current Rate	2023 Proposed Rate	Current to Proposed	
			\$	%
3/4	13.54	15.58	2.04	15.07%
1	17.71	20.37	2.66	15.02%
1 1/2	28.13	32.36	4.23	15.04%
2	40.66	46.76	6.10	15.00%
3	74.02	85.13	11.11	15.01%
4	111.54	128.28	16.74	15.01%
6	215.84	248.22	32.38	15.00%
8	340.96	392.11	51.15	15.00%
10	883.21	1,015.70	132.49	15.00%

**Comparison of Water Monthly Usage Rate Options  
for City Residential Customers**

Flat Rate or Block	2022 Current Rate per ccf	2023 Proposed Rate per ccf	Current to Proposed	
			\$	%
<b>Winter Rate Structure (November - March)</b>				
Flat Rate	1.48	1.71	0.23	15.54%
<b>Summer Rate Structure (April - October)</b>				
Block 1	1.48	1.71	0.23	15.54%
Block 2	2.02	2.33	0.31	15.35%
Block 3	2.80	3.22	0.42	15.00%
Block 4	2.99	3.44	0.45	15.05%

**Comparison of Water Monthly Usage Rate Options  
for County Residential Customers**

Flat Rate or Block	2022 Current Rate per ccf	2023 Proposed Rate per ccf	Current to Proposed	
			\$	%
<b>Winter Rate Structure (November - March)</b>				
Flat Rate	2.00	2.31	0.31	15.50%
<b>Summer Rate Structure (April - October)</b>				
Block 1	2.00	2.31	0.31	15.50%
Block 2	2.73	3.15	0.42	15.38%
Block 3	3.78	4.35	0.57	15.08%
Block 4	4.04	4.64	0.60	14.85%

**Rate Structure**

Block	Current
Flat Rate	All Usage
Block 1	1 - 10 ccf
Block 2	11 - 30 ccf
Block 3	31 - 60 ccf
Block 4	>61 ccf

**Comparison of Monthly Usage Rate Options  
for City CII Customers**

Flat Rate or Block	2022 Current Rate per ccf	2023 Proposed Rate per ccf	Current to Proposed	
			\$	%
<b>Winter Rate Structure (November - March)</b>				
Flat Rate	1.61	1.86	0.25	15.5%
<b>Summer Rate Structure (April - October)</b>				
Block 1	1.61	1.86	0.25	15.5%
Block 2	2.21	2.55	0.34	15.4%
Block 3	3.07	3.54	0.47	15.3%
Block 4	3.26	3.75	0.49	15.0%

**Comparison of Monthly Usage Rate Options  
for County CII Customers**

Flat Rate or Block	2022 Current Rate per ccf	2023 Proposed Rate per ccf	Current to Proposed	
			\$	%
<b>Winter Rate Structure (November - March)</b>				
Flat Rate	2.17	2.51	0.34	15.7%
<b>Summer Rate Structure (April - October)</b>				
Block 1	2.17	2.51	0.34	15.7%
Block 2	2.98	3.44	0.46	15.5%
Block 3	4.14	4.78	0.64	15.4%
Block 4	4.40	5.06	0.66	15.1%

**Rate Structure**

Block	Current
Flat Rate	All Usage
Block 1	0-AWC
Block 2	AWC-300%
Block 3	300%-600%
Block 4	>600%

\*CII= Commercial, Industrial, and Institutional

\*AWC = Average Winter Consumption.

“AWC-300%” means usage greater than a customer’s AWC and less than or equal to 300% of the customer’s AWC

**Comparison of Water Monthly Usage Rate Options  
for City Irrigation Customers**

Flat Rate or Block	2022 Current Rate per ccf	2023 Proposed Rate per ccf	Current to Proposed	
			\$	%
<b>Winter Rate Structure (November - March)</b>				
Flat Rate	1.94	2.23	0.29	15.00%
<b>Summer Rate Structure (April - October)</b>				
Block 1	1.94	2.23	0.29	15.00%
Block 2	2.70	3.11	0.41	15.19%
Block 3	2.87	3.30	0.43	14.98%

**Comparison of Water Monthly Usage Rate Options  
for County Irrigation Customers**

Flat Rate or Block	2022 Current Rate per ccf	2023 Proposed Rate per ccf	Current to Proposed	
			\$	%
<b>Winter Rate Structure (November - March)</b>				
Flat Rate	2.62	3.01	0.39	14.96%
<b>Summer Rate Structure (April - October)</b>				
Block 1	2.62	3.01	0.39	14.96%
Block 2	3.65	4.20	0.55	15.07%
Block 3	3.87	4.46	0.59	15.25%

**Rate Structure**

Block	Current
Flat Rate	All Usage
Block 1	1 CCF- Target Budget
	Target Budget up to 300% of Target Budget
Block 2	Over 300% of Target Budget

\* "Target budget" means the estimated amount of water consumed per acre, as established by the Public Utilities Director or his/her designee each year for customer based on factors including, but not limited to, evapotranspiration, and considering efficient water practices. A different target budget is established for each month of the irrigation season.

**Proposed Water Rate Change Customer Impacts**

**Water Rate Change  
Annual Impact on Select City Customers**

Account Type	Annual Usage	Meter Size	2022	2023	\$ Change	% Change
			Current Rate	Proposed Rate		
Residential Minimum Use	72 ccf	3/4	226.92	261.60	34.68	15.28%
Residential Low Use	96 ccf	3/4	262.44	302.64	40.20	15.32%
Residential Medium Use	255 ccf	3/4	601.80	693.75	91.95	15.28%
Residential High Use	838 ccf	1	2,182.24	2,512.74	330.50	15.14%
Industrial Use	96,476 ccf	2	167,877.40	193,879.08	26,001.68	15.49%
Commercial Use	11,597 ccf	2	19,701.73	22,755.59	3,053.86	15.50%

**Water Rate Change  
Monthly Impact on Select City Customers**

Account Type	Monthly Usage	Meter Size	2022	2023	\$ Change	% Change
			Current Rate	Proposed Rate		
Residential Minimum Use	6 ccf	3/4	18.91	21.80	2.89	15.28%
Residential Low Use	8 ccf	3/4	21.87	25.22	3.35	15.32%
Residential Medium Use	21 ccf	3/4	50.15	57.81	7.66	15.28%
Residential High Use	70 ccf	1	181.85	209.40	27.54	15.14%
Industrial Use	8,040 ccf	2	13,989.78	16,156.59	2,166.81	15.49%
Commercial Use	966 ccf	2	1,641.81	1,896.30	254.49	15.50%

**Water Rate Change  
Annual Impact on Select County Customers**

Account Type	Annual Usage	Meter Size	2022	2023	\$ Change	% Change
			Current Rate	Proposed Rate		
Residential Minimum Use	72 ccf	3/4	306.34	353.16	46.82	15.28%
Residential Low Use	96 ccf	3/4	354.29	408.56	54.27	15.32%
Residential Medium Use	255 ccf	3/4	812.43	936.56	124.13	15.28%
Residential High Use	838 ccf	1	2,946.02	3,392.20	446.18	15.14%
Industrial Use	96,476 ccf	2	226,634.49	261,736.76	35,102.27	15.49%
Commercial Use	11,597 ccf	2	26,597.34	30,720.04	4,122.71	15.50%

**Water Rate Change  
Monthly Impact on Select County Customers**

Account Type	Monthly Usage	Meter Size	2021	2022	\$ Change	% Change
			Current Rate	Proposed Rate		
Residential Minimum Use	6 ccf	3/4	25.53	29.43	3.90	15.28%
Residential Low Use	8 ccf	3/4	29.52	34.05	4.52	15.32%
Residential Medium Use	21 ccf	3/4	67.70	78.05	10.34	15.28%
Residential High Use	70 ccf	1	245.50	282.68	37.18	15.14%
Industrial Use	8,040 ccf	2	18,886.21	21,811.40	2,925.19	15.49%
Commercial Use	966 ccf	2	2,216.44	2,560.00	343.56	15.50%

**Sewer Rate Change Comparisons**

**Comparison of Monthly Sewer Class Rate Changes**

**Flow \$ Per CCF**

Class	2022 Current Rate	2023 Proposed Rate	Current to Proposed	
			\$	%
1	3.19	3.67	0.48	15.0%
2	3.19	3.67	0.48	15.0%
3	3.19	3.67	0.48	15.0%
4	3.19	3.67	0.48	15.0%
5	3.19	3.67	0.48	15.0%
6	3.19	3.67	0.48	15.0%
7	Special Rate by Customer			

**BOD \$ Per CCF**

Class	2022 Current Rate	2023 Proposed Rate	Current to Proposed	
			\$	%
1	1.12	1.29	0.17	15.2%
2	1.83	2.10	0.27	14.8%
3	3.01	3.46	0.45	15.0%
4	4.31	4.96	0.65	15.1%
5	5.40	6.21	0.81	15.0%
6	6.66	7.66	1.00	15.0%
7	Special Rate by Customer			

**TSS \$ Per CCF**

Class	2022 Current Rate	2023 Proposed Rate	Current to Proposed	
			\$	%
1	0.82	0.94	0.12	14.6%
2	1.64	1.89	0.25	15.2%
3	2.80	3.22	0.42	15.0%
4	3.81	4.38	0.57	15.0%
5	4.96	5.71	0.75	15.1%
6	6.00	6.90	0.90	15.0%
7	Special Rate by Customer			

### Total Sewer Rate Per CCF

Class	2022 Current Rate	2023 Proposed Rate	Current to Proposed	
			\$	%
1	5.13	5.90	0.77	15.0%
2	6.66	7.66	1.00	15.0%
3	9.00	10.35	1.35	15.0%
4	11.31	13.01	1.70	15.0%
5	13.55	15.59	2.04	15.1%
6	15.85	18.23	2.38	15.0%
7	Special Rate by Customer			

### Class Structure

Block	BOD Strength mg/l	TSS Strength mg/l
1	0-300	0-300
2	300-600	300-600
3	600-900	600-900
4	900-1200	900-1200
5	1200-1500	1200-1500
6	1500-1800	1500-1800
7	>1800	>1800

\*Current Minimum charge is \$10.26. Proposed minimum charge is \$11.80



**Proposed Sewer Rate Change Customer Impacts**

**Sewer Rate Change  
Annual Impact on Select City Customers**

Account Type	Annualized Average Winter Water Usage (CCF)	2022	2023	\$ Changes	% Change
		Current Rate	Proposed Rate		
Residential Minimum Use	24 ccf	123.12	141.60	18.48	15.01%
Residential Low Use	48 ccf	246.24	283.20	36.96	15.01%
Residential Medium Use	96 ccf	492.48	566.40	73.92	15.01%
Residential High Use	180 ccf	923.40	1,062.00	138.60	15.01%
Industrial 2,4	24,168 ccf	327,476.40	376,779.12	49,302.72	15.06%
Commercial 2,1	408 ccf	6,466.80	7,437.84	971.04	15.02%

\*Industrial & Commercial charges are calculated based on flow rate, BOD and TSS

**Sewer Rate Change  
Monthly Impact on Select City Customers**

Account Type	Annualized Average Winter Water Usage (CCF)	2022	2023	\$ Changes	% Change
		Current Rate	Proposed Rate		
Residential Minimum Use	2 ccf	10.26	11.80	1.54	15.01%
Residential Low Use	4 ccf	20.52	23.60	3.08	15.01%
Residential Medium Use	8 ccf	41.04	47.20	6.16	15.01%
Residential High Use	15 ccf	76.95	88.50	11.55	15.01%
Industrial 2, 4	2,014 ccf	27,289.70	31,398.26	4,108.56	15.06%
Commercial 2,1	34 ccf	538.90	619.82	80.92	15.02%

\*Industrial & Commercial charges are calculated based on flow rate, BOD and TSS

**Stormwater Rate Change Comparisons**

**Comparison of Monthly Stormwater Rate Changes**

		2022	2023	Changes Current to Proposed	
Account Type	ERUs	Current Rate	Proposed Rate	\$	%
Single and Duplex <.25 Acre	All ERU	5.98	6.88	0.90	15.05%
Single and Duplex >.25 Acre	All ERU	8.36	9.62	1.26	15.07%
Triplex and Fourplex	All ERU	11.96	13.76	1.80	15.05%
All other Parcels	Per ERU	5.98	6.88	0.90	15.05%

\*1 ERU = 1 residential property or 75 feet of street frontage for non-residential properties

**Proposed Stormwater Rate Change Customer Impacts**

**Stormwater Rate Change  
Annual Impact on Select City Customers**

Account Type	ERUs	2022	2023	Changes Current to Proposed	
		Current Rate	Proposed Rate	\$	%
Residential less than .25 Acre	Any ERU	71.76	82.56	10.80	15.05%
Residential more than .25 Acre	Any ERU	100.32	115.44	15.12	15.07%
Industrial*	300 ERU	1,794.00	2,064.00	270.00	15.05%
Commercial	120 ERU	717.60	825.60	108.00	15.05%

**Stormwater Rate Change  
Monthly Impact on Select City Customers**

Account Type	ERUs	2022	2023	Changes Current to Proposed	
		Current Rate	Proposed Rate	\$	%
Residential less than .25 Acre	Any ERU	5.98	6.88	0.90	15.05%
Residential more than .25 Acre	Any ERU	8.36	9.62	1.26	15.07%
Industrial	25 ERU	149.50	172.00	22.50	15.05%
Commercial	10 ERU	59.80	68.80	9.00	15.05%

**SELECT CITY CUSTOMERS**  
**Combined Rate Change**  
**ANNUAL Impact on Select City Residential Customers**

				2022	2023		
Account Type	Fund	Annual Usage	Meter Size	Current Rate	Proposed Rate	\$ Change	% Change
Residential Minimum Use	Water	72 ccf	3/4	226.92	260.88	33.96	14.97%
	Sewer Class 1-1	24 ccf	Combined Fee	123.12	141.60	18.48	15.01%
	Storm	Single and Duplex <.25 Acre	Flat Fee	71.76	82.56	10.80	15.05%
	Street Lighting	Base	Flat Fee	44.76	44.76	-	0.00%
Total				466.56	529.80	63.24	13.55%
Residential Low Use	Water	96 ccf	3/4	262.44	301.68	39.24	14.95%
	Sewer Class 1-1	48 ccf	Combined Fee	246.24	283.20	36.96	0.1501
	Storm	Single and Duplex <.25 Acre	Flat Fee	71.76	82.56	10.80	15.05%
	Street Lighting	Group 1	Flat Fee	68.04	68.04	-	0.00%
Total				648.48	735.48	87.00	13.42%
Residential Medium Use	Water	255 ccf	3/4	684.96	787.20	102.24	14.93%
	Sewer Class 1-1	96 ccf	Combined Fee	492.48	566.40	73.92	15.01%
	Storm	Single and Duplex >.25 Acre	Flat Fee	100.32	115.32	15.00	14.95%
	Street Lighting	Group 2	Flat Fee	68.04	68.04	-	0.00%
Total				1,345.80	1,536.96	191.16	14.20%
Residential High Use	Water	838 ccf	1	2,186.64	2,513.86	327.22	14.96%
	Sewer Class 1-1	180 ccf	Combined Fee	923.40	1,062.00	138.60	15.01%
	Storm	Single and Duplex >.25 Acre	Flat Fee	100.32	115.32	15.00	14.95%
	Street Lighting	Group 2	Flat Fee	191.28	191.28	-	0.00%
Total				3,401.64	3,882.46	480.82	14.13%

\* Sewer is based on prior year average winter water consumption

**SELECT CITY CUSTOMERS**  
**Combined Rate Change**  
**AVERAGE MONTHLY Impact on Select City Customers**

				2022	2023		
Account Type	Fund	Monthly Usage	Meter Size	Current Rate	Proposed Rate	\$ Change	% Change
Residential Minimum Use	Water	6 ccf	3/4	18.91	21.74	2.83	14.97%
	Sewer Class 1-1	2 ccf	Combined Fee	10.26	11.80	1.58	15.01%
	Storm	Single and Duplex <.25 Acre	Flat Fee	5.98	6.88	0.55	15.05%
	Street Lighting	Base	Flat Fee	3.73	3.73	-	0.00%
Total				38.88	44.15	4.96	13.55%
Residential Low Use	Water	8 ccf	3/4	21.87	25.14	3.27	14.95%
	Sewer Class 1-1	4 ccf	Combined Fee	20.52	23.60	3.16	15.01%
	Storm	Single and Duplex <.25 Acre	Flat Fee	5.98	6.88	0.55	15.05%
	Street Lighting	Group 1	Flat Fee	5.67	5.67	-	0.00%
Total				54.04	61.29	6.98	13.42%
Residential Medium Use	Water	21 ccf	3/4	57.08	65.60	8.52	14.93%
	Sewer Class 1-1	8 ccf	Combined Fee	41.04	47.20	6.32	15.01%
	Storm	Single and Duplex >.25 Acre	Flat Fee	8.36	9.61	0.76	14.95%
	Street Lighting	Group 2	Flat Fee	5.67	5.67	-	0.00%
Total				112.15	128.08	15.60	14.20%
Residential High Use	Water	70 ccf	1	182.22	209.49	27.27	14.96%
	Sewer Class 1-1	15 ccf	Combined Fee	76.95	88.50	11.85	15.01%
	Storm	Single and Duplex >.25 Acre	Flat Fee	8.36	9.61	0.76	14.95%
	Street Lighting	Group 2	Flat Fee	15.94	15.94	-	0.00%
Total				283.47	323.54	39.88	14.13%

\* Sewer is based on prior year average winter water consumption

**APPENDIX B: Supplemental Information**

# Water Rates Compared With Nearby States

RANKING	<b>Comparison of Recognizable Cities in Western States</b> City, State	<b>AVERAGE MONTHLY CHARGES</b>
1	FLAGSTAFF, ARIZONA	\$132.66
2	CHEYENNE, WYOMING	\$74.18
3	BOISE, IDAHO	\$74.03
4	DENVER, COLORADO	\$60.25
5	HENDERSEN, NEVADA	\$57.22
6	PHOENIX, ARIZONA	\$55.37
7	RENO, NEVEDA	\$52.42
8	LAS VEGAS, NEVADA	\$46.99
	SALT LAKE CITY, UTAH (Proposed) 15%	\$46.32
9	SALT LAKE CITY, UTAH (Current)	\$40.16

Cities compared with 7,480 gallons per month and 24,000 gallons summer usage  
 Based on eight months Winter and four months Summer usage

# SEWER RATES COMPARED WITH NEARBY STATES

RANKING	COMPARISON OF RECOGNIZABLE CITIES IN WESTERN STATES CITY, STATE	AVERAGE MONTHLY CHARGES
1	RENO, NV	\$50.26
2	SALT LAKE CITY (PROPOSED)	47.21
3	BOISE, ID **	46.72
4	SALT LAKE CITY (CURRENT)	41.05
5	PLEASANT GROVE	40.43
6	CHEYENNE, WY **	32.37
11	LAS VEGAS, NV ***	21.50
7	FLAGSTAFF, AZ	32.01
9	HENDERSON, NV	26.30
10	PHOENIX, AZ	25.18
11	LAS VEGAS, NV ***	21.50

\* ANNUAL COST BASED ON 12 MONTHS @ 5,984 GALLONS PER MONTH AVERAGE WINTER WATER CONSUMPTION.

\*\* INCLUDES MONTHLY BASE RATE

\*\*\* \$4.66 MONTHLY BASE FEE, \$16.84/0-5000 GALLONS, \$16.00/5,000+ GALLONS



# SEWER RATES COMPARED WITH LOCAL CITIES

RANKING	CITY OR DISTRICT	RATE MONTHLY	RATE PER 1,000 GALS	ANNUAL FEES SEWER *
1	CITY OF SOUTH SALT LAKE	0.00	9.00	\$646.27
2	MURRAY CITY	9.73	6.86	609.36
3	SALT LAKE CITY, UT (PROPOSED)	0.00	7.89	566.57
4	SALT LAKE CITY, UT (CURRENT)	0.00	6.86	492.60
5	WEST JORDAN CITY	22.00	2.05	411.21
6	ODGEN CITY	32.78	0.00	393.36
7	KEARNS IMPROVEMENT DISTRICT	25.59	1.20	393.25
8	MAGNA CITY ****	29.81	0.00	357.72
9	SOUTH VALLEY SEWER DISTRICT	25.00	0.00	300.00
10	MIDVALLEY IMPROVEMENT DISTRICT	24.50	0.00	294.00
11	GRANGER - HUNTER IMPROVEMENT DISTRICT	15.50	1.50	293.71
12	MT OLYMPUS IMPROVEMENT DISTRICT	22.00	0.00	264.00
13	COTTONWOOD IMPROVEMENT DISTRICT	20.00	0.00	240.00
14	SOUTH DAVIS SEWER DISTRICT	19.00	0.00	228.00
15	TAYLORSVILLE - BENNION IMPROVEMENT DISTRICT	11.15	0.00	133.80

\* ANNUAL COST BASED ON 12 MONTHS @ 5,984 GALLONS PER MONTH AVERAGE WINTER WATER CONSUMPTION.

\*\* INCLUDES MONTHLY BASE RATE

\*\*\* \$4.66 MONTHLY BASE FEE, \$16.84/0-5000 GALLONS, \$16.00/5,000+ GALLONS

\*\*\*\* \$29.81 MONTHLY MIN, INCLUDES - 0 to 8,009 AVERAGE GALLONS

# STORMWATER RATES CCOMPARED WITH LOCAL CITIES

RANKING	CITY NAME	CURRENT RATE
1	PLEASANT GROVE	\$14.41
2	PROVO	10.75
3	DRAPER CITY	9.00
4	OGDEN CITY	8.47
5	TAYLORSVILLE CITY *	7.60
6	OREM	7.35
7	SOUTH JORDAN CITY	7.15
8	BOUNTIFUL CITY	7.00
9	MURRAY CITY	6.30
10	SALT LAKE CITY (PROPOSED)	6.24
11	WEST JORDAN CITY	6.04
12	AMERICAN FORK	6.00
13	SANDY CITY	6.00
14	SALT LAKE CITY (CURRENT)	5.43

# Public Utilities Department

## Local Area Water Rate Comparison - February 2022

### (Highest to Lowest Ranking)

RANKING	CITY OR DISTRICT NAME	MONTHLY MINIMUM CHARGE	MINIMUM ALLOWANCE IN GALLONS	RATE OVER MINIMUM ALLOWANCE	PER GALLONS	MONTHLY FLOURIDE CHARGE	WINTER @ 7,480 GAL PER MONTH	SUMMER @ 23,936 GAL PER MONTH	TOTAL WINTER CHARGES*	TOTAL SUMMER CHARGES*	YEARLY TAX ON \$200,000 PROPERTY	TOTAL CHARGES
1	PARK CITY - GRADUATED RATES (1)	53.63	0	6.68 - 11.27	1,000		113.59	294.84	908.73	1179.35		2088.08
2	SALT LAKE CITY - OUTSIDE OF CITY (Proposed)	15.57	0	2.30 - 4.35	748		38.58	110.08	308.64	440.32		748.96
3	PLEASANT GROVE - GRADUATED RATES (6)	24.32	5,000	2.95 - 6.26	1,000		31.64	116.51	253.09	466.04		719.13
4	AMERICAN FORK - GRADUATED RATES (2)	16.17	3,000	3.52 - 4.96	1,000		33.01	113.53	264.04	454.13		718.17
5	DRAPER CITY - GRADUATED RATES (3)	20.25	0	2.05 - 3.71	1,000		39.08	97.00	312.65	388.01		700.66
6	SOUTH JORDAN CITY - GRADUATED RATES (4)	30.00	0	2.00 - 2.50	1,000		45.33	84.09	362.64	336.36		699.00
7	WEST JORDAN CITY (11)	20.00	0	2.25 - 3.85	1,000		37.50	98.35	300.02	393.41		693.43
8	SALT LAKE CITY - OUTSIDE OF CITY	13.54	0	2.00 - 3.78	748		33.54	95.70	268.32	382.80		651.12
9	RIVERTON CITY - GRADUATED RATES (5)	3.50	0	3.76 - 3.91	1,000		32.00	96.34	255.97	385.36		641.33
10	MAGNA - GRADUATED RATES (10)	18.10	6,000	2.08 - 2.65	1,000	1.02	22.20	57.91	177.59	231.64	207.29	616.52
11	KEARNS IMPROVEMENT DIST-GRADUATED RATES (9)	12.08	0	2.42 - 3.04	1,000		30.18	78.65	241.45	314.58	45.23	601.27
12	SANDY CITY - OUTSIDE OF CITY (8)	19.95	0	1.80 - 2.75	1,000		34.82	80.07	278.56	320.30		598.86
13	OGDEN CITY - GRADUATED RATES (7)	16.02	0	1.81 - 7.24	1,000		31.04	86.72	248.31	346.87		595.18
14	SALT LAKE CITY - INSIDE OF CITY (Proposed)	11.53	0	1.71 - 3.22	748		28.55	81.68	229.12	326.72	31.79	587.63
15	SANDY CITY - INSIDE OF CITY (12)	14.43	0	1.64 - 2.53	1,000		28.01	69.65	224.12	278.59	32.67	535.38
16	SALT LAKE CITY - INSIDE OF CITY (13)	10.03	0	1.48 - 2.80	748		24.83	70.83	198.64	283.32	31.79	513.75
17	GRANGER - HUNTER IMPROVEMENT DISTRICT (14)	13.00	0	1.77 - 2.20	1,000		26.30	60.25	210.42	241.00	24.75	476.16
18	BOUNTIFUL CITY - RESIDENTIAL HIGH ELEVATION	23.57	5,000	1.98	1,000		28.48	61.06	227.84	244.25		472.10
19	CITY OF SOUTH SALT LAKE	21.00	5,000	2.25	1,000		26.58	63.61	212.64	254.42		467.06
20	PROVO	18.59	0	1.01 - 1.67	1,000		26.14	58.56	209.16	234.25		443.41
21	MURRAY CITY - GRADUATED RATES (16)	12.51	0	1.19 - 1.75	748		24.91	58.76	199.28	235.04		434.32
22	BOUNTIFUL CITY - RESIDENTIAL LOW ELEVATION	21.39	5,000	1.79	1,000		25.83	55.29	206.63	221.14		427.78
23	OREM - GRADUATED RATES (17)	20.20	0	0.83 - 1.46	1,000		26.41	48.22	211.27	192.87		404.13
24	TAYLORSVILLE/BENNION IMPROVEMENT DISTRICT (15)	9.00	0	1.43 - 1.87	1,000		20.35	51.12	162.78	204.48	6.16	373.42
25	JVWCD (18)	3.00	0	1.51 - 3.36	1,000		14.29	52.77	114.36	211.10	40.26	365.72

# Public Utilities Department

## Local Area Water Rate Comparison - February 2022

### Continued

(Highest to Lowest Ranking)

#### CALCULATION OF COMPARISONS

*\* BASED ON EIGHT MONTHS WINTER AND FOUR MONTHS SUMMER*

*(1) RATES ARE \$6.68/THOUSAND FOR 0-5,000 GALLONS, \$10.71/THOUSAND FOR 5,001-15,000 GALLONS, & \$11.27/THOUSAND FOR 15,001-25,000 GALLONS*

*(2) RATES ARE \$16.17 FOR 0-3,000 GALLONS, \$3.52/THOUSAND FOR 3,001-6,000 GALLONS, \$4.24/THOUSAND FOR 6,000-9,000 GAL & \$4.96/THOUSAND OVER 9,000 GALLONS*

*(3) RATES ARE \$2.05/THOUSAND FOR 0-5,000 GALLONS, \$3.46/THOUSAND FOR 5,001-20,000 GALLONS, & \$3.71/THOUSAND FOR 20,001-50,000 GALLONS*

*(4) RATES ARE \$2.00/THOUSAND FOR 0-6,000 GALLONS, \$2.25/THOUSAND FOR 6,001-17,000 GALLONS & \$2.50/THOUSAND FOR 17,001 - 42,000 GALLONS*

*(5) RATES ARE \$3.76 FOR 0-5,000 GALLONS & \$3.91/THOUSAND OVER 5,000 GALLONS*

*(6) RATES ARE \$24.32 FOR 0-5,000 GALLONS, \$2.95/THOUSAND FOR 5,001-10,000 GALLONS, \$4.30/THOUSAND FOR 10,001-15,000 GALLONS & \$6.26/THOUSAND OVER 15,000 GALLONS*

*(7) RATES ARE \$1.81/THOUSAND FOR 0-6,000 GALLONS, 2.81/THOUSAND FOR 6,001-12,000 GALLONS & \$7.24/THOUSAND FOR 12,001-36,000 GALLONS*

*(8) RATES ARE \$1.80/THOUSAND FOR 0-6,000 GALLONS & \$2.75/THOUSAND FOR 6,001-40,000 GALLONS*

*(9) RATES ARE \$2.42/THOUSAND FOR 0-10,000 GALLONS & \$3.04/THOUSAND FOR 10,001-25,000 GALLONS*

*(10) RATES ARE \$2.08/THOUSAND FOR 0-6,000 GALLONS, \$2.33/THOUSAND FOR 6,001-18,000 GALLONS, & \$2.65/THOUSAND FOR 18,000 - 35,000 GALLONS*

*(11) RATES ARE \$2.25/THOUSAND FOR 0-5,000 GALLONS, \$3.65/THOUSAND FOR 5,001-20,000 GALLONS, & \$3.85/THOUSAND FOR 20,001-50,000 GALLONS*

*(12) RATES ARE \$1.64 FOR 0-6,000 GALLONS, \$2.53/THOUSAND FOR 6,001-40,000 GALLONS*

*(13) INCLUDES METROPOLITAN WATER PROPERTY TAX*

*(14) RATES ARE \$1.77/THOUSAND FOR 0-7,000 GALLONS, \$1.90/THOUSAND FOR 7,001-15,000 GALLONS & \$2.20/THOUSAND FOR OVER 15,000 GALLONS*

*(15) RATES ARE \$1.43/THOUSAND FOR 0-6,000 GALLONS & \$1.87/THOUSAND FOR 6,001-25,000 GALLONS*

*(16) RATES ARE \$1.19/HUNDRED FOR 0-8 HCF, \$1.44/HUNDRED FOR 9-25 HCF & \$1.75/HUNDRED FOR 26-49 HCF*

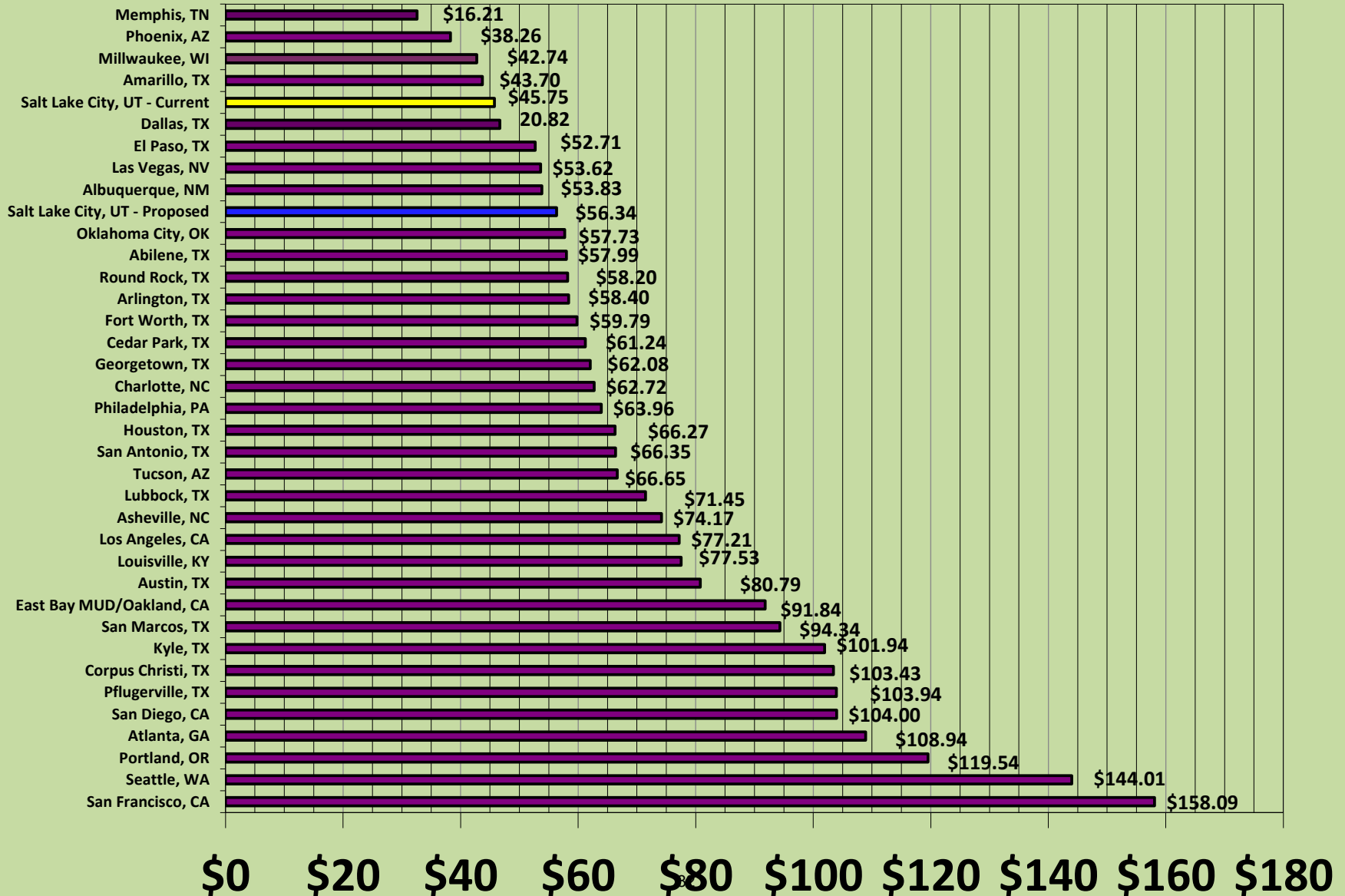
*(17) RATES ARE \$.83/THOUSAND FOR 0-11,000 GALLONS, \$1.46/THOUSAND FOR 11,001-34,000 GALLONS*

*(18) RATES ARE \$1.51/THOUSAND FOR 0-9,000 GALLONS, \$2.36/THOUSAND FOR 9,001-23,000 GALLONS, & \$3.36/THOUSAND FOR 23,001-53,000 GALLONS*

# AVERAGE MONTHLY BILL COMPARISON-COMBINED

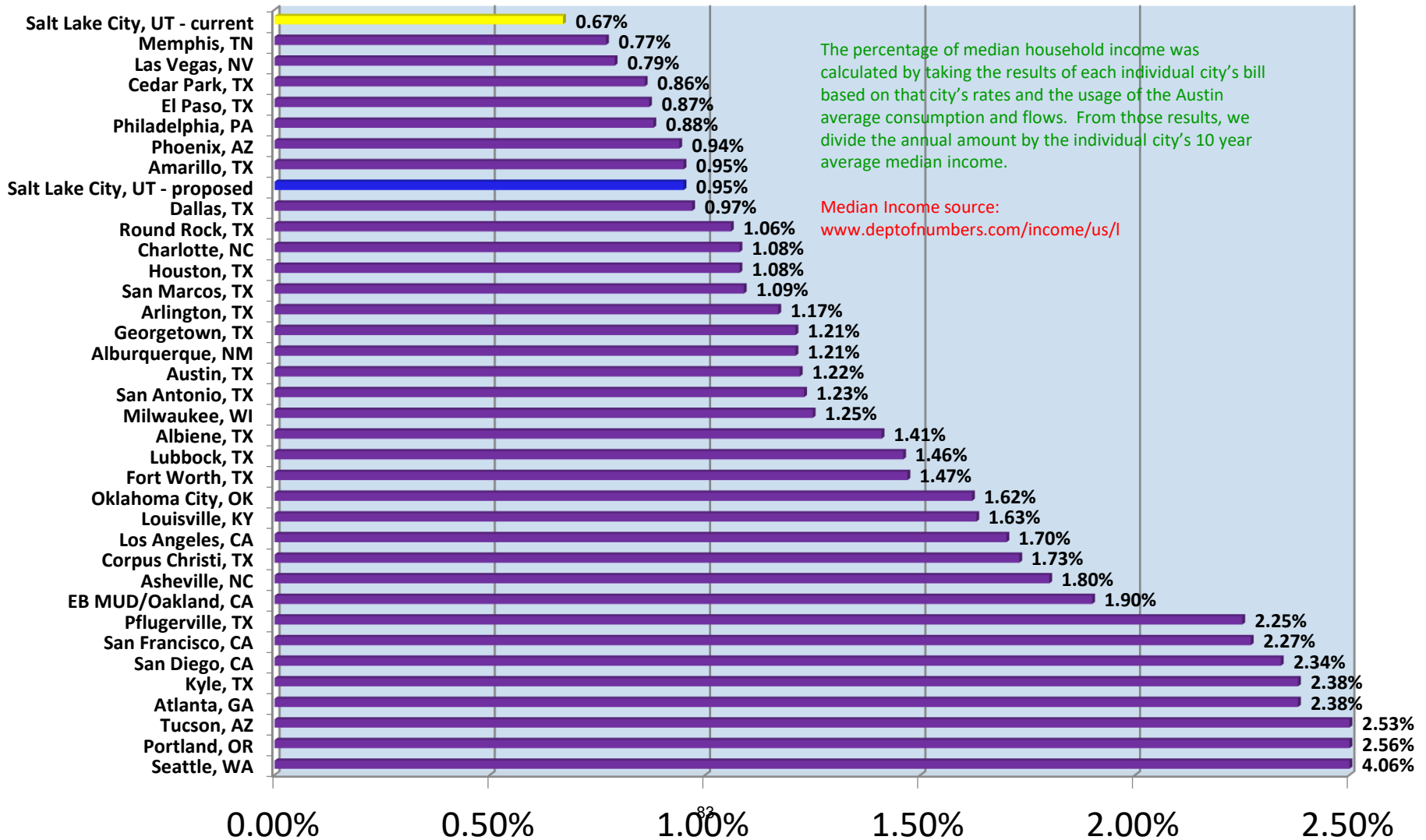
## RESIDENTIAL CLASS

SLC Rates Current – Other City Rates as of March 2021 (5,800 gallons Consumption and 4,000 Flows)

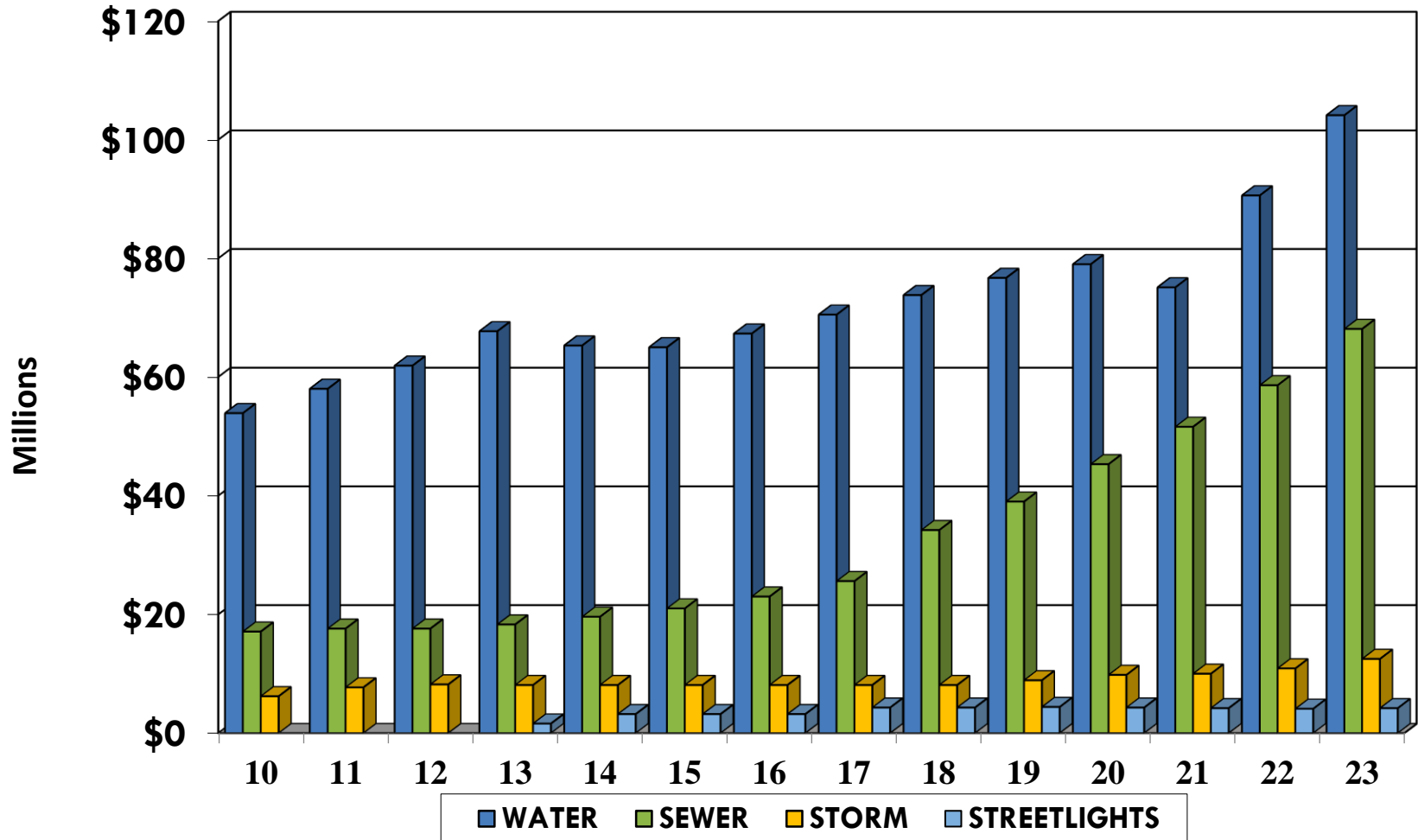


# Residential Water & Wastewater Bill Percent of Median Household Income

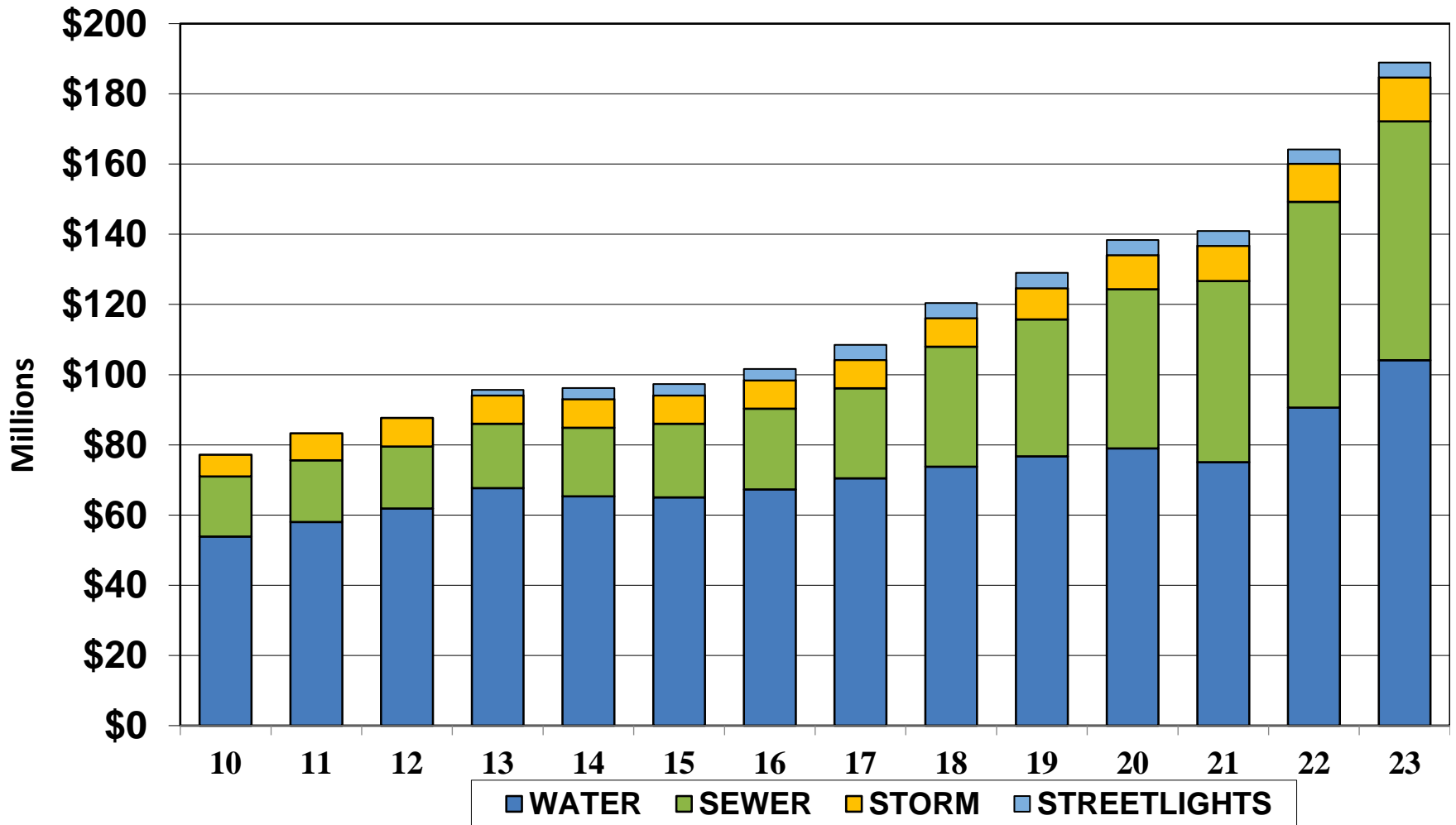
(Austin Average Consumption & Flows as of March 2021 )



# PUBLIC UTILITIES OPERATING REVENUE

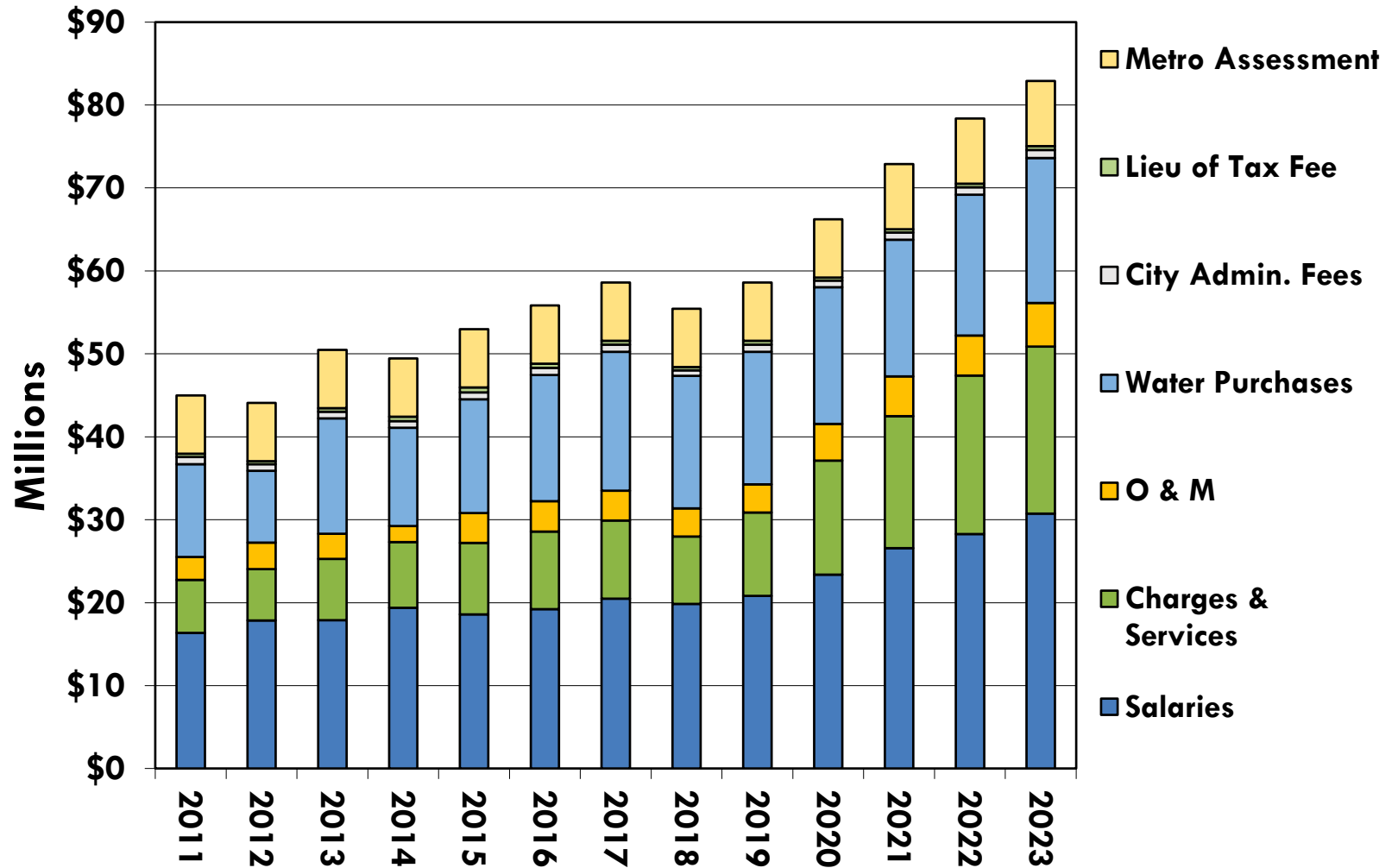


# PUBLIC UTILITIES OPERATING REVENUE

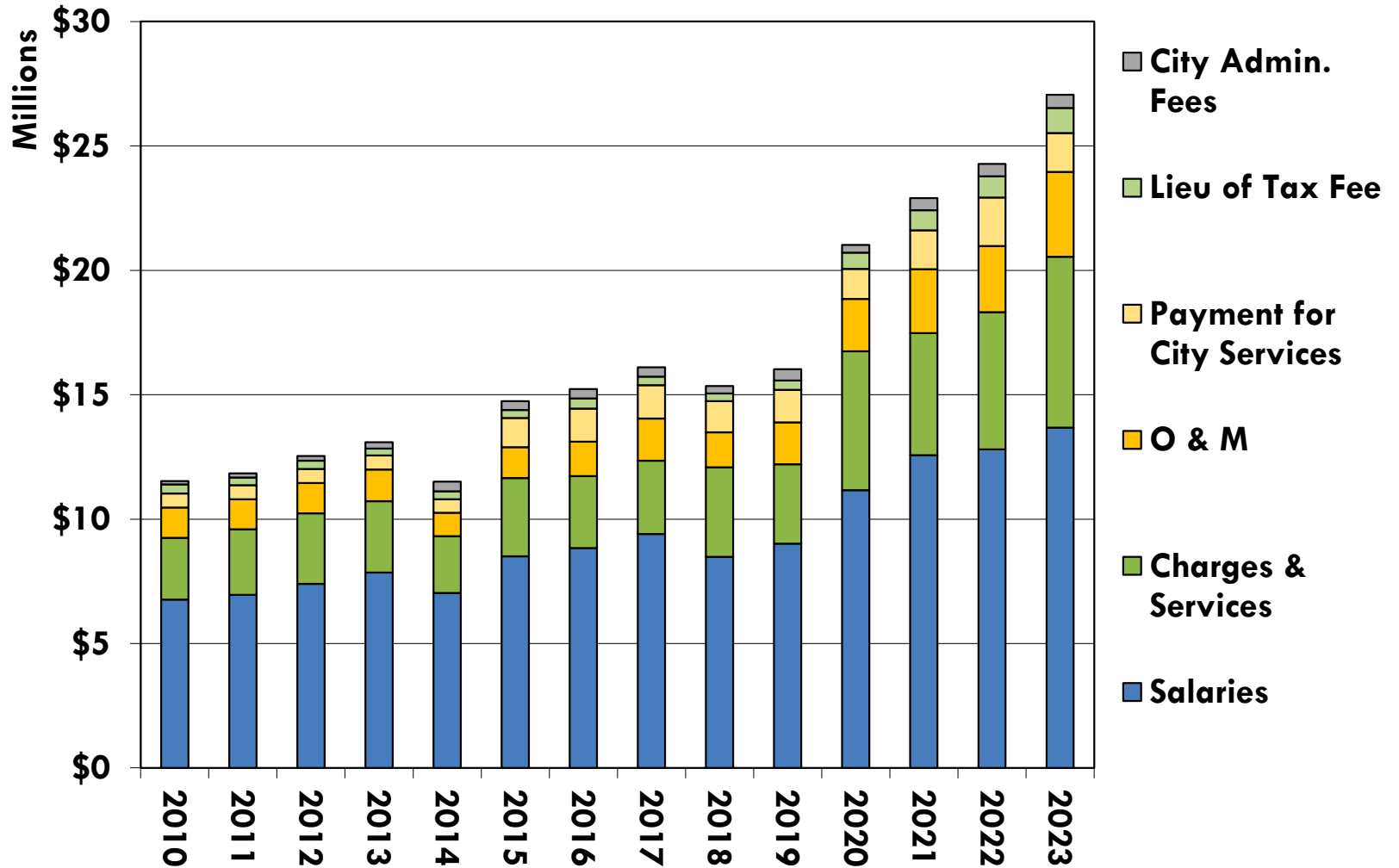




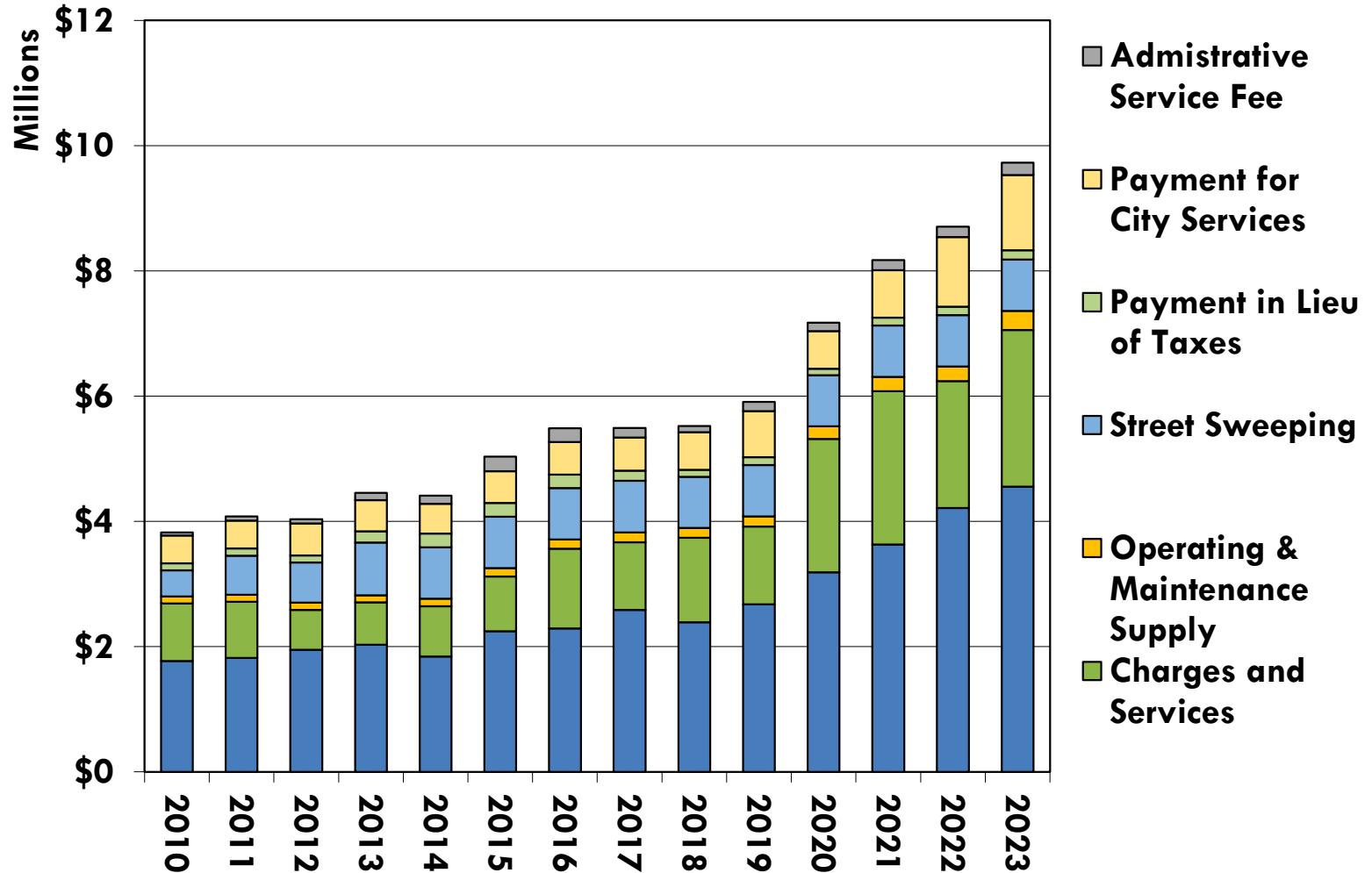
# WATER UTILITY OPERATING COSTS



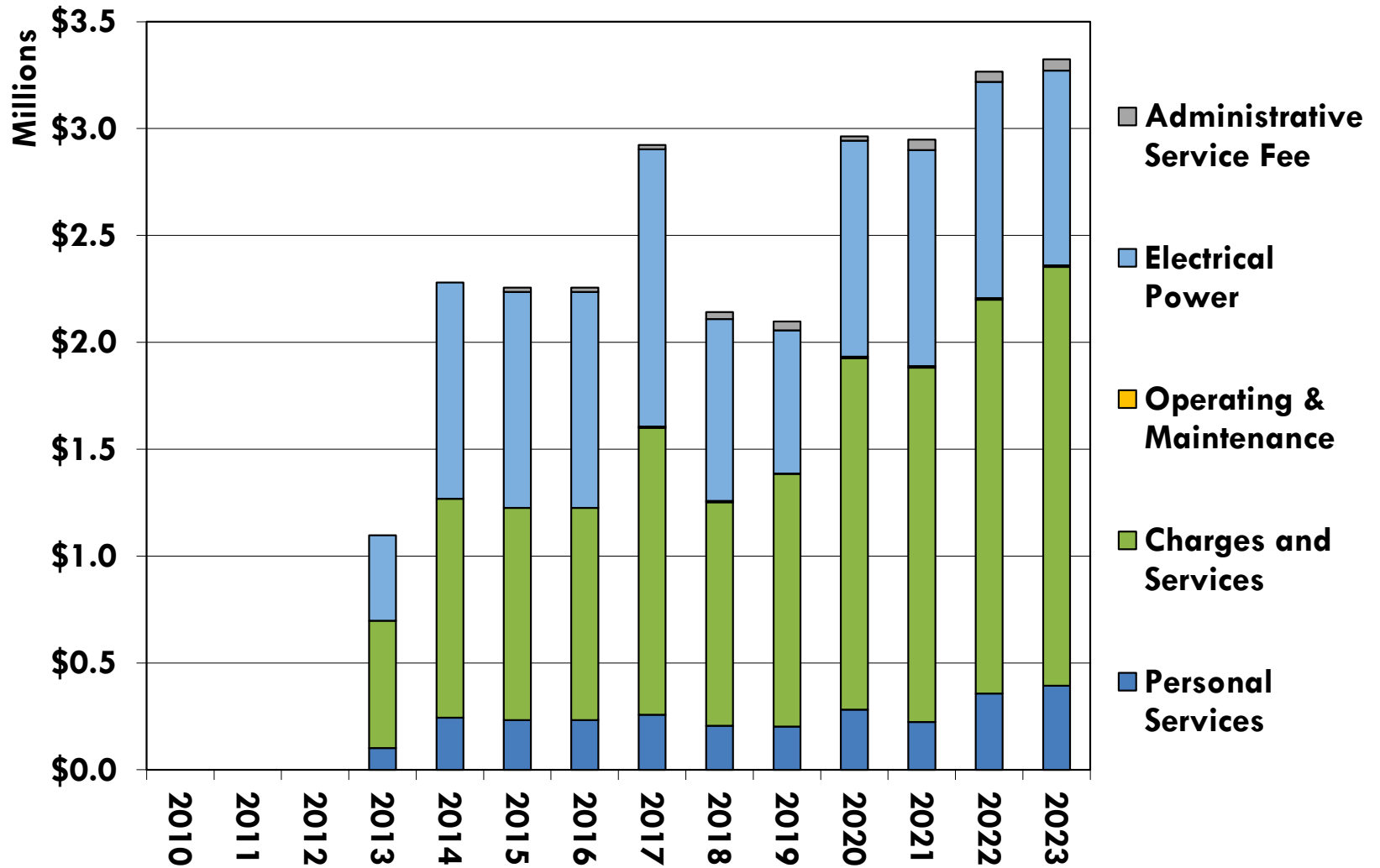
# SEWER UTILITY OPERATING COSTS



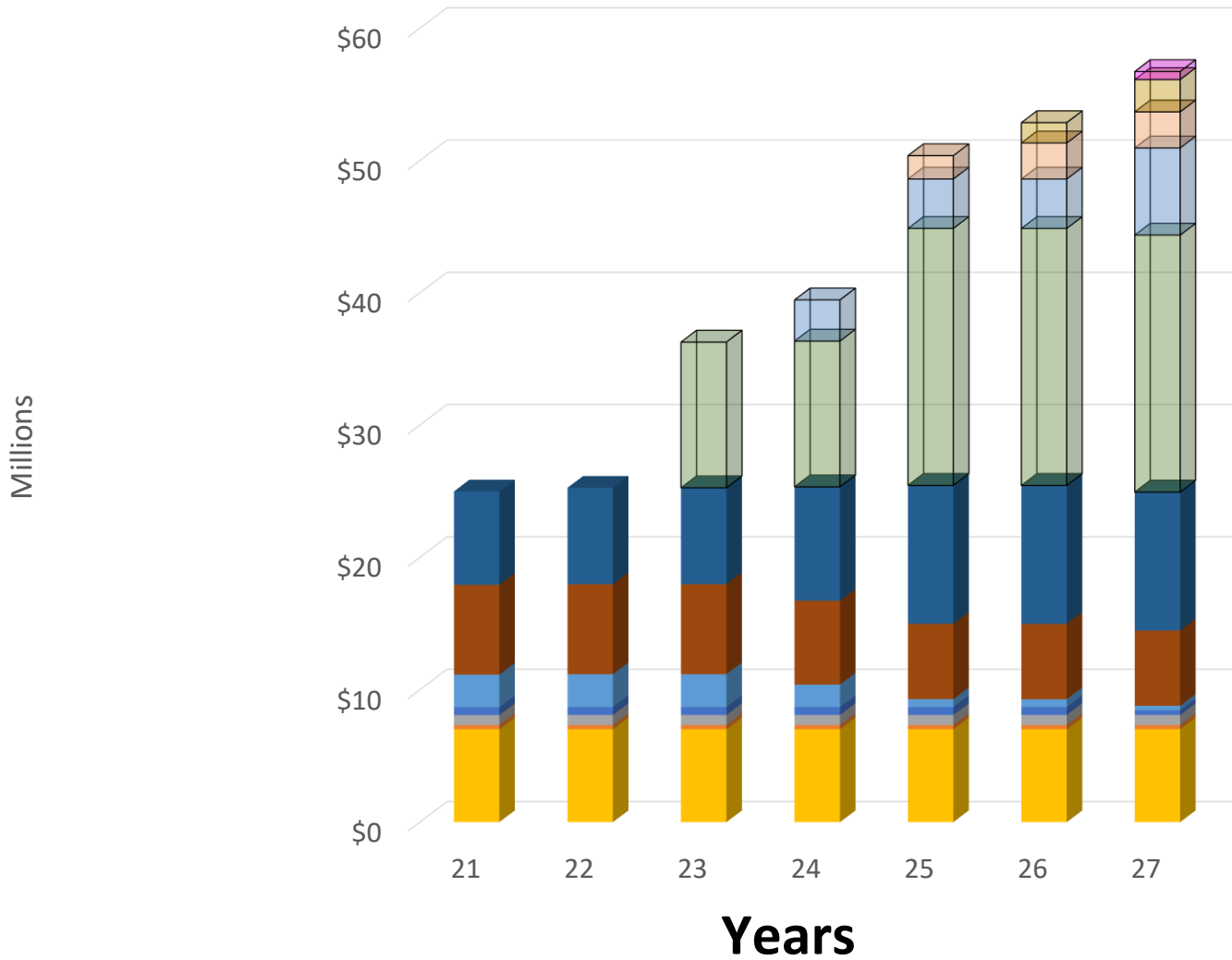
# STORM WATER UTILITY OPERATING COSTS



# STREET LIGHTING UTILITY OPERATING COSTS

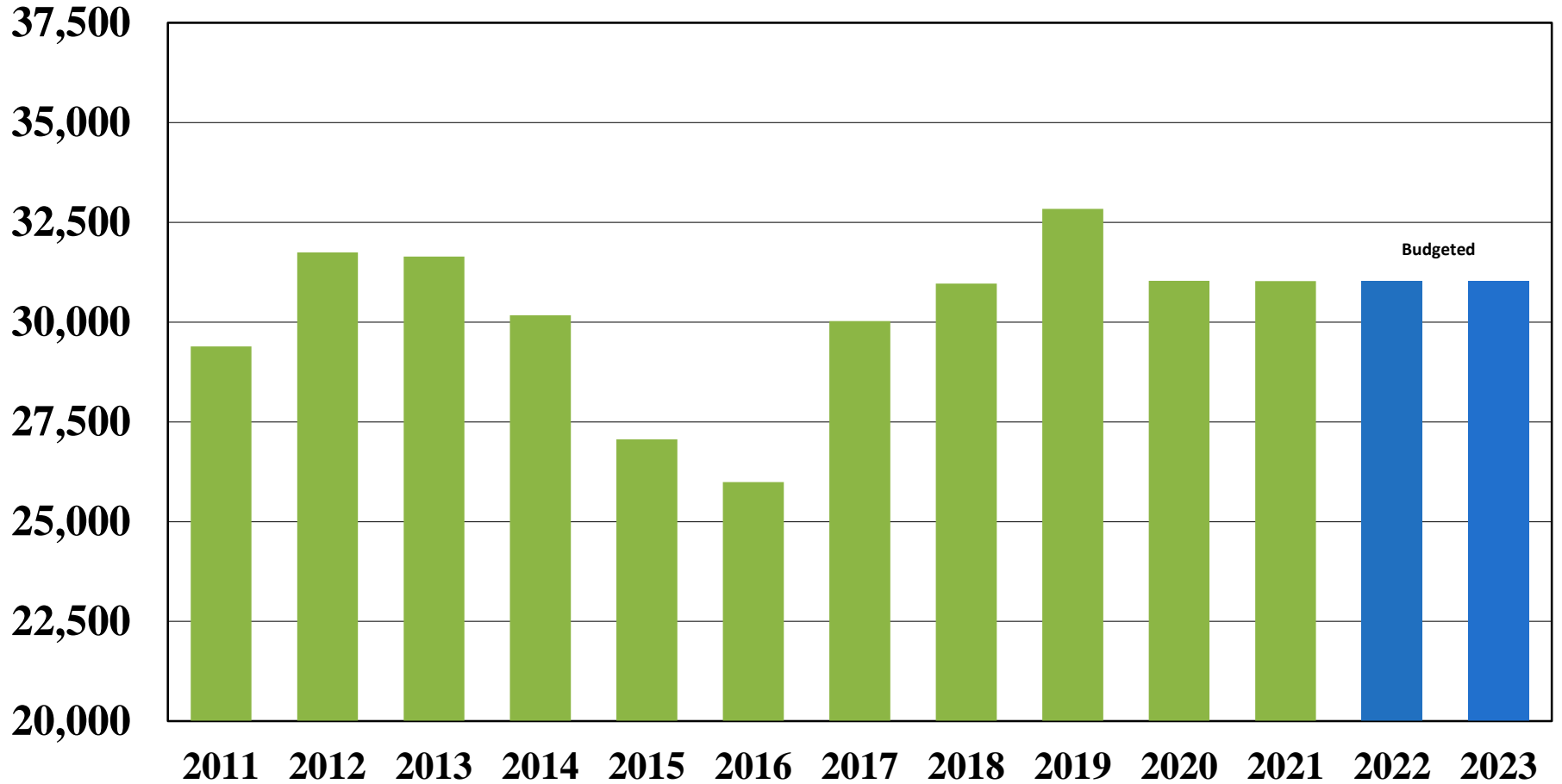


# Public Utilities Proposed Debt Service Schedule and Metropolitan Water Assessment



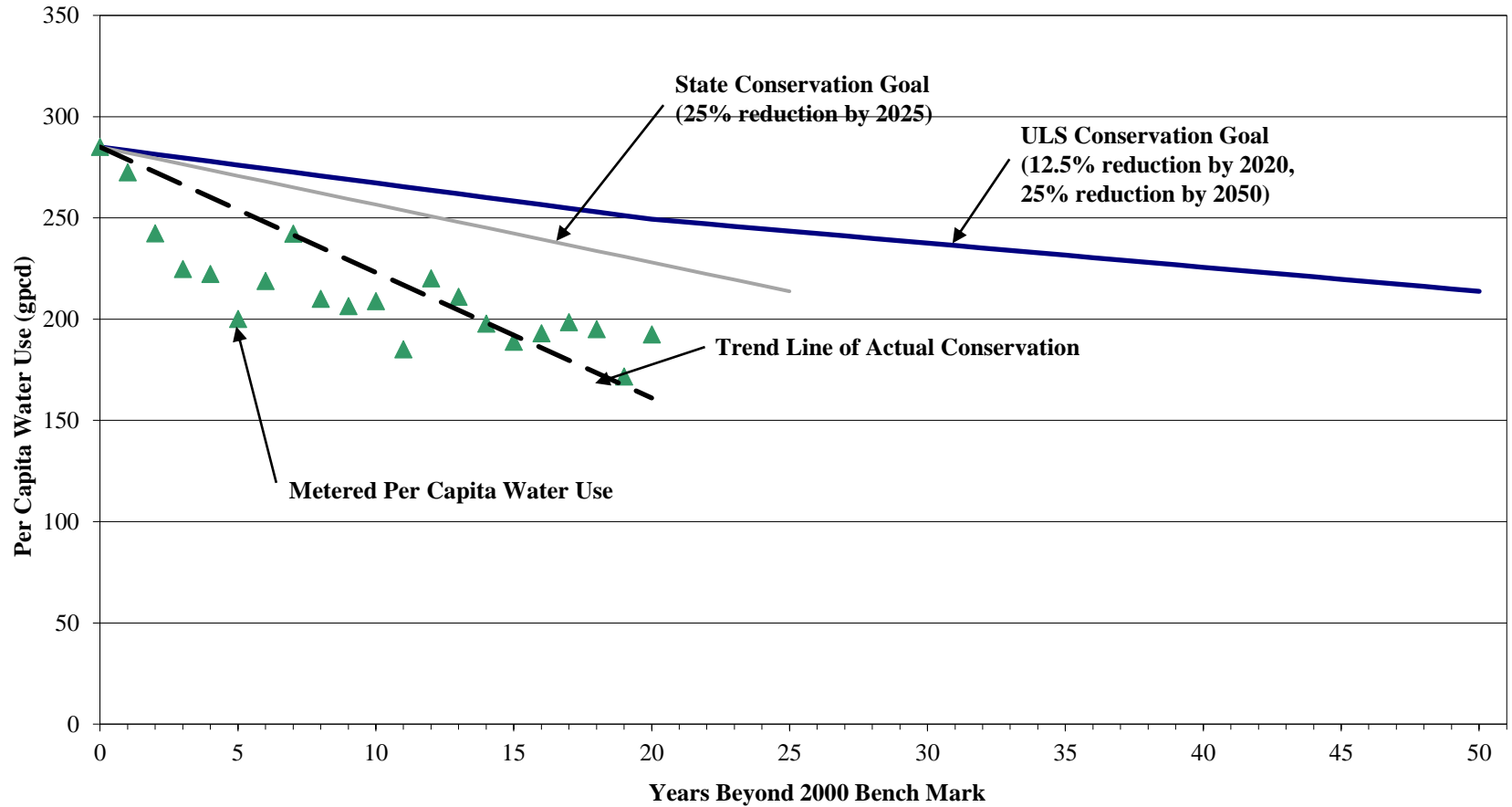
■ METRO   
 ■ Series 2009   
 ■ Series 2010   
 ■ Series 2011   
 ■ Series 2012   
 ■ Series 2017   
 ■ Series 2020   
 ■ Series 2022   
 ■ Series 2024   
 ■ Series 2025   
 ■ Series 2026   
 ■ Series 2027

# MILLION GALLONS DELIVERED BY YEAR



# Figure 1 - Salt Lake City Conservation Trend

Documentation of Conservation Performance  
Metropolitan Water District of Salt Lake & Sandy

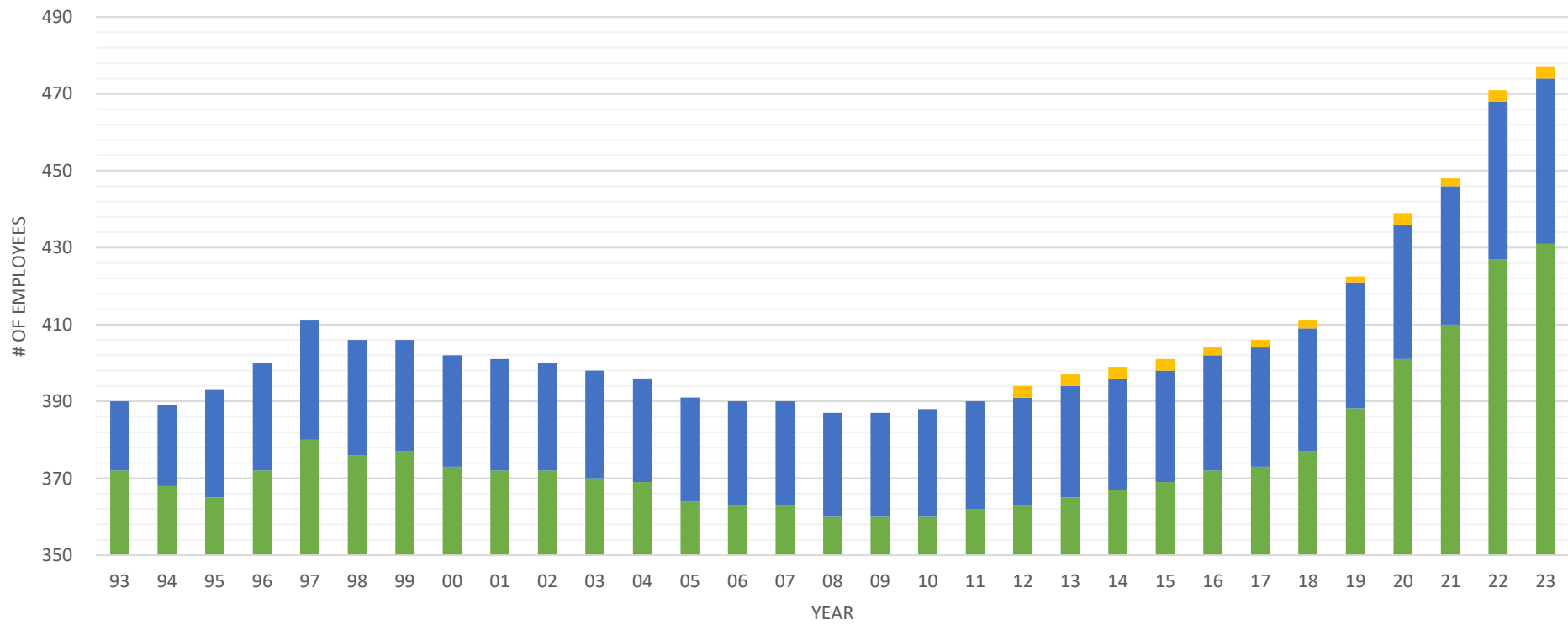


## Proposed Personnel Adjustments FY 22/23

	<b>TOTAL</b>	<b>51 - WATER</b>	<b>52 - SEWER</b>	<b>53 - STORM WATER</b>	<b>48 - STREET LIGHTING</b>
Prior FY Ending FTE Balances by Fund	470.50	298.66	127.80	41.32	2.72
<u>NEW POSITIONS REQUESTED FOR FY 22/23:</u>					
1) SAFETY INSPECTOR	1.00	1.00			
2) GIS TECHNICIAN I	1.00	0.50	0.30	0.20	
3) ACCOUNTANT III	1.00	1.00			
4) LEAD AND COPPER TECHNICIAN	2.00	2.00			
5) ENGINEER TECHNICIAN V	<u>2.00</u>	<u>0.80</u>	<u>0.70</u>	<u>0.50</u>	
<i>Total Requested Full Time Employee's</i>	<u>7.00</u>	<u>5.30</u>	<u>1.00</u>	<u>0.70</u>	
TOTAL FTE'S WITH NEW POSITIONS ADDED	<b>477.50</b>	<b>303.96</b>	<b>128.80</b>	<b>42.02</b>	<b>2.72</b>
Changes made to Seasonal Employee's	(0.50)	(2.00)	0.30	1.20	
<b>Totals with Seasonal Positions</b>	<b>477.00</b>	<b>301.96</b>	<b>129.10</b>	<b>43.22</b>	<b>2.72</b>
Changes made to FTE'S	0.00	0.70	(0.40)	(0.30)	
<b>Agency Totals for FY 2022/2023</b>	<b>477.00</b>	<b>302.66</b>	<b>128.70</b>	<b>42.92</b>	<b>2.72</b>



# Public Utilities Number of Employees By Fund By Fiscal Year



Year	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Water & Sewer	372	368	365	372	380	376	377	373	372	372	370	369	364	363	363	360	360	360	362	363	365	367	369	372	373	377	388	401	410	427	431
Storm Water	18	21	28	28	31	30	29	29	29	28	28	27	27	27	27	27	27	28	28	28	29	29	29	30	31	32	33	35	36	41	43
Street Lighting																				3	3	3	3	2	2	2	2	3	2	3	3
# of Water Connections	86,360	86,665	87,233	85,514	89,191	90,393	89,776	80,218	90,766	91,283	81,751	92,955	92,344	90,748	90,912	90,920	90,976	90,958	90,624	90,251	90,349	90,435	90,451	91,467	91,545	91,802	92,026	92,283	92,466	92,500	92,500

**APPENDIX C: Financial Capability Assessment**





## Financial Capability Assessment

Phase I Report– Executive Summary

December 20, 2021

Salt Lake City Department of Public Utilities



## Executive Summary

The Salt Lake City Department of Public Utilities (SLCDPU) has a longstanding commitment to providing affordable service to its customers. This study has been developed as part of the continuing efforts of the Department to understand the impact of its rates and charges on its customers and address any hardships posed on customers as a result of income limitations and impacts of environmental justice and social equity considerations. The study takes advantage of new metrics and approaches that have been identified in recent water-wastewater industry association studies and a new prepublication guidance on financial capability released by the United States Environmental Protection Agency (EPA). The development of these new approaches and more robust methods and metrics supports SLCDPU's interest to continuously improve its understanding of the affordability of its services and the impacts of its charges on the range of demographic groups within its customer base. The utility intends to use the findings from this study to support a variety of its activities, including scheduling of projects, support to rate setting and customer assistance program efforts, and more broadly to support its outreach and engagement with customers and environmental justice and social value initiatives.

### Scope for Phase I Study

A pre-publication edition of a new guidance on Financial Capability Analysis was issued by the EPA in January 2021 (EPA Guidance). SLCDPU identified that quite a few of the metrics identified in this new guidance are relevant to the SLCDPU study, particularly in light of the multiple intended uses for the study. From the relevant metrics, a subset was identified for development during Phase I of the study in light of schedule and budget constraints. The priority metrics addressed during Phase I include the following:

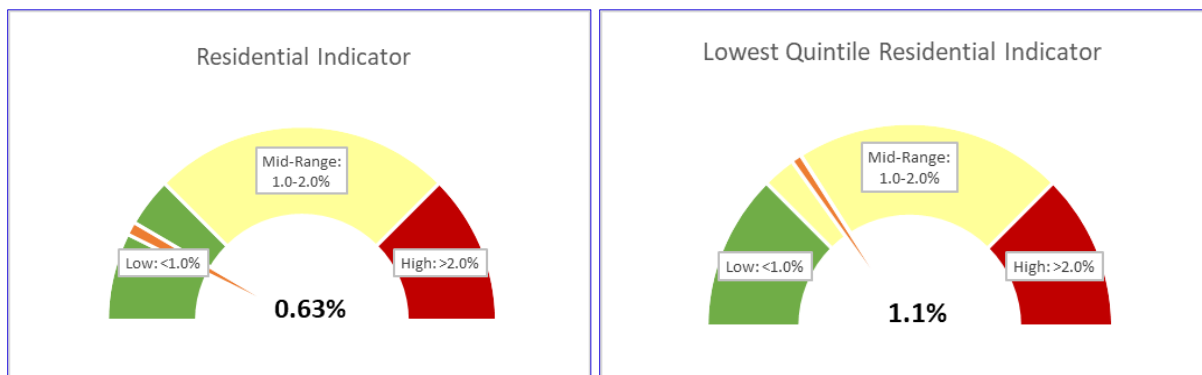
- The “Alternative 1” metrics on financial capability and residential impact in the guidance were selected for development because they provide important service-area-level insights into the overall financial condition of the service area and the impacts of paying for SLCDPU's services on its residential customers.
- Several discretionary community-specific supplemental metrics were selected for development during Phase I because they help provide a complete picture of the cumulative effect of utility system revenue requirements by including costs such as asset management costs and the costs associated with customer assistance programs.
- In addition, several metrics were identified by SLCDPU to address the numerous types of customers who may have special circumstances that would amplify potential hardships from an equity perspective when needing to pay for utility service, including re-entry citizens, multigenerational households, and refugee citizens.
- The final category of metrics selected for development during Phase I consists of several of the items in the EPA Guidance that are identified as potential supplemental considerations related to schedule development. These include discharges to sensitive areas, use impairment, and environmental justice. The first items are included in part because they are being explored in an integrated resource planning study currently in development by the utility, but also because there are relevant considerations in these two areas known to the utility. The environmental justice factor is included because of the priority given to this issue by SLCDPU, as indicated earlier. It was also deemed useful to develop the EJSCREEN tool recommended by EPA as a mechanism for evaluating environmental justice in the guidance, as a way to help inform future evaluation of financial impacts of utility charges in priority sub-geographies within the service area that are likely to have the possibility of more-than-typical hardships related to environmental justice and social value considerations.

## Key Findings

Key findings for the metrics selected for development during Phase I include the following:

- For the metrics related to impacts on residential customers for the SLCDPU service area as a whole, the overall assessment is that impacts fall within the Low Burden category, but with some of the individual metrics, such as lowest quintile residential indicator, falling in the mid-range impact category.

For example, Figures 1 and 2 below show the Residential Indicator, which shows the burden that SLCDPU's wastewater charges impose on a household with a median income for the community and the Lowest Quintile Residential Indicator, which shows the burden the wastewater charges impose on households with income within the lowest quintile within the service area. As shown in the figures, for the Residential Indicator, SLCDPU's charges fall within the low impact range defined in the EPA guidance document; for the Lowest Quintile Indicator, SLCDPU's charges fall within the mid-range of impacts.



Figures 1 and 2. Residential Indicator and Lowest Quintile Residential Indicator Results for SLCDPU

- The Phase I work that analyzed the impacts of the full range of utility-related costs, including wastewater, drinking water, stormwater program costs, plus asset management needs and costs related to customer assistance programs, suggests that the full, cumulative burden of full costs to customers over time will increase and will likely affect the overall affordability of service picture for SLCDPU.
- Preliminary work to gather data for several special categories of customers that may have enhanced environmental justice-related challenges, including re-entry citizens and multigeneration households, proved challenging. Given the potential significance of the impacts on these customers, further work beyond the Phase I study is warranted.
- Use of EJSCREEN, a screening tool developed by EPA to support initial environmental justice analyses by highlighting geographic areas that may have higher environmental burdens and vulnerable populations, identified the following:
  - There are a number of sub-geographies within the SLCDPU service area where there are concentrations of demographic characteristics, such as low-income, that create the possibility of greater burden in terms of financial and social equity hardship of paying for water, wastewater, and stormwater service than indicated in the service-area results indicated above.

For example, Figure 3 is a map generated for the EJSCREEN analysis that presents the demographic index, which is the average of two demographic indicators: percent lowincome and percent minority. As shown in the legend, the census block groups in the SLCDPU service area are shown in relation to the State of Utah percentiles. For the purposes of the EJSCREEN analysis, a census block group greater than 80th percentile is an area that may warrant further consideration, analysis, or outreach. As shown in the figure, there are a number of neighborhoods in the service area above 80th percentile, including Rose Park, Fairpark and Poplar Grove.

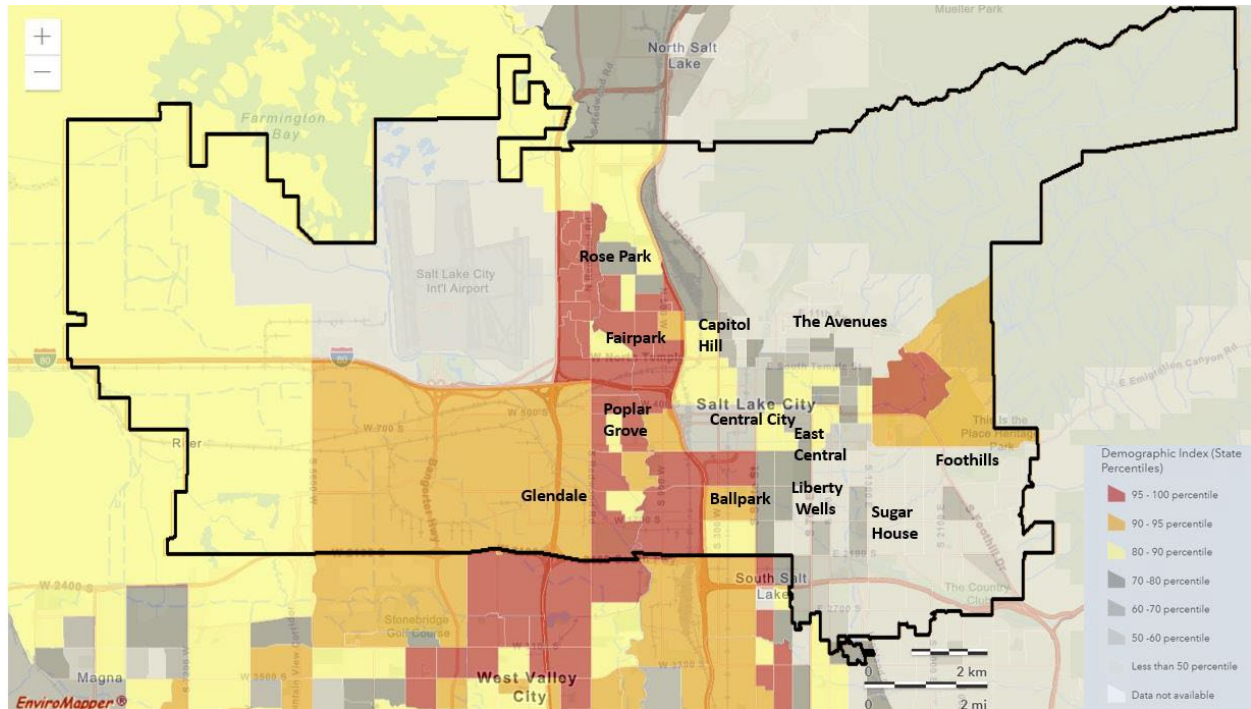


Figure 3. EJSCREEN Demographic Index for SLCDPU service area

- There are a number of subgeographies within the SLCDPU service area where there are concentrations of physical characteristics, such as proximity to Superfund sites, that create the possibility of greater burden in terms environmental justice and social equity hardship impacts on residents who live there.
  
- Consistent with the opening allowed in the EPA Guidance, work conducted to date as part of the integrated resource planning efforts at SLCDPU suggests that environmental factors, including use impairment, public health, and discharges to sensitive areas, are indeed important factors that should be taken into consideration when prioritizing the timing for capital investments by the utility. This is the case from both SLCDPU’s priorities and goals as a proactive environmental agency and may also be important considerations the utility might advance during schedule negotiations for investments with state and federal regulators, as allowed and invited by the EPA Guidance.

## Suggested Uses for the Phase I Findings

It is recommended that the findings of the Phase I studies be shared in summary form with the Mayor's office and City Finance Department, as envisioned during the Phase I kickoff meeting. The findings reported in this report may provide useful context for City policy and program development related to affordability and environmental justice, particularly when viewed in the context of other City programs and tax and fee burdens that affect residents of the service area.

## Recommendations for Follow -up Analysis

It is recommended that SLCDPU consider following up the research and analysis developed for this Phase I study with additional work in light of opportunities to build upon the Phase I work. Potential Phase II efforts could include the following:

- Follow up with More Detailed Studies for Metrics Covered in Phase I.
  - Development of the residential indicator impacts from Alternative 1 in the EPA Guidance for the neighborhoods identified through the EJSCREEN analysis as likely having the most significant likelihood of environmental justice impacts and financial burden to customers greater than the impacts identified in Phase I for the service area as a whole.
  - Further efforts be made to gather information on re-entry citizens, multigeneration households and other customer types that may experience greater-than-typical environmental justice impacts.
  - Given the high-level findings in Phase I that the cumulative costs of the full cost of service, which includes asset management and customer assistance costs, may pose significant additional challenges over time, it is recommended that follow-up work be conducted to understand those impacts more fully.
- Development of other metrics from the EPA Guidance that were identified as relevant for the SLCDPU context, but which were excluded from development during Phase I as a result of schedule and resource constraints.