

# PUBLIC UTILITIES ANNUAL 2020-21 FISCAL BUDGET PROPOSAL



April 2,  
2020

**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 2021**

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**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 FY2021 Proposed Budget:*

**Laura Briefer, Director** \_\_\_\_\_

A handwritten signature in blue ink, appearing to be "LB", written over a horizontal line.

**Public Utilities Advisory Committee (PUAC)**

*The PUAC concurs with and supports the Salt Lake City Department of Public Utilities FY2021 Proposed Budget presentation:*

**Tom Godfrey, Chair** \_\_\_\_\_

Dated \_\_\_\_\_, 2020

**Briefer, Laura**

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**From:** Tom Godfrey <tg@xmission.com>  
**Sent:** Thursday, April 2, 2020 9:01 AM  
**To:** Briefer, Laura  
**Subject:** (EXTERNAL) Recommendation

Laura,

I want to affirm that the Salt Lake City Public Utilities Advisory Committee unanimously approved recommending the Salt Lake City Department of Public Utilities FY2021 Proposed budget to Mayor Mendenhall at its April 2<sup>nd</sup> meeting.

Tom Godfrey  
Committee Chair

## Table of Contents

<b>BUDGET SUMMARY FY 2021.....</b>	<b>1</b>
<b>WATER UTILITY ENTERPRISE FUND .....</b>	<b>5</b>
<b>WATER INFRASTRUCTURE BACKGROUND.....</b>	<b>5</b>
<b>WATER UTILITY BUDGET HIGHLIGHTS FOR FY2021.....</b>	<b>5</b>
<b>SEWER UTILITY ENTERPRISE FUND .....</b>	<b>9</b>
<b>SEWER INFRASTRUCTURE BACKGROUND .....</b>	<b>9</b>
<b>SEWER UTILITY BUDGET HIGHLIGHTS FOR FY2021 .....</b>	<b>10</b>
<b>STORMWATER UTILITY ENTERPRISE FUND.....</b>	<b>14</b>
<b>STORMWATER INFRASTRUCTURE BACKGROUND .....</b>	<b>14</b>
<b>STORMWATER UTILITY BUDGET HIGHLIGHTS FOR FY2021 .....</b>	<b>14</b>
<b>STREET LIGHTING UTILITY ENTERPRISE FUND .....</b>	<b>17</b>
<b>STREET LIGHTING INFRASTRUCTURE BACKGROUND .....</b>	<b>17</b>
<b>STREET LIGHTING UTILITY BUDGET HIGHLIGHTS FOR FY2021 .....</b>	<b>18</b>
<b>COMBINED UTILITIES- BUDGET SUMMARY AND CASH FLOW .....</b>	<b>20</b>
<b>WATER UTILITY- BUDGET SUMMARY AND CASH FLOW.....</b>	<b>25</b>
<b>SEWER UTILITY- BUDGET SUMMARY AND CASH FLOW .....</b>	<b>42</b>
<b>STORMWATER UTILITY- BUDGET SUMMARY AND CASH FLOW .....</b>	<b>55</b>
<b>STREET LIGHTING UTILITY- BUDGET SUMMARY AND CASH FLOW .....</b>	<b>62</b>
<b>APPENDIX A: RATE CHANGE COMPARISONS AND CUSTOMER IMPACTS.....</b>	<b>66</b>
<b>APPENDIX B: SUPPLEMENTAL INFORMATION .....</b>	<b>78</b>

## **BUDGET SUMMARY FY 2021**

Salt Lake City Department of Public Utilities (SLCDPU) is pleased to present its recommended budget for fiscal year 2020-2021 (FY 2021). The FY 2021 budget includes funding for operations, maintenance, and capital investments in the water, sewer, stormwater, and street lighting utilities. The budget also reflects the enhancement of operational programs to meet more stringent regulatory requirements for drinking water, wastewater, and stormwater. SLCDPU operates each of its utilities as separate enterprise funds.

### **Covid-19 Pandemic Considerations**

Due to anticipated economic impacts of the unprecedented COVID-19 pandemic, SLCDPU is proposing a conservative budget that will allow time to monitor actual economic impacts and plan accordingly. The proposed FY 2021 budget reflects the following pandemic-related assumptions:

- The economic impacts of the pandemic will be felt by SLCDPU for several months to a year;
- Revenues from water sales will decrease due to closures of certain sectors (schools, religious institutions, restaurants, for example) and a general economic downturn;
- A higher rate of accounts receivable will be realized, and collections may be more difficult due to a general economic downturn; and
- Market conditions will not be ideal for SLCDPU to obtain revenue bonds to pay for large projects during the FY 2021 time period.

In response to the pandemic and these assumptions, SLCDPU is proposing the following budget strategies:

- Budgeted revenues reflect an anticipated 10% decrease in water sales and a 5% decrease in sewer sales over FY 2021;
- Some planned capital improvement projects from FY 2021 will be deferred to future years;
- Planned rate increases in the water and stormwater utilities will be deferred. The planned sewer utility rate increase will remain due to the ongoing reconstruction of the new water reclamation facility that must be completed by January 1, 2025 to meet regulatory requirements. There are no planned rate increases for the street lighting utility.
- Hiring of new staff will be deferred except for those needed more immediately for regulatory programs and those needed to support economic growth and recovery;
- Cost of Living Adjustments (COLA) for SLCDPU employees will be deferred;
- The Metropolitan Water District of Salt Lake and Sandy (MWDSLS) will not implement a rate increase this year; and
- A mid-year budget and economic review will be conducted with the possibility of adjustments to address actual conditions.

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

The total proposed FY 2021 SLCDPU budget is \$362,313,149, an 8.69 % increase from the FY2020 amended budget of \$333,342,218. The FY2020 adopted budget was adjusted for FY2019 carryover encumbrances for open contracts and purchase orders. Those changes are reflected in the amended budget amount. The proposed operating budget of \$105,839,232 is \$7,294,479 or 7.40% higher than the current year. The increase includes eight proposed new employees, a 4.5% increase in health insurance premiums, and other benefits costs. Amounts paid to other departments for IMS charges, administrative service fees, payment in lieu of taxes, and risk management is projected to increase by \$1,926,344. Operational costs also reflect an \$844,223 increase to be paid to the Metropolitan Water District of Salt Lake and Sandy (MWDSLs) for additional water resources pursuant to the Central Utah Project Utah Lake System petition and agreement.

The proposed capital budget for FY2021 is \$239,225,139. Debt service is anticipated to be \$17,248,778, including the cost of issuing new debt during the year. Total debt service for FY2021 is increasing due to the cost of issuing new debt. A portion of the increase is offset by the \$4,250,000 reduction in the payment of the second installment due on the state loan provided to SLCDPU to complete infrastructure capacity projects for the new state correctional facility. The payments to the state are conducted pursuant to the 2017 cooperative agreement between the State Division of Facilities Construction and Management and SLCDPU.

Funding for capital projects in FY2021 will be generated through rate revenue, the issuance of revenue bonds, and a federal loan. Total bonding planned for FY2021 is \$198,604,000. This includes planned issuances for both FY2020 and FY2021 with a planned closing in August 2020. SLCDPU plans to use a federal loan under the Water Infrastructure Finance and Innovation Act (WIFIA) to finance \$93,210,000 of the new water reclamation facility (WRF) in FY 2021.

There are no proposed rate increases for the water, stormwater, or street lighting utilities. An 18% rate increase is proposed for the sewer utility to continue to fund the new WRF. Appendix A includes a summary of expected customer rate impacts.

SLCDPU's total anticipated revenues for FY2021 are \$362,313,149, an increase of \$28,970,931. The deferral of rate increases and a decrease in expected sales results in a rate revenue budget that is slightly less than FY2020. The issuance of \$93,250,000 in bonds and WIFIA Loan proceeds of \$93,210,000 account for the overall revenue increase. SLCDPU intends to transfer \$56,812,813 to reserves from the remaining debt funds.

**Summary of Utilities Fund Budgets**

<b>Utility Funds FY 2021</b>	<b>Operations</b>	<b>Capital</b>	<b>Debt</b>	<b>Fund Totals</b>
Water	71,801,529	51,645,890	2,885,774	126,333,193
Sewer	22,916,681	177,014,249	12,707,469	212,638,399
Storm	8,173,159	8,325,000	1,463,701	17,961,860
Street	2,947,863	2,240,000	191,834	5,379,697
<b>Total</b>	<b>\$ 105,839,232</b>	<b>\$ 239,225,139</b>	<b>\$ 17,248,778</b>	<b>\$ 362,313,149</b>

**Proposed Department of Public Utilities Expenditures for FY 2020-21**

<b>Major Expenditure Categories</b>	<b>Adopted Budget 2019-2020</b>	<b>Amended Budget 2019-2020</b>	<b>Proposed Budget 2020-2021</b>	<b>Difference</b>	<b>Percent Change</b>
Personal Services	38,021,063	38,021,063	41,961,790	3,940,727	10.36%
Materials and Supplies	6,733,060	6,707,979	7,605,558	897,579	13.38%
Charges for Services	52,681,456	53,815,711	56,271,884	2,456,173	4.56%
Debt Service	16,646,000	16,646,000	17,248,778	602,778	3.62%
Capital Outlay	11,931,596	12,344,712	4,769,726	(7,574,986)	-61.36%
Capital Improvements	172,094,600	205,806,753	234,455,413	28,648,660	13.92%
<b>Total</b>	<b>\$ 298,107,775</b>	<b>\$ 333,342,218</b>	<b>\$ 362,313,149</b>	<b>\$ 28,970,931</b>	<b>8.69%</b>

**Projected Department of Public Utilities Revenues for FY 2020-21**

<b>Revenue</b>	<b>Adopted Budget 2019-2020</b>	<b>Amended Budget 2019-2020</b>	<b>Proposed Budget 2020-2021</b>	<b>Difference</b>	<b>Percent Change</b>
Operating Sales	134,130,180	134,130,180	133,792,106	(338,074)	-0.25%
Interest	883,820	883,820	1,915,867	1,032,047	116.77%
Permits	70,000	70,000	182,000	112,000	160.00%
Interfund Charges	2,475,157	2,475,157	2,921,828	446,671	18.05%
Other Revenues	833,000	833,000	2,351,790	1,518,790	182.33%
Impact Fees	1,900,000	1,900,000	2,995,670	1,095,670	57.67%
Contributions	3,761,000	3,761,000	4,031,640	270,640	7.20%
Bond Proceeds	105,084,000	105,084,000	186,730,000	81,646,000	77.70%
From (To) Reserves	48,970,618	84,205,061	27,392,248	(56,812,813)	-67.47%
<b>Total</b>	<b>\$ 298,107,775</b>	<b>\$ 333,342,218</b>	<b>\$ 362,313,149</b>	<b>\$ 28,970,931</b>	<b>8.69%</b>

**Summary of Additional Proposed Positions**

The proposed budget includes the addition of eight (8) new full time equivalent (FTE) positions. These recommended positions are identified to assist SLCDPU in meeting more immediate regulatory requirements and supporting the economic and geographic growth

within our service area. SLCDPU currently has 439.50 FTEs and is proposing the following positions to meet identified needs. The Department is proposing adding the eight new FTEs as shown in the following chart.

**Proposed Personnel Adjustments FY 2020-2021**

<b>Administration</b>	<b>Water</b>	<b>Sewer</b>	<b>Stormwater</b>	<b>Street Lighting</b>	<b>Total</b>
Water Rights and Property Agent	0.50	0.25	0.25	-	1.00
Utility Development Review Specialist	0.80	0.10	0.10	-	1.00
					<b>2.00</b>
<b>Water Resources</b>					
Water Resources Technician	1.00				1.00
					<b>1.00</b>
<b>Water Quality</b>					
Cross Connection Technician	1.00				1.00
Storm Water Quality Coordinator			1.00		1.00
					<b>2.00</b>
<b>Maintenance</b>					
Waste Water Lift Station Worker		1.00			1.00
					<b>1.00</b>
<b>Finance</b>					
Financial Analyst IV	0.50	0.40	0.10		1.00
					<b>1.00</b>
<b>Engineering</b>					
Engineer IV	0.50	0.25	0.25	-	1.00
					<b>1.00</b>
<b>Total New FTEs</b>	<b>4.30</b>	<b>2.00</b>	<b>1.70</b>	<b>-</b>	<b>8.00</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 1,125 miles of 12” or smaller distribution lines, and more than 180 miles of large transmission mains for a total asset inventory of 1,305 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 the newly incorporated Mill Creek City, as well as 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. 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. There is also a continual need to repair and replace pipe segments to maintain service and reduce emergency repair costs and impacts to the public.

### **Water Utility Budget Highlights for FY2021**

#### **Anticipated Revenues**

Due to anticipated economic impacts of the COVID-19 pandemic, SLCDPU is planning for a 10% revenue decrease in the water utility. This is anticipated because of a combination of closures of institutions and commercial businesses that are consistent water users, and because of anticipated higher than normal accounts receivables. SLCDPU will be monitoring for actual impacts over the next few months.

SLCDPU intends to issue revenue bonds early in FY2021 with \$77,531,000 designated for water. This amount includes the planned issuances for both FY2020 and FY2021. Additional bonding of \$92,515,000 is anticipated from FY2021 to FY2025 meet water utility capital project objectives.

The revenue budget is proposed to decrease by \$18,045,614 or 12.50% from the FY2020 budget. The proposed budget for FY2021 by major category is as follows:

**Projected Water Revenues for FY 2020-21**

Revenue	Adopted Budget 2019-2020	Amended Budget 2019-2020	Proposed Budget 2020-2021	Difference	Percent Change
Operating Sales	75,731,453	75,731,453	69,612,308	(6,119,145)	-8.08%
Interest	229,000	229,000	715,896	486,896	212.62%
Interfund Charges	2,475,157	2,475,157	2,921,828	446,671	18.05%
Other Revenues	638,000	638,000	2,012,290	1,374,290	215.41%
Impact Fees	1,000,000	1,000,000	1,184,670	184,670	18.47%
Contributions	1,205,000	1,205,000	1,975,640	770,640	63.95%
Bond Proceeds	35,196,000	35,196,000	42,235,000	7,039,000	
From (To) Reserves	13,346,707	27,904,197	5,675,561	(22,228,636)	-79.66%
<b>Total</b>	<b>\$ 129,821,317</b>	<b>\$ 144,378,807</b>	<b>\$ 126,333,193</b>	<b>\$ (18,045,614)</b>	<b>-12.50%</b>

Operating Sales: Revenue is expected to be 8.08% less than FY2020 budgeted levels. The proposed budget is 90% of our anticipated FY2020 sales. This was calculated utilizing year to date collections and an assumption of a decrease in operating sales in the last quarter of FY2020 due to potential pandemic impacts.

Interest Income: Interest earnings are expected to increase with the issuance of revenue bonds.

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: Impact fees are budgeted to increase \$184,670 for new development. The FY2021 budget is a conservative estimate based on the historical average.

Bond Proceeds: A bond issue of \$42,235,000 million is anticipated.

Reserve Funds: The Department plans to use \$5,675,561 of reserve funds to balance the capital and operational needs. Budgeted use of reserve funds is \$22,228,636 less than the FY2020 amended budget or a decrease of 79.66%.

### **Proposed Expenditures**

The water utility's FY2021 budget includes an increase of \$2,981,217 in charges for services and an increase of \$2,130,894 in personal services. The increase in personal services is attributed to the addition of 4.3 FTEs, a 4.5% increase in health insurance costs, and additional benefit and pay adjustments. The new FTEs requested will support the Department's water resources, development services, and water quality to meet regulatory requirements and support continued economic activity.

Metropolitan District of Salt Lake and Sandy (MWDSLS) will maintain the current price levels for water for FY2021 without increases to operational or assessment charges. Pursuant to SLCDPU's recent water supply and demand planning, the FY2021 budget includes the first installment of 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 FY2021 proposed budget.

SLCDPU plans to invest \$47,930,000 in capital improvements for water utility infrastructure in FY2021. The capital improvement program includes a prioritized balance of needed improvements to treatment plants, water lines, meter replacements, pump stations, wells, and other infrastructure. A portion of the water main replacements are being performed in conjunction with the General Fund bonded street repair projects. The capital improvements budget has been significantly reduced from earlier planned investments due to anticipated impacts of the COVID-19 pandemic and the deferral of a planned rate increase. SLCDPU will monitor the economic situation to determine if any mid-year adjustments are warranted.

The expenditure budget for the water utility is proposed to decrease \$18,045,614 or 12.50% from the FY2020 amended budget. The proposed budget for FY2021 by major category is as follows:

<b>Proposed Water Expenditures for FY 2020-21</b>					
<b>Major Expenditure Categories</b>	<b>Adopted Budget 2019-2020</b>	<b>Amended Budget 2019-2020</b>	<b>Proposed Budget 2019-2020</b>	<b>Difference</b>	<b>Percent Change</b>
Personal Services	23,387,302	23,387,302	25,518,196	2,130,894	9.11%
Materials and Supplies	4,415,380	4,404,945	4,789,775	384,830	8.74%
Charges for Services	38,473,088	38,512,341	41,493,558	2,981,217	7.74%
Debt Service	1,781,000	1,781,000	2,885,774	1,104,774	62.03%
Capital Outlay	2,509,447	2,922,563	3,715,890	793,327	27.14%
Capital Improvements	59,255,100	73,370,656	47,930,000	(25,440,656)	-34.67%
<b>Total</b>	<b>\$ 129,821,317</b>	<b>\$ 144,378,807</b>	<b>\$ 126,333,193</b>	<b>\$ (18,045,614)</b>	<b>-12.50%</b>

Personal Services: Employee related costs are estimated to increase \$2,130,894 or 9.11%. The water utility budget anticipates an increase of 4.30 FTEs. The FY2021 budget includes a 4.5% increase in the cost of health insurance.

Materials & Supplies: The increase of \$384,830 is comprised of a \$118,074 increase in contracted grounds maintenance, \$103,000 in sand and gravel as well as increases in building supplies and small tools.

Charges for Services: The proposed budget for charges and services will increase \$2,981,217 or 7.74%. The increase can be attributed to a \$1,137,315 increase in outsourced technical services, \$589,606 in IMS costs, \$844,223 to MWDSLS for the ULS water resources, and additional fees for City provided services.

Debt Service: In compliance with the Series 2017 Refunding Bond, and in anticipation of a Series 2020 30 Year Bond, the budget for debt service is projected to increase by \$1,104,774.

Capital Outlay: The proposed budget for capital outlay for FY2021 includes \$1,500,000 for watershed purchases, \$250,000 for water right and company purchases, \$250,000 for water stock purchases, \$150,000 for additional land purchases, \$898,800 for 15 vehicles,

\$243,806 for field equipment, \$140,000 for treatment plant equipment, \$56,500 for office furniture & equipment, and \$226,784 for other non-motive equipment.

Capital Improvements: The proposed capital improvement budget for FY2021 is \$47,930,000. 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 2020-21**

<b>Type of Project</b>	<b>Proposed Budget 2020-2021</b>
Treatment Plants	7,050,000
Water Service Connections	5,208,000
Pumping Plant Upgrades	80,000
Reservoirs	7,870,000
Water Mains and Hydrants	23,329,000
Wells	3,000,000
Culverts, Flumes, and Bridges	1,325,000
Landscaping	68,000
<b>Total 2020-2021 CIP</b>	<b>\$ 47,930,000</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 in order to meet UDEQ's nutrient compliance date of January 1, 2025. SLCDPU has been implementing gradual rate increases and revenue bonding for the replacement of the WRF.

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 50% of the sewer collection system is greater than 85 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 anticipated in the Northwest Quadrant of Salt Lake City.

## Sewer Utility Budget Highlights for FY2021

Total project costs for the WRF reconstruction are anticipated to be \$711,653,000 when the project is completed. Construction began in FY2020. SLCDPU has expended approximately \$11 million over the last several years in preparation for 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). A letter of interest was submitted for the project in July 2019 and the invitation to apply was received in October 2019. The loan application was submitted in February 2020 with an anticipated closing date early in FY2021. The loan will provide up to 49% of the cost of the new WRF. The interest rate will be established at loan closing and a repayment schedule to complement revenue bond debt payments will be requested.

Sewer Planned Debt			
FY	WIFIA	Bonds	Total
2019-2020	-	55,000,000	55,000,000
2020-2021	93,210,000	51,000,000	144,210,000
2021-2022	93,980,000	123,000,000	216,980,000
2022-2023	70,465,000	88,000,000	158,465,000
2023-2024	64,017,000	46,000,000	110,017,000
2024-2025	24,356,000	-	24,356,000
2025-2026	2,697,000	-	2,697,000
<b>Total</b>	<b>\$ 348,725,000</b>	<b>\$ 363,000,000</b>	<b>\$ 711,725,000</b>

### Anticipated Revenues

A proposed 18% rate increase is anticipated to generate an additional \$5,755,000 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 plans to issue bonds during FY2021 with \$107,598,000 designated for the sewer utility. This amount includes the planned issuances for both FY2020 and FY2021. Additional bonded debt of \$258,435,000 is anticipated from FY2022 to FY2025 to meet capital objectives, primarily the reconstruction of the WRF. It is anticipated that WIFIA loan proceeds of \$252,728,000 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 increase by \$52,742,008 or 32.99% to \$212,638,399 from the FY2020 amended budget. Bond issues and a federal loan are the largest components of the increase. The proposed budget for FY2021 by major category is as follows:

<b>Projected Sewer Revenues for FY 2020-21</b>					
<b>Revenue</b>	<b>Adopted Budget 2019-2020</b>	<b>Amended Budget 2019-2020</b>	<b>Proposed Budget 2020-2021</b>	<b>Difference</b>	<b>Percent Change</b>
Operating Sales	44,460,000	44,460,000	50,215,000	5,755,000	12.94%
Interest	604,000	604,000	992,301	388,301	64.29%
Permits	70,000	70,000	182,000	112,000	160.00%
Other Revenues	185,000	185,000	240,000	55,000	29.73%
Bond/ Note Proceeds	55,307,000	55,307,000	144,495,000	89,188,000	161.26%
Impact Fees	700,000	700,000	1,422,000	722,000	103.14%
Contribution	2,020,000	2,020,000	1,684,000	(336,000)	
From (To) Reserves	38,198,664	56,550,391	13,408,098	(43,142,293)	-76.29%
<b>Total</b>	<b>\$ 141,544,664</b>	<b>\$ 159,896,391</b>	<b>\$ 212,638,399</b>	<b>\$52,742,008</b>	<b>32.99%</b>

**Sewer service fees:** Sewer service fees are expected to increase \$5,755,000 or 12.94%. SLCDPU assumes that due to the COVID-19 pandemic, revenue from sewer sales could decrease by 5% from FY2020 sales. Therefore, the rate increase of 18% was applied to a sales base that is 5% less than FY2020. The proposed increase is approximately \$5.36 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 is required for the sewer utility to meet its capital and operations objectives

**Interest Income:** Interest earnings are expected to increase with the issuance of bonds.

**Permit Fees:** Increase of \$112,000 to reflect actual historical collections.

**Other Revenues:** Increase of \$55,000 to reflect actual historical collections.

**Impact Fees:** Historical collections indicate an increase of \$722,000 is anticipated.

**Bond / Note Proceeds:** A bond issue of \$51,285,000 is anticipated. The budget anticipates utilizing \$93,210,00 in WIFIA loan proceeds.

**Reserve Funds:** Reserve funds of \$13,408,098 will balance the sewer utility's capital and operational needs with FY2021 revenue. Budgeted use of reserve funds decreases \$43,142,293 from the FY2020 amended budget.

### **Proposed Expenditures**

The proposed sewer budget for FY2021 includes \$176,342,413 in planned projects. Of this amount \$135,444,913 is designated for the new WRF, \$4,034,000 for the existing plant, and \$36,753,500 for improvements to the sewer collections system. A portion of the sewer

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

The sewer utility's FY2021 budget proposes an increase of \$52,742,008 or 32.99% over the FY2020 amended budget. The proposed budget for FY2021 by major category is as follows:

Proposed Sewer Expenditures for FY 2020-21					
Major Expenditure Categories	Adopted Budget 2019-2020	Amended Budget 2019-2020	Proposed Budget 2019-2021	Difference	Percent Change
Personal Services	11,164,232	11,164,232	12,590,497	1,426,265	12.78%
Materials and Supplies	2,109,430	2,100,140	2,579,981	479,841	22.85%
Charges for Services	7,750,502	7,762,024	7,746,203	(15,821)	-0.20%
Debt Service	13,456,000	13,456,000	12,707,469	(748,531)	-5.56%
Capital Outlay	8,694,000	8,694,000	671,836	(8,022,164)	-92.27%
Capital Improvements	98,370,500	116,719,995	176,342,413	59,622,418	51.08%
<b>Total</b>	<b>\$ 141,544,664</b>	<b>\$ 159,896,391</b>	<b>\$ 212,638,399</b>	<b>\$ 52,742,008</b>	<b>32.99%</b>

Personal Services: Employee related costs are estimated to increase \$1,426,265 or 12.78%. The sewer utility budget anticipates an increase of 2 FTEs. The FY2021 budget includes a 4.5% increase in costs of health insurance.

Materials & Supplies: The sewer utility's budget for this category increased by \$479,841. This increase is attributed to laboratory supplies, building supplies, chemicals, and small tools and equipment. Temporary processes in place during construction require additional supplies.

Charges for Services: Decreases in professional and contractual services are largely offset by increases in IMS services and various administrative fees.

Debt Service: The annual debt service budget is expected to decrease by \$748,531 in FY2021. A payment of \$2,125,000 on a note payable is required during the year, a decrease of \$4,250,000 from FY2020. This decrease is offset by the required principal payment on the Series 2017 Bonds and payments on the Series 2020 Bonds.

Capital Outlay: The proposed capital outlay budget for FY2021 includes \$352,036 for vehicles and trucks, \$28,000 for field maintenance equipment, \$210,000 treatment plant equipment, \$75,300 for other non-motive equipment, and \$6,500 for office furniture and equipment.

Capital Improvements: The proposed capital improvement budget for FY2021 is \$176,342,413, an increase of \$59,622,418 over 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 2020-21**

Type of Project	Proposed Budget 2020-2021
WRF	139,478,913
Collection System	29,728,500
Lift Stations	7,035,000
Northwest Oil Drain	100,000
<b>Total 2020-2021 CIP</b>	<b>\$ 176,342,413</b>

## **Stormwater Utility Enterprise Fund**

### **Stormwater Infrastructure Background**

The City's stormwater system includes 350 miles of stormwater collection lines, 77 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. SLCDPU is also responsible for all city facilities meeting MS4 requirements.

A Drainage Master Plan was completed in 1993. The FY2021 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 FY2021**

#### **Anticipated Revenues**

A planned 10% rate increase will be deferred due to anticipated economic impacts of the COVID-19 pandemic. SLCDPU is planning rate increases between 10% and 15% in future years through FY2025 in order to maintain and rehabilitate infrastructure, and meet more stringent water quality requirements.

SLCDPU plans to issue bonds during FY2021 with \$14,581,000 designated for stormwater utility needs. This amount was accounted for in FY2020 and is primarily associated with stormwater collection system replacement in coordination with the City's streets bond. The anticipated timeline for the FY2020 bond issue may move the bond issuance to the FY2021 budget. Cash flows indicate additional bonding will be required in FY2022.

The revenue budget is proposed to decrease by \$6,235,759 or 25.77% from the FY2020 amended budget. The proposed revenue budget for FY2021 by major category is as follows:

**Projected Storm Revenues for FY 2020-21**

<b>Revenue</b>	<b>Adopted Budget 2019-2020</b>	<b>Amended Budget 2019-2020</b>	<b>Proposed Budget 2020-2021</b>	<b>Difference</b>	<b>Percent Change</b>
Operating Sales	9,740,500	9,740,500	9,740,500	-	0.00%
Interest	20,820	20,820	199,670	178,850	859.03%
Other Revenues	1,000	1,000	65,000	64,000	6400.00%
Impact Fees	200,000	200,000	389,000	189,000	94.50%
Contributions	516,000	516,000	352,000	(164,000)	-31.78%
Bond Proceeds	14,581,000	14,581,000	-	(14,581,000)	
From (To) Reserves	(3,108,803)	(861,701)	7,215,690	8,077,391	-937.38%
<b>Total</b>	<b>\$ 21,950,517</b>	<b>\$ 24,197,619</b>	<b>\$ 17,961,860</b>	<b>\$ (6,235,759)</b>	<b>-25.77%</b>

Operating Sales: Revenue is expected to remain at FY2020 budgeted levels.

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

Other Revenues: Increase of \$64,000 due to updating accounting over the last five years.

Impact Fees: Increase of \$189,000 based on historical collections.

Contributions: Decrease of \$164,000 based on historical collections.

Bond / Note Proceeds: A FY2021 bond issue is not anticipated.

Reserve Funds: Reserves of \$7,215,690 will be utilized for stormwater system improvements. These funds will come from bond proceeds.

### **Proposed Expenditures**

The stormwater utility's FY2021 budget proposes capitalizing \$7,943,000 to renovate portions of the stormwater collection system. The schedule for stormwater system improvements has been adjusted to perform work in conjunction with the general obligation bonded street repair projects. The FY2021 capital improvements budget includes continued funding for this cooperative work.

The expenditure budget for the stormwater utility is proposed to decrease \$6,235,759 or 25.77% from the FY2020 amended budget. The proposed budget for fiscal year FY2021 by major category is as follows:

Proposed Storm Expenditures for FY 2020-21					
Major Expenditure Categories	Adopted Budget 2019-2020	Amended Budget 2019-2020	Proposed Budget 2020-2021	Difference	Percent Change
Personal Services	3,187,954	3,187,954	3,628,930	440,976	13.83%
Materials and Supplies	200,950	195,900	228,808	32,908	16.80%
Charges for Services	3,783,464	4,788,514	4,315,421	(473,093)	-9.88%
Debt Service	1,306,000	1,306,000	1,463,701	157,701	12.08%
Capital Outlay	728,149	728,149	382,000	(346,149)	-47.54%
Capital Improvements	12,744,000	13,991,102	7,943,000	(6,048,102)	-43.23%
<b>Total</b>	<b>\$ 21,950,517</b>	<b>\$ 24,197,619</b>	<b>\$ 17,961,860</b>	<b>\$ (6,235,759)</b>	<b>-25.77%</b>

Personal Services: Employee related costs are estimated to increase \$440,976 or 13.83%. The stormwater utility budget anticipates an increase of 1.70 FTEs. The FY2021 budget includes a 4.5% increase in the cost of health insurance and various other benefits.

Materials and Supplies: The increase in this category is due to increases in chemicals, small tools and equipment, and a landscaping maintenance contract.

Charges for Services: The FY2020 amended budget included a \$1.0 million transfer to the general fund for a property purchase. This decrease is partially offset by increases in IMS costs and various administrative fees.

Debt Service: The budget increases by \$157,701 or 12.08% for payments required by the planned Series 2020—30 Year—Bond.

Capital Outlay: The proposed capital outlay budget for FY2021 includes \$375,000 for vehicles and \$7,000 for various categories of equipment.

Capital Improvements: The proposed capital improvement budget for FY2021 is \$7,943,000, a decrease of \$6,048,102 from the FY2021 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:

Type of Project		Proposed Budget 2020-2021
Lines and Riparian Corridor Projects		7,635,000
Lift Stations		50,000
Landscaping		118,000
Detention Basins		140,000
<b>Total 2020-2021 CIP</b>		<b>\$ 7,943,000</b>

## **Street Lighting Utility Enterprise Fund**

### **Street Lighting Infrastructure Background**

SLCDPU is currently updating the City's 2006 Street Lighting Master Plan in order to focus on community safety and aesthetic needs, particularly since updating lights and conversion of streetlights to energy efficient bulbs has changed the character of lighting in some neighborhoods.

Of the 15,662 lights that the City maintains, 8,796 lights or 56.1% are now considered to be energy efficient. SLCDPU is in the eighth year of a ten-year plan to convert all the lights to high energy efficiency lamps. The FY2021 budget funds continuing conversion to high efficiency lights. Ongoing conversions are anticipated in some neighborhoods once the Street Lighting Master Plan is completed to provide better guidelines related to lighting color and intensity.

## Street Lighting Utility Budget Highlights for FY2021

### Anticipated Revenues

No rate changes are proposed in the FY2021 budget or forecast in the immediate future. 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 FY2021 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 revenue budget is proposed to increase by \$510,296 from the FY2020 budget. The proposed budget for FY2021 by major category is as follows:

**Projected Street Lighting Revenues for FY 2020-21**

Revenue	Adopted Budget 2019-2020	Amended Budget 2019-2020	Proposed Budget 2020-2021	Difference	Percent Change
Operating Sales	4,198,227	4,198,227	4,224,298	26,071	0.62%
Interest	30,000	30,000	8,000	(22,000)	-73.33%
Other Revenues	9,000	9,000	34,500	25,500	283.33%
General Fund Contributions	20,000	20,000	20,000	-	0.00%
From (To) Reserves	534,050	612,174	1,092,899	480,725	78.53%
<b>Total</b>	<b>\$ 4,791,277</b>	<b>\$ 4,869,401</b>	<b>\$ 5,379,697</b>	<b>\$ 510,296</b>	<b>10.48%</b>

Operating Sales: Rate changes are not proposed thus this category is not expected to change significantly. The FY2021 budget is based on actual revenue sales from FY2019

Interest Income: Interest earnings are expected to decrease as reserve funds are utilized.

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

General Fund Contributions: No change. Public Utilities anticipates the general fund to continue contributing \$20,000 for private light options in FY2021.

Reserve Funds: The FY2021 budget anticipates using \$1,092,899 from the utility's reserve funds

## **Proposed Expenditures**

Street lighting capital improvements totaling \$2,240,000 are planned in the FY2021 budget. The Street Lighting Capital Program focuses on high efficiency and system upgrades in neighborhood, arterial and collector streets.

The expenditure budget for the street lighting utility is proposed to increase \$510,296 or 10.48% from the FY2020 amended budget. The proposed budget for FY2021 by major category is as follows:

**Proposed Street Lighting Expenditures for FY 2020-21**

Major Expenditure Categories	Adopted Budget 2019-2020	Amended Budget 2019-2020	Proposed Budget 2020-2021	Difference	Percent Change
Personal Services	281,575	281,575	224,167	(57,408)	-20.39%
Materials and Supplies	7,300	6,994	6,994	-	0.00%
Charges for Services	2,674,402	2,752,832	2,716,702	(36,130)	-1.31%
Debt Service	103,000	103,000	191,834	88,834	86.25%
Capital Improvements	1,725,000	1,725,000	2,240,000	515,000	29.86%
<b>Total</b>	<b>\$ 4,791,277</b>	<b>\$ 4,869,401</b>	<b>\$ 5,379,697</b>	<b>\$ 510,296</b>	<b>10.48%</b>

Personal Services: Employee related costs are estimated to decrease \$57,408 or 20.39%. The street lighting utility budget anticipates a decrease of allocation of one FTE. The FY2021 budget includes a 4.5% increase in the cost of employee insurance premiums.

Charges for Services: The proposed budget for charges and services decreases \$36,130 or 1.31% in FY2021 with a budgeted decrease in professional services off-set by an increase in administrative service costs.

Debt Service: In compliance with the outstanding bond, Series 2017 Bond, budgeted debt service payments will increase as principal repayment begins in FY2021.

Capital Equipment: No expenditures for capital equipment are planned.

Capital Improvements: The proposed capital improvement budget for FY2021 is \$2,240,000, an increase of \$515,000 from the FY2020 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 2020-21**

Type of Project	Proposed Budget 2020-2021
System upgrades for high efficiency and uniformity - Base Tiers 1-3	2,240,000
<b>Total 2020-2021 CIP</b>	<b>\$ 2,240,000.00</b>

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



Combined Rate Increase 0%	Combined Rate Increase 15%	Combined Rate Increase 27%
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21

**Cash reserve goal above 10%**

**PUBLIC UTILITIES**  
**COMBINED WATER, SEWER, STORMWATER, AND STREET LIGHTING CASH FLOW**  
**FY 2021 BUDGET AND FY 2022-2025 FORECAST**

	ACTUAL YEAR 2018-2019	PROJECTED YEAR 2019-2020	BUDGET YEAR 2020-2021	BUDGET YEAR 2021-2022	BUDGET YEAR 2022-2023	BUDGET YEAR 2023-2024	BUDGET YEAR 2024-2025
<b>REVENUE</b>							
WATER SALES	\$ 73,535,874	\$ 74,153,714	\$ 69,612,308	\$ 77,212,668	\$ 84,933,935	\$ 93,427,329	\$ 102,770,062
SEWER CHARGES	39,592,924	43,997,000	50,215,000	59,254,000	68,142,000	74,956,000	82,452,000
STORMWATER FEES	9,556,566	9,740,500	9,740,500	10,714,550	12,321,733	13,553,906	14,909,297
STREET LIGHTING FEES	4,295,249	4,295,249	4,224,298	4,224,298	4,224,298	4,660,687	5,315,270
TOTAL SERVICES FEES AND CHARGES	\$ 126,980,613	\$ 132,186,463	\$ 133,792,106	\$ 151,405,516	\$ 169,621,966	\$ 186,597,922	\$ 205,446,629
OTHER INCOME	\$ 4,718,256	\$ 3,359,794	\$ 5,276,517	\$ 5,276,517	\$ 5,276,517	\$ 5,276,517	\$ 5,276,517
INTEREST INCOME	3,917,893	2,046,253	1,915,867	1,266,921	1,175,241	1,196,691	1,173,361
TOTAL OPERATING INCOME	\$ 135,616,762	\$ 137,592,510	\$ 140,984,490	\$ 157,948,954	\$ 176,073,724	\$ 193,071,130	\$ 211,896,507
<b>OPERATING EXPENDITURES</b>							
OPERATING EXPENDITURES	\$ (82,619,458)	\$ (97,022,807)	\$ (105,839,232)	\$ (108,218,328)	\$ (111,157,554)	\$ (113,663,549)	\$ (116,232,992)
<b>NET INCOME EXCLUDING DEP.</b>	<b>\$ 52,997,304</b>	<b>\$ 40,569,703</b>	<b>\$ 35,145,258</b>	<b>\$ 49,730,626</b>	<b>\$ 64,916,170</b>	<b>\$ 79,407,581</b>	<b>\$ 95,663,515</b>
<b>OTHER INCOME &amp; EXPENSE</b>							
WIFIA LOAN	\$ -	\$ -	\$ 93,210,000	\$ 93,890,000	\$ 70,465,000	\$ 64,017,000	\$ 24,356,000
NET BOND PROCEEDS	-	104,500,000	93,000,000	155,125,000	117,000,000	61,000,000	22,000,000
BIC Borrowed	-	584,000	520,000	867,200	653,000	341,000	123,000
BIC Paid	-	(584,000)	(520,000)	(867,200)	(653,000)	(341,000)	(123,000)
IMPACT FEES	4,222,707	2,970,586	2,995,670	3,595,670	3,595,670	3,595,670	3,595,670
OTHER CONTRIBUTIONS	4,366,955	4,195,668	4,210,741	4,810,741	4,810,741	4,810,741	4,810,741
CAPITAL OUTLAY	(483,848)	(5,802,648)	(3,119,726)	(3,182,123)	(3,245,769)	(3,310,689)	(3,376,908)
WATERSHED PURCHASES	(1,369,375)	(1,500,000)	(1,650,000)	(1,650,000)	(1,650,000)	(1,650,000)	(1,650,000)
STATE LOAND DEBT SERVICE	-	(6,375,000)	(2,125,000)	-	-	-	-
SHORT TERM FINANCING DEBT SERVICE							
DEBT SERVICE	(8,327,058)	(9,362,707)	(10,854,278)	(10,852,871)	(10,850,096)	(9,610,009)	(8,632,297)
NEW DEBT SERVICE	-	-	(3,749,500)	(6,677,000)	(11,681,500)	(17,917,711)	(22,278,762)
<b>OTHER INCOME &amp; EXPENSE</b>	<b>\$ (1,590,619)</b>	<b>\$ 88,625,899</b>	<b>\$ 171,917,907</b>	<b>\$ 235,059,417</b>	<b>\$ 168,444,046</b>	<b>\$ 100,935,002</b>	<b>\$ 18,824,444</b>
<b>CAPITAL GENERATION</b>							
GENERATED FOR CAPITAL	\$ 51,406,685	\$ 129,195,602	\$ 207,063,165	\$ 284,790,043	\$ 233,360,216	\$ 180,342,583	\$ 114,487,959
<b>CAPITAL IMPROVEMENTS</b>							
CAPITAL IMPROVEMENTS	\$ (68,051,056)	\$ (180,866,004)	\$ (234,455,413)	\$ (262,044,826)	\$ (205,130,652)	\$ (194,237,748)	\$ (115,668,603)
<b>OPERATING CASH BALANCES</b>							
BEGINING CASH BALANCE	\$ 144,419,481	\$ 98,761,093	\$ 47,090,691	\$ 19,698,443	\$ 42,443,660	\$ 70,673,224	\$ 56,778,059
CASH INCREASE/(DECREASE)	(16,644,371)	(51,670,402)	(27,392,248)	22,745,217	28,229,564	(13,895,165)	(1,180,644)
RESTRICTED / DESIGNATED	(29,014,017)	-	-	-	-	-	-
<b>ENDING BALANCES</b>	<b>\$ 98,761,093</b>	<b>\$ 47,090,691</b>	<b>\$ 19,698,443</b>	<b>\$ 42,443,660</b>	<b>\$ 70,673,224</b>	<b>\$ 56,778,059</b>	<b>\$ 55,597,415</b>
<b>CASH RESERVE RATIO</b>	119.5%	48.5%	18.6%	39.2%	63.6%	50.0%	47.8%
<b>DEBT SERVICE COVERAGE</b>	6.36	2.58	2.10	2.84	2.88	2.88	3.09
<b>% CHANGE RESIDENTIAL UTILITY BILL*</b>		4.2%	3.8%	8.2%	11.2%	10.2%	10.3%
<b>DEBT SERVICE % OF GROSS OPERATING REVENUE</b>	6.1%	6.7%	10.4%	11.0%	12.7%	14.1%	14.5%
<b>RESIDENTIAL UTILITY BILL</b>	67.43	70.25	72.89	78.88	87.73	96.64	106.64

\* 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, 2019 ACTUALS WATER	JUNE 30, 2019 ACTUALS SEWER	JUNE 30, 2019 ACTUALS STORM	JUNE 30, 2019 ACTUALS STREET LIGHT	ACTUALS PUBLIC UTILITIES JUNE 30, 2019 TOTALS	FY 2019/2020 BUDGET	FY 2020/2021 PROPOSED BUDGET
<b>ADMINISTRATIVE SERVICE FEES (GENERAL FUND)</b>							
HUMAN RESOURCES	\$ 236,838	\$ 170,406	\$ 49,622	\$ 2,493	\$ 459,359	\$ 341,400	\$ 481,740
CITY ATTORNEY	161,744	37,721	10,859	1,715	212,039	190,810	222,370
ACCOUNTING/FINANCE	160,854	95,464	25,311	7,660	289,289	232,060	303,380
PURCHASING & CONTRACTS	71,358	65,375	10,056	2,813	149,602	112,090	156,890
CITY RECORDERS	67,996	20,944	11,894	3,254	104,088	68,610	109,160
PROPERTY MANAGEMENT	-	-	-	-	-	-	-
BUDGET AND POLICY	43,303	28,674	13,933	5,336	91,246	44,570	95,690
NON-DISCRETIONARY IMS COSTS	43,609	22,698	11,822	1,156	79,285	104,170	83,150
TREASURER'S OFFICE (CASH MGT.)	55,175	15,875	13,916	11,454	96,420	25,610	101,120
CITY COUNCIL	-	-	-	-	-	101,840	-
MAYOR	-	-	-	-	-	1,100	-
COMMUNITY AFFAIRS	1,045	193	193	193	1,624	2,740	1,700
TOTAL ADMINISTRATIVE FEES	\$ 841,922	\$ 457,350	\$ 147,606	\$ 36,074	\$ 1,482,952	\$ 1,225,000	\$ 1,555,200
<b>TAX OR FEE AUTHORIZED</b>							
PAYMENT IN LIEU-OF-TAXES (GENERAL FUND)	\$ 398,485	\$ 306,525	\$ 109,785	\$ -	\$ 814,795	\$ 989,596	\$ 1,319,188
FRANCHISE FEES (GENERAL FUND)	2,377,454	2,123,278	505,578	-	5,006,310	6,273,330	5,887,831
TOTAL TAX OR FEE AUTHORIZED	\$ 2,775,939	\$ 2,429,803	\$ 615,363	\$ -	\$ 5,821,105	\$ 7,262,926	\$ 7,207,019
<b>INTERNAL SERVICE FUND SERVICES</b>							
FLEET MGT. SERVICES	\$ 1,029,585	\$ 568,448	\$ 223,731	\$ -	\$ 1,821,764	\$ 2,047,140	\$ 2,008,050
CITY DATA PROCESSING (IMS)	912,977	381,234	294,929	1,117	1,590,257	1,177,794	2,503,000
TELEPHONE CHARGES	-	-	-	-	-	92,400	2,000
RISK MGT. ADMININSTRATIVE FEES (GOV. IMMUNITY)	111,519	44,317	3,048	-	158,884	206,550	222,250
RISK MANAGEMENT PREMIUMS & CHARGES	632,362	258,886	54,937	-	946,185	1,277,483	1,690,750
TOTAL INTERNAL SERVICE FUND SERVICES	\$ 2,686,442	\$ 1,252,885	\$ 576,645	\$ 1,117	\$ 4,517,090	\$ 4,801,367	\$ 6,426,050
<b>SPECIAL ASSOCIATED CHARGES (INDIRECT BENEFIT)</b>							
ONESOLUTION MAINTENANCE (NETWORK FINANCIAL SYSTEM)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 111,180	\$ 14,000
STREET SWEEPING	-	-	819,605	-	819,605	835,997	819,605
NEIGHBORHOOD CLEAN-UP	-	-	-	-	-	118,000	-
EMERGENCY MANAGEMENT	-	-	-	-	-	30,000	-
TOTAL SPECIAL ASSOCIATED CHARGES	\$ -	\$ -	\$ 819,605	\$ -	\$ 819,605	\$ 1,095,177	\$ 833,605
<b>TOTAL FEES, TAXES AND CHARGES</b>	<b>\$ 6,304,303</b>	<b>\$ 4,140,039</b>	<b>\$ 2,159,219</b>	<b>\$ 37,191</b>	<b>\$ 12,640,752</b>	<b>\$ 14,384,470</b>	<b>\$ 16,021,874</b>

**Public Utilities Proposed Consulting Studies for FY 2020-2021**

Division	Cost Center	Study or Project Description	Lighting	Water	Sewer	Storm	Total
Administration	5100200	Special Consultant - Well Study - Water Resources		20,000			20,000
Administration	5103000	Special Consultant - 5 Year Emergency Preparedness Plan		12,000			12,000
Administration	5103300	Process Improvement split 50:50 with Development Review		50,000			50,000
Administration	5100200	Special Consultant - University of Utah Climate Study		175,000			175,000
Administration	5103600	Water Loss Study		125,000			125,000
Administration	5103600	Reevaluate Irrigation-Only Budgets - with USU		5,000			5,000
Administration	5103600	Golf Course Turf Study. Partnership with USU and USDA.		25,000			25,000
Engineering	5310300	Jacobs Program Support				75,000	75,000
Engineering	4848000	Misc Needs	90,000				90,000
Engineering	5101300	AMP for Storage Reservoirs		135,000			135,000
Engineering	5210400	Jacobs Program Support			350,000		350,000
Engineering	5310300	Storm Water Master Plan				700,000	700,000
Engineering	5101300	Jacobs Program Support		400,000			400,000
Engineering	5101300	Water Master Plan		500,000			500,000
Engineering	5101300	Big Cottonwood Treatment Plant - feasibility and alternatives analysis study		500,000			500,000
Finance	5310500	Energy Retro-Commissioning Study				35,000	35,000
Finance	5211700	Energy Retro-Commissioning Study			55,000		55,000
Finance	5103200	Special Consultant - Administrative needs		500,000			500,000
GIS	5101600	Special Consultant - Water Data Tracking software		37,500			37,500
Maintenance	5100100	Material removal		60,000			60,000
Maintenance	5100100	Geotech Consultants		50,000			50,000
Maintenance	5100300	Consultants - Wells		100,000			100,000
Reclamation	5211300	Wasatch Front Water Quality Council (WFWQC)			150,000		150,000
Water Quality	5101800	Utah State University Canal Analysis		33,600			33,600
Water Quality	5101800	Water Quality Analysis-Variou		35,000			35,000
Water Quality	5100600	Misc Needs - Watershed		10,000			10,000
Water Quality	5100600	PR Campaign-Continuous work		65,000			65,000
Water Quality	5100600	Watershed Management Plan		20,000			20,000
Water Quality	5310700	Stormwater SAW QA/QC				10,000	10,000
Water Quality	5310700	Various regulatory reports - permit compliance Stormwater				10,000	10,000
Water Quality	5100600	PMAA Remediation and Restoration Design		100,000			100,000
Water Quality	5101800	Lead and Copper Rule Revision-LSL Identification Study/develop program		250,000			250,000
Water Quality	5310700	IWM-Plan and Planning Documents				237,000	237,000
Water Quality	5310700	IWM-Stakeholder/Public Engagement				12,500	12,500
			90,000	3,208,100	555,000	1,079,500	4,932,600

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

**WATER UTILITY BUDGET SUMMARY  
FY 2021-23**

Rate Increase  
0%      Rate Increase  
5%      Rate Increase  
10%

SOURCES	ACTUAL	AMENDED	PROJECTED	PROPOSED	FORECAST	FORECAST
	2018-19	BUDGET	ACTUAL	BUDGET	BUDGET	BUDGET
		2019-20	2019-20	2020-21	2021-22	2022-23
<b>REVENUE &amp; OTHER SOURCES</b>						
<b>REVENUES</b>						
METERED SALES	\$ 73,535,874	\$ 75,731,453	\$ 74,153,714	\$ 69,612,308	\$ 77,212,668	\$ 84,933,935
INTEREST INCOME	1,424,203	229,000	875,751	715,896	184,530	165,000
OTHER REVENUES	4,181,827	3,063,157	3,063,157	4,798,858	4,798,858	4,798,858
TOTAL REVENUES	\$ 79,141,904	\$ 79,023,610	\$ 78,092,622	\$ 75,127,062	\$ 82,196,056	\$ 89,897,793
<b>OTHER SOURCES</b>						
GRANTS & OTHER RELATED REVENUES	\$ 3,263,876	\$ 1,205,000	\$ 1,569,668	\$ 1,975,640	\$ 2,575,640	\$ 2,575,640
IMPACT FEES	2,132,658	1,000,000	1,490,156	1,184,670	1,784,670	1,784,670
OTHER SOURCES	447,562	50,000	50,000	135,260	135,260	135,260
BOND PROCEEDS	-	35,196,000	35,196,000	42,235,000	26,146,000	29,162,000
TOTAL OTHER SOURCES	\$ 5,844,096	\$ 37,451,000	\$ 38,305,824	\$ 45,530,570	\$ 30,641,570	\$ 33,657,570
<b>TOTAL REVENUE &amp; SOURCES</b>	<b>\$ 84,986,000</b>	<b>\$ 116,474,610</b>	<b>\$ 116,398,446</b>	<b>\$ 120,657,632</b>	<b>\$ 112,837,626</b>	<b>\$ 123,555,363</b>
<b>EXPENSES &amp; OTHER USES</b>						
<b>EXPENDITURES</b>						
PERSONNEL SERVICES	\$ 20,812,976	\$ 23,387,302	\$ 21,865,356	\$ 25,518,196	\$ 26,283,742	\$ 27,072,254
OPERATING & MAINTENANCE	3,374,411	4,404,945	4,404,945	4,789,775	4,885,570	4,983,282
TRAVEL & TRAINING	50,996	167,083	167,083	179,100	182,683	186,337
UTILITIES	1,985,208	2,825,415	2,825,415	2,845,999	2,902,919	2,960,978
TECHNICAL SERVICES	4,062,630	7,574,867	7,574,867	8,714,682	8,888,976	9,066,756
DATA PROCESSING	1,329,675	1,145,147	1,145,147	1,734,753	1,769,448	1,804,836
FLEET MAINTENANCE	1,069,332	1,250,000	1,250,000	1,250,500	1,275,510	1,301,020
ADMINISTRATIVE SERVICE FEE	841,922	800,000	800,000	867,200	884,544	902,235
PAYMENT IN LIEU OF TAXES	475,879	365,000	365,000	385,780	393,496	401,366
METRO. WATER PURCH & TREAT	15,994,824	16,474,663	16,474,663	16,474,663	16,804,156	17,140,239
METRO ASSESSMENT (CAPITAL)	7,021,892	7,021,892	7,021,892	7,866,115	7,866,115	7,866,115
RISK MANAGEMENT	2,455,678	1,123,187	1,123,187	1,444,950	1,473,849	1,503,326
TRANSFERS TO GENERAL FUND	-	85,000	85,000	10,000	10,200	10,404
OTHER CHARGES AND SERVICES	(885,863)	(319,913)	(319,913)	(280,184)	(285,788)	(291,504)
TOTAL EXPENDITURES	\$ 58,589,560	\$ 66,304,588	\$ 64,782,642	\$ 71,801,529	\$ 73,335,420	\$ 74,907,644
<b>OTHER USES</b>						
CAPITAL OUTLAY	\$ 4,494,516	\$ 2,922,563	\$ 2,509,447	\$ 3,715,890	\$ 3,757,210	\$ 3,799,360
CAPITAL IMPROVEMENT BUDGET	23,253,511	73,370,656	53,033,437	47,930,000	31,278,000	31,306,400
COST OF DEBT ISSUANCE	-	196,000	196,000	235,000	146,000	162,000
DEBT SERVICES	1,128,300	1,585,000	1,108,995	2,650,774	3,911,173	4,912,500
TOTAL OTHER USES	\$ 28,876,327	\$ 78,074,219	\$ 56,847,879	\$ 54,531,664	\$ 39,092,383	\$ 40,180,260
<b>TOTAL EXPENSE &amp; OTHER USES</b>	<b>\$ 87,465,887</b>	<b>\$ 144,378,807</b>	<b>\$ 121,630,521</b>	<b>\$ 126,333,193</b>	<b>\$ 112,427,803</b>	<b>\$ 115,087,904</b>
<b>EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES</b>						
	(\$2,479,887)	(\$27,904,197)	(\$5,232,075)	(\$5,675,561)	\$409,823	\$8,467,459
<b>OPERATING CASH BALANCES</b>						
BEGINNING JULY 1	\$ 45,793,663	\$ 23,684,887	\$ 23,684,887	\$ 18,452,812	\$ 12,777,251	\$ 13,187,074
RESTRICTED / DESIGNATED	\$ (19,628,889)	\$ -	\$ -	\$ -	\$ -	\$ -
AVAILABLE JUNE 30	\$ 23,684,887	\$ (4,219,310)	\$ 18,452,812	\$ 12,777,251	\$ 13,187,074	\$ 21,654,533
Cash Reserve Ratio	40%	-6%	28%	18%	18%	29%
<b>Cash reserve goal above 10%</b>						

**WATER UTILITY CASH FLOW**  
**FY 2021 BUDGET / FY 2022-2025 FORECAST**

	ACTUAL YEAR 2018-2019	PROJECTED YEAR 2019-2020	BUDGET YEAR 2020-2021	BUDGET YEAR 2021-2022	BUDGET YEAR 2022-2023	BUDGET YEAR 2023-2024	BUDGET YEAR 2024-2025
<b>REVENUE</b>							
WATER SALES	\$ 73,535,874	\$ 74,153,714	\$ 69,612,308	\$ 77,212,668	\$ 84,933,935	\$ 93,427,329	\$ 102,770,062
OTHER INCOME	4,181,827	3,063,157	4,798,858	4,798,858	4,798,858	4,798,858	4,798,858
INTEREST INCOME	1,424,203	875,751	715,896	184,530	165,000	165,000	165,000
OPERATING INCOME	\$ 79,141,904	\$ 78,092,622	\$ 75,127,062	\$ 82,196,056	\$ 89,897,793	\$ 98,391,187	\$ 107,733,920
<b>OPERATING EXPENDITURES</b>							
METROPOLITAN WATER ASSESSMENT	\$ (7,021,892)	\$ (7,021,892)	\$ (7,866,115)	\$ (7,866,115)	\$ (7,866,115)	\$ (7,866,115)	\$ (7,866,115)
METROPOLITAN WATER PURCHASES	(15,994,824)	(16,474,663)	(16,474,663)	(16,804,156)	(17,140,239)	(17,483,044)	(17,832,705)
OPERATING EXPENDITURES	(35,572,844)	(41,286,087)	(47,460,751)	(49,776,742)	(51,045,885)	(52,348,622)	(53,685,868)
TOTAL OPERATING EXPENSES	\$ (58,589,560)	\$ (64,782,642)	\$ (71,801,529)	\$ (74,447,013)	\$ (76,052,239)	\$ (77,697,781)	\$ (79,384,688)
<b>NET INCOME EXCLUDING DEP.</b>	\$ 20,552,344	\$ 13,309,980	\$ 3,325,533	\$ 7,749,043	\$ 13,845,554	\$ 20,693,406	\$ 28,349,232
<b>OTHER INCOME &amp; EXPENSE</b>							
NET BOND PROCEEDS	\$ -	\$ 35,000,000	\$ 42,000,000	\$ 26,000,000	\$ 29,000,000	\$ 15,000,000	\$ 22,000,000
BIC Borrowed	-	196,000	235,000	146,000	162,000	84,000	123,000
BIC Paid	-	(196,000)	(235,000)	(146,000)	(162,000)	(84,000)	(123,000)
SHORT TERM FINANCING	-	-	-	-	-	-	-
IMPACT FEES	2,312,658	1,490,156	1,184,670	1,784,670	1,784,670	1,784,670	1,784,670
OTHER CONTRIBUTIONS	3,531,438	1,619,668	2,110,900	2,710,900	2,710,900	2,710,900	2,710,900
CAPITAL OUTLAY	1,128,300	(1,009,447)	(2,065,890)	(2,107,210)	(2,149,360)	(2,192,350)	(2,236,200)
WATERSHED AND WATER RIGHTS PURCHASES	(1,369,375)	(1,500,000)	(1,650,000)	(1,650,000)	(1,650,000)	(1,650,000)	(1,650,000)
DEBT SERVICE	(1,128,300)	(1,108,995)	(1,086,774)	(1,090,173)	(1,088,500)	(632,917)	-
NEW DEBT SERVICE	-	-	(1,564,000)	(2,821,000)	(3,824,000)	(5,618,000)	(7,304,000)
<b>OTHER INCOME &amp; EXPENSE</b>	\$ 4,474,721	\$ 34,491,382	\$ 38,928,906	\$ 22,827,187	\$ 24,783,710	\$ 9,402,303	\$ 15,305,370
<b>CAPITAL GENERATION</b>							
GENERATED FOR CAPITAL	\$ 25,027,065	\$ 47,801,362	\$ 42,254,439	\$ 30,576,230	\$ 38,629,264	\$ 30,095,709	\$ 43,654,602
<b>CAPITAL IMPROVEMENTS</b>							
CAPITAL IMPROVEMENTS	\$ (27,506,952)	\$ (53,033,437)	\$ (47,930,000)	\$ (31,278,000)	\$ (31,306,400)	\$ (30,479,000)	\$ (31,301,000)
<b>OPERATING CASH BALANCES</b>							
BEGINING CASH BALANCE	\$ 45,793,663	\$ 23,684,887	\$ 18,452,812	\$ 12,777,251	\$ 12,075,481	\$ 19,398,345	\$ 19,015,054
CASH INCREASE/(DECREASE)	(2,479,887)	(5,232,075)	(5,675,561)	(701,770)	7,322,864	(383,291)	12,353,602
RESTRICTED / DESIGNATED	(19,628,889)	-	-	-	-	-	-
<b>ENDING CASH AVAILABLE</b>	\$ 23,684,887	\$ 18,452,812	\$ 12,777,251	\$ 12,075,481	\$ 19,398,345	\$ 19,015,054	\$ 31,368,656
<b>DEBT SERVICE COVERAGE</b>	<b>18.22</b>	<b>12.00</b>	<b>1.25</b>	<b>1.98</b>	<b>2.82</b>	<b>3.31</b>	<b>3.88</b>
<b>RATE CHANGE</b>	<b>4%</b>	<b>5%</b>	<b>0%</b>	<b>5%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>
<b>Cash Reserve Ratio (Total Cash)</b>	<b>40%</b>	<b>28%</b>	<b>18%</b>	<b>16%</b>	<b>26%</b>	<b>24%</b>	<b>40%</b>
DEBT SERVICE % OF GROSS OPERATING REVENUE	1%	1%	3%	5%	5%	6%	7%
MONTHLY RESIDENTIAL BILL (255 ccf annually/12 mos.)	46.60	46.41	46.41	48.74	53.62	58.99	64.89

**WATER UTILITY CIP BUDGET**  
**Five Year Projected Budget FY2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	BUDGET YEAR 2020-21	2021-22	2022-23	2023-24	2024-2025	DELAYED
51-01301-	2720.10		<b><u>MAINTENANCE &amp; REPAIR SHOPS</u></b>								
01401		2015-0460	DISTRIBUTION AND ELECTRICAL BARN	4	4						850,000
			CAMPUS	5	5						25,000,000
03201	512185		FUEL PUMP AWNINGS	5	0						250,000
						\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,100,000
						-	-	-	-		
51-01301-	2720.30		<b><u>TREATMENT PLANTS</u></b>								
			<b>CITY CREEK</b>								
00701	512260079	2017-2043	TREATMENT PLANT UPGRADES	5	5	600,000	1,500,000	1,500,000			
00701		2019-1001	CITY CREEK WTP UPGRADES - PHASE 2	5	3					2,000,000	40,000,000
00701		512260081	SCADA SYSTEM UPGRADES			1,250,000					
00701			CITY CREEK FILTER MEDIA REPLACEMENT			2,500,000					
00701			GREY WATER LINE ALONG CREEKSIDE			50,000					
						\$ 4,400,000	\$ 1,500,000	\$ 1,500,000	\$ -	\$ 2,000,000	\$ 40,000,000
									-		
			<b>PARLEY'S</b>								
00801	5124500680		PLANT DESIGN AND UPGRADES PKG 2			1,600,000	2,500,000				
00801	512450069	2015-0594	BACK-UP WATER SUPPLY FOR HIGH PRESSURE TANK	5	3						
00801	512450068	2015-0701	PLANT DESIGN AND UPGRADES PKG 3 (FUTURE)	5	4						
00801	5124532		REPLACEMENT OF CHEMICAL FEED PUMPS PARLEY'S CANYON								
00801	5124526	2015-0455	INFLUENT CONTROL BOX	4	3						
00801	512450066	2016-0867	ROOF REPLACEMENT	4	5						
00801	512450067	2016-0874	REBUILD/REPLACE FLOC-SED BASIN VENTILATION SYSTEM	2	5						
00801		2015-0450	PRECURSOR - TASTE AND ODOR CONTROL	3	3						
00801	5124504	2015-0449	SLUDGE BEDS - PIPING AND VALVES	2	3						
00801		2015-0197	ELECTRICAL CONDUITS/PAVING TO BLOW-OFF BOX/ASPHALT EAST	3	3						
00801		2015-0204	REPLACE FLOCCULATORS	4	4						
00801		2017-2005	PROCESS UPGRADES (FROM SED BASIN PREDESIGN)	1	0						
00801		2017-2006	VERTICAL FLOCCULATOR INSTALLATION	5	3						
00801		2018-1037	PARLEYS DIVERSION SCREEN PROJECT	4	0			2,000,000			
00801		2018-1095	PARLEYS FINISHED WATER RESERVOIR	3	0						20,000,000
00801		2018-1094	NEW PARLEYS WATER TREATMENT PLANT	5	4						136,500,000
00801			PARLEYS ACCESS CONTROL			500,000					
						\$ 2,100,000	\$ 2,500,000	\$ 2,000,000	\$ -	\$ -	\$ 156,500,000
									-		
			<b>BIG COTTONWOOD</b>								
00901			BIG COTTONWOOD WTP REBUILD- DESIGN	5	4						11,000,000
00901			BIG COTTONWOOD WTP REBUILD - ALTERNATIVES ANALYSIS	4	4	550,000					
00901			BIG COTTONWOOD WTP REBUILD	5	4						145,000,000
						\$ 550,000	\$ -	\$ -	\$ -	\$ -	\$ 156,000,000



**WATER UTILITY CIP BUDGET**  
**Five Year Projected Budget FY2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	BUDGET YEAR 2020-21	2021-22	2022-23	2023-24	2024-2025	DELAYED
									-		
			<b>TOTAL TREATMENT PLANTS</b>			\$ 7,050,000	\$ 4,000,000	\$ 3,500,000	\$ -	\$ 2,000,000	\$ 352,500,000
									-		
51-01301-	2720.35		<b>PUMPING PLANTS AND PUMP HOUSES</b>								
01301	513416331		EAST BENCH PUMP STATION - FULL BACKUP POWER	5	5	80,000					
01301		2019-1178	CANYON COVE ROOF REPLACEMENT								
01301		2016-1174	5TH AVE AND U ST PUMP STATION BACKUP POWER	5	5						
01301	513416364	2016-1282	BONNEVILLE AND EAST BENCH PUMP STATION - PUMP UPGRADES	5	5						
01301	513416365	2015-0514	NORTH BENCH PUMP STATION ROOF	4	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						
01301			3900 SOUTH PUMP STATION PHASE 2 - 3900 SOUTH PUMP STATION & EDWARDS DRIVE				4,000,000				
01301			3900 SOUTH PUMP STATION PHASE 3 - SUPPLY AND HIGH PRESSURE PIPELINES					6,000,000			
01301			3900 SOUTH PUMP STATION PHASE 4 - PUMP STATION CONNECTIONS						1,500,000		
01301	513416366	2015-0531	GOLDEN HILLS PUMP STATION	3	5						
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			550,000			
01301		2016-0937	ENSIGN DOWNS PS VFD	3	3		20,000				
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				400,000
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

**WATER UTILITY CIP BUDGET**  
**Five Year Projected Budget FY2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	BUDGET YEAR 2020-21	2021-22	2022-23	2023-24	2024-2025	DELAYED
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						
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 PURCHA	4	0						500,000
01301		2015-0173	4500 SOUTH PUMP STATION (BACK UP)	5	0						1,500,000
						\$ 80,000	\$ 5,820,000	\$ 6,550,000	\$ 3,100,000	\$ 2,705,000	\$ 7,535,000
51-01301-	2730.02		<b>CULVERTS FLUMES &amp; BRIDGES</b>								
01301	5129264		JSL CANAL CONDUIT REPLACEMENT - SUGARHOUSE	5	5	1,300,000					
01301	513000045	2016-1166	SUGARHOUSE WELL SPLASH PAD	5	5						150,000
01301	512900272	2015-0432	VARIOUS CANAL IMPROVEMENTS	5	5	25,000	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						
01301	513000034	2016-0858	FLUME FROM DOUBLE BARRELS TO RAILROAD TRACKS	4	4		1,700,000	1,500,000			
01301	5129246	2015-0158	REPLACE FLUME/AUTO DUMP AND JSL CANAL ENCLOSURE @ MILLCREEK	4	4						
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						
01301		2016-1167	6200 SOUTH LIFT STATION WEIR PROTECTION	3	5						
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
01301		2015-0168	IMPROVEMENTS TO JSL DUMP AT I-80	3	3					11,000	
01301	5129235	2015-0606	JSL 4500 SOUTH TO OSAGE ORANGE DRIVE - CANAL BANK HYDRAULICS	3	3			20,000			
01301	5129249	2015-0149	NEW IRRIGATION CONDUIT ON HARVARD AVENUE	4	0		50,000		402,000		
01301	513000038	2016-0865	OIL SEPARATORS AND DRAINAGE SYSTEM FOR THE ARTESIAN SHOP	4	0						1,300,000
01301		2016-1165	LOW FLOW CHANNEL AT SPENCER'S POND ( BIG COTTONWOOD CREEK)	4	0				300,000		
01301		2016-1284	1100 EAST DIVERSION STRUCTURE AT WILLINGTON	4	0					50,000	
01301	5129232	2015-0602	JSL CANAL - MODIFY BIG SPILL TO HANDLE TEMPORARY PUMP	2	2				82,000		
01301		2016-1287	STUDY ON WELLS AT WALKER LANE AND FOUNTAIN BEAU	1	3						1,000,000
01301		2016-0749	J&SL DIVERSION STRUCTURE AT 2700 SOUTH	2	0					350,000	
01301		2016-1286	3000 EAST WELL FOR WATER DELIVERIES	2	0						2,000,000
01301	5129242	2015-0153	PIPING DITCH ON JSL, OSAGE ORANGE AVENUE TO LINCOLN LANE	1	0					175,000	
01301		2015-0160	DESPAIN IRRIGATION SYSTEM IMPROVEMENTS	3	3						17,000
01301		2015-0603	JSL CANAL/JORDAN RIVER STABILIZATION AT EAST JORDAN DUMP	4	4						406,000
01301		2018-1019	14600 SO. CANAL OVER FLOW STRUTURE	3	3						500,000
01301		2018-1080	3900SO STORM DRAIN OVER FLOW	2	4						300,000
01301		2018-1082	LITTLE TANNER PIPE PROJECT	2	0						50,000
			REHABILITATION/REPLACEMENT OF JSL IN CITY LIMITS				50,000	50,000	50,000		
						\$ 1,325,000	\$ 1,883,000	\$ 1,685,000	\$ 1,189,000	\$ 631,000	\$ 6,720,000

**WATER UTILITY CIP BUDGET**  
**Five Year Projected Budget FY2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	BUDGET YEAR 2020-21	2021-22	2022-23	2023-24	2024-2025	DELAYED
<u>51-01301-</u>	<u>2730.04</u>		<b>DEEP PUMP WELLS</b>								
01301		2019-1184	BRINTON SPRINGS WELL IMPROVEMENTS				400,000				
01301		2019-1185	EDGEWOOD WELL IMPROVEMENTS				400,000				
01301		2019-1186	ELLISON WELL IMPROVEMENTS					400,000			
		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	
			DESIGN FOR NEW WELL SOURCE								250,000
01301	5132268	2015-0213	MP3.4 - 4TH AVENUE WELL ELECTRICAL IMPROVEMENTS	5	5	3,000,000					
01301	5132269	2015-0212	MP3.4 - 4TH AVENUE WELL/BRICK TANK IMPROVEMENTS	5	5						
01301	51322336	2015-0171	WELL TREATMENT PROJECT - 1500 EAST WELL	4	4						100,000
01301		2016-0820	DYERS INN	4	4		550,000				
01301		2017-2071	DYER'S INN WELL FLUSH LINE	4	4		100,000				
01301		2016-0911	1300 E WELL CHLORINATION	3	4						400,000
01301		2015-0408	1300 EAST WELL FLUSH LINE	2	2		95,000				
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	513223419		MT OLIVET IRRIGATION FEASIBILITY STUDY								
01301		2018-1038	4TH AVENUE WELL INSPECTION	4	2						40,000
01301		2018-1091	VAN WINKLE PROPERTY FENCE	1	5				20,000		
						\$ 3,000,000	\$ 1,545,000	\$ 1,100,000	\$ 320,000	\$ 300,000	\$ 15,600,000
<u>51-01301-</u>	<u>2730.06</u>		<b>STORAGE RESERVOIRS</b>								
01301	5134506	2017-1290	MOUNTAIN DELL RESERVOIR SEDIMENT SAMPLING AND BASIN PRE DESIGN	5	4						
01301	5134510		PARLEY'S DIVERSION STRUCTURE - IMPROVE BOOM DEPLOYMENT LOCATION	5	3						
01301	5134476		CHEVRON OIL SPILL PROTECTION PROJECT								
01301	5134458	2015-0155	REHABILITATION OF MOUNTAIN DELL DAM	5	4	1,700,000					
01301	5134455	2015-0167	RED PINE DAM REHABILITATION	5	4	20,000					484,000
01301	5134467	2015-0154	MOUNTAIN DELL RESERVOIR - BYPASS PIPE LITTLE DELL TO PARLEY'S	5	0						
01301	512450071	2017-2094	NEW ACTUATORS FOR THE PARLEYS CREEK DIVERSION STRUCTURE	5	0						
01301	5134468	2015-0607	LITTLE DELL RESTORE PARLEY'S DIVERSION EXTERIOR COATING	4	4						
01301	5124512	2015-0209	REPLACE VALVES ON MT. DELL DAM	4	4	750,000					320,000
01301	512700001	2017-2080	REABILITATION OF THE LAKE MARY GAUGE	3	5						
01301	512700005	2016-1272	CECRET DAM REHABILITATION - DESIGN	4	3						2,000,000
01301	512700002	2017-2082	REPAIRS TO TWIN LAKES DAM GAUGE	3	4						
01301	512700003	2017-2079	REPAIRS AND IMPROVEMENTS TO RED BUTTTE DAM ROAD	3	4						
01301	5134478	2015-0164	LITTLE DELL DAM - INSTALL NEW DRAINS ON THE PORTAL	3	3		30,000				27,000
01301		2016-1278	SECURITY CAMERAS AT LITTLE DELL	3	3						50,000
01301	5134457	2015-0166	NEW STAFF GAGE AT LITTLE DELL DAM	3	3						153,000
01301	5124509	2015-0451	STAIRS MT DELL DAM	2	3						75,000

**WATER UTILITY CIP BUDGET**  
**Five Year Projected Budget FY2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	BUDGET YEAR 2020-21	2021-22	2022-23	2023-24	2024-2025	DELAYED
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	512700006		LITTLE DELL PENSTOCK: PHASE 2								
01301		2018-1034	SPILL PROTECTION PROJECT - I-80 AT LAMB'S CANYON	5	0						240,000
01301		2018-1100	LAKE MARY DAM CREST REHABILITATION	5	5			90,000			100,000
01301		2018-1101	TWIN LAKES DAM GAUGE RELOCATION	3	4				50,000		20,000
01301		2018-1102	TWIN LAKE AND LAKE MARY OUTLET CHANNEL IMPROVEMENTS	5	5		50,000			100,000	
01301		2018-1103	PARLEYS CANYON CONDUIT AND FIBER INSTALLATION	4	0						100,000
01301		2018-1104	TWIN LAKES DAM DRAIN CLEANOUT INSTALLATION	4	5						40,000
01301		2018-1105	TWIN LAKES AND LAKE MARY LOG BOOMS	3	5						10,000
01301		2018-1106	MOUNTAIN DELL DAM SPILLWAY REHABILITATION	5	4			600,000	500,000		
01301		2018-1107	LITTLE DELL DAM RODENT ERADICATION	4	4						30,000
01301		2018-1108	LITTLE DELL DAM STAFF GAUGE	3	0						175,000
01301		2018-1109	CECRET LAKE FLOW METER AND TELEMETRY	4	0						60,000
01301		2020-1007/8	LITTLE DELL PENSTOCK AND DIVERSION WINTERIZATION				150,000				
						\$ 2,470,000	\$ 80,000	\$ 690,000	\$ 550,000	\$ 100,000	\$ 5,004,000
							-	-	-		
<u>51-01301-</u>	<u>2730.07</u>		<u>DISTRIBUTION RESERVOIRS</u>								
01301	513444163	2017-2060	NEFF'S TANK OVERFLOW DRAIN	5	5						
01301	513444164	2017-2067	MARCUS RESERVOIR TANK UPGRADES	5	5						1,000,000
01301	513444161	2017-2074	EASTWOOD NORTH - INTERIOR COATING	5	5						
01301	513444162	2015-0527	FERGUSON TANK UPGRADE	5	5						
01301	513444166	2015-0573	AM - TANK AND RESERVOIR INSPECTIONS AND REPAIRS	5	5	100,000	100,000	100,000	100,000	100,000	100,000
01301	513444165	2015-0409	MOUNT OLYMPUS TANKS DRAIN/OVERFLOW STRUCTURE	5	4						
01301	5134507	2016-1171	FORT DOUGLAS IMPROVEMENTS/EXPANSION	5	4	5,250,000					
01301	513444159	2015-0174	MILITARY RESERVOIR REPAIR	5	3						11,020,000
01301		2015-0406	EMIGRATION TUNNEL POWER	4	4						45,000
01301	513444168	2017-2111	TANNER RESERVOIR ROOF REPLACEMENT/FULL REPLACEMENT	4	4		400,000				
			TANNER RESERVOIR CAPACITY STUDY					50,000			
01301		2015-0719	DISTRIBUTION TANK AND RESERVOIR PAVING	4	4		80,000	80,000	80,000	80,000	
01301		2016-0753	BASKIN OVERFLOW/DRAIN GOOSENECK BOX	4	4		100,000				
01301		2017-2061	TETON TANKS SLOPE STABILIZATION	4	3		50,000				
01301		2015-0525	PERRY HOLLOW TANK	2	5		1,250,000				
01301	5134471	2015-0459	TANK PAINTING AND CORROSION CONTROL	3	3		50,000	100,000	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	513444167	2017-2121	TELFORD RESERVOIR SAFETY IMPROVEMENTS	1	2						
01301		2015-0528	NEFFS CANYON TANK	1	3						55,000
01301		2015-0529	EMIGRATION TANK UPGRADES	1	2						60,000

**WATER UTILITY CIP BUDGET**  
**Five Year Projected Budget FY2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	BUDGET YEAR 2020-21	2021-22	2022-23	2023-24	2024-2025	DELAYED
01301		2015-0530	TETON TANK UPGRADES	1	2		50,000				35,000
01301		2015-0458	MISCELLANEOUS REPAIRS	3	2		50,000				
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			
01301		2017-2118	GRANITE OAKS ACCESS ROAD	1	4			100,000			
01301		2018-1023	BASKIN RESERVOIR EFFLUENT PIPE	4	4		500,000				
01301		2018-1024	BASKIN ROOF REPLACEMENT	5	5	50,000					
01301		2018-1026	TANK AND RESERVOIR FALL PROTECTION SYSTEMS	5	0						
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		
			MCINITIRE RESERVOIR STRUCTURAL ASSESSMENT						50,000		
01301		2018-1092	FENCE 300 EAST GORDON LANE	1	4			5,000			
						\$ 5,400,000	\$ 2,830,000	\$ 535,000	\$ 475,000	\$ 280,000	\$ 13,287,000
<u>51-01301-</u>	<u>2730.08</u>		<b>DISTRIBUTION MAINS &amp; HYDRANTS</b>								
			<b>CITY, COUNTY, STATE AND MISC. DRIVEN PROJECTS</b>								
01301	513505272	2016-1233	WATER MAIN REPLACEMENT - 900 SOUTH	5	5						
01301	513505273	2016-0744	1300 EAST - WATER LINE	3	4						
01301	513505312	2015-0431	CITY/COUNTY/STATE DRIVEN PROJECTS	5	5		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	513505308	2015-0398	UPPER CONDUIT METER REPLACEMENT	4	5						
01301	513600097	2017-2014	MOTORS AT WORK	4	4						
01301	513505230	2015-0245	EAST INDIANA AVENUE (850 SOUTH) - REDWOOD RD TO SURPLUS	3	5						
01301	513505332		CITY CREEK WATER MAIN VAULT REMOVAL								
			AWIA RISK ASSESSMENT EMERGENCY MANAGEMENT PLAN								
01301		2018-1081	STATE IPS RESOLUTIONS	4	4	20,000	20,000	20,000	20,000	20,000	
01301	513505334		STATE "BETTERMENT" PROJECT, WATER LINE CROSSING 5600 WEST AT 1100 SOUTH								
01301			STATE 1100 SOUTH, 5600 WEST TO LEGACY VIEW (ABOUT 5700 W)								
01301		2019-1179	1500 SOUTH - REDWOOD ROAD TO 2700 WEST			1,250,000					
			700 WEST - 1600 SOUTH TO 2100 SOUTH								
			LOCAL STREET DISTRICT 1 & 7								
			800 WEST - 600 SOUTH TO 800 SOUTH								350,000
			500 EAST - 1700 SOUTH TO 2100 SOUTH								
			2000 EAST - PARLEY'S TO CITY LIMIT								
			1900 EAST - WILMINGTON TO PARLEYS CANYON								
			900 SOUTH - 900 WEST TO 900 EAST			2,500,000					
			300 WEST - 600 SOUTH TO 2100 SOUTH			1,250,000					

**WATER UTILITY CIP BUDGET**  
**Five Year Projected Budget FY2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	BUDGET YEAR 2020-21	2021-22	2022-23	2023-24	2024-2025	DELAYED
			LOCAL STREETS DISTRICT 3 & 6			1,000,000					
			900 EAST - HOLLYWOOD TO 2700 SOUTH			500,000					
			100 SOUTH - NORTH CAMPUS DRIVE TO 900 EAST			750,000					
			1700 EAST - 1700 SOUTH TO 2700 SOUTH				60,000				
			LOCAL STREETS DISTRICTS 2 & 5				200,000				
			200 SOUTH - 400 WEST TO 900 EAST				2,000,000	2,000,000			
			1100 EAST HIGHLAND , RAMONA TO WARNOCK					1,000,000			
			LOCAL STREETS DISTRICT 4 & 7					200,000			
			1100 EAST - 900 SOUTH TO RAMONA					4,000,000			
			300 NORTH - 300 WEST TO 1000 WEST					1,500,000			
			W TEMPLE - NORTH TEMPLE TO 400 SOUTH						800,000		
			LOCAL STREETS 3 & 6						200,000		
			VIRGINIA STREET - SOUTH TEMPLE TO 11TH AVE						100,000		
			1300 EAST - 2100 SOUTH TO 3000 SOUTH						700,000		
		2018-1079	2100 SOUTH - 700 EAST TO 1700 EAST	3	4					1,800,000	
			LOCAL STREETS DISTRICT 1, 4 & 5							200,000	
			GLADIOLA STREET - 900 SOUTH TO CALIFORNIA								50,000
			300 WEST - 400 SOUTH TO 900 SOUTH								2,000,000
			WAKARA WAY - FOOTHILL DRIVE TO CHIPETA WAY								150,000
						\$ 7,270,000	\$ 2,530,000	\$ 8,970,000	\$ 2,070,000	\$ 2,270,000	\$ 5,450,000
									-		
			<b>WATER MAIN MISCELLANEOUS PROJECTS</b>								
			EMERGENCY REPAIRS			200,000	200,000	200,000	500,000	500,000	
01301	514500020	2015-0491	REGULATOR REPLACEMENT	5	5	200,000	200,000	200,000	200,000	200,000	
01301	513302118	2015-0493	NEW MAINLINE VALVES - COUNTY	5	5	135,000	135,000	135,000	135,000	135,000	
01301	513505311	2015-0489	NEW WATER LINES - CONTRIBUTIONS BY DEVELOPERS	5	5	500,000	50,000	50,000	50,000	50,000	
01301	513505310	2015-0490	FIRE HYDRANT REPLACEMENTS	5	5	400,000	250,000	250,000	250,000	250,000	
01301	513505309	2015-0492	NEW MAINLINE VALVES - CITY	5	5	250,000	250,000	250,000	250,000	250,000	
01301	513505304	2018-1002	UPPER CONUIT - LINE SYPHON	5	4						
01301		2019-1183	NEW PRV AT 3300 S HIGHLAND DR - E6-R51			200,000					
01301		2019-1047	MARCUS RESERVOIR METER AND SERVICE TAP TO JVVCD			40,000					
01301	514500019	2016-0961	4TH AND A PRV	4	5						
01301		2016-0958	10TH AND B PRV	3	4		210,000				
01301		2019-1190	BIG COTTONWOOD CONDUIT PIPE INSPECTION							300,000	
01301		2016-0751	RECONNECTION OF 1700 SOUTH AND FOOTHILL UTILITIES	2	4		20,000				
			UPPER CONDUIT PIPELINE REHAB/REPLACEMENT						350,000	3,500,000	
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
01301	513600103		CORROSION CONTROL PROGRAM								
01301			CORROSION PROGRAM RETROFITTING				80,000	80,000	80,000	80,000	
01301			C12-R15 PRV REPLACEMENT					250,000			

**WATER UTILITY CIP BUDGET**  
**Five Year Projected Budget FY2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	BUDGET YEAR 2020-21	2021-22	2022-23	2023-24	2024-2025	DELAYED
01301	514506		1000 EAST 500 SOUTH PRV								
01301		2020-1003	TRANSMISSION LINE VALVE REPLACEMENT ALONG 500 S	4	4				210,000		
						\$ 1,925,000	\$ 1,650,000	\$ 1,415,000	\$ 2,025,000	\$ 5,265,000	\$ 650,000
			<b>WATER MAIN REPLACEMENTS</b>								
01301	513505314		SMALL DIAMETER PIPE REPLACEMENT PROGRAM	5	5		50,000	50,000	50,000	50,000	
01301	513505373		FY 19/20 WATER MAIN REPLACEMENT			500,000					
			FY 20/21 WATER MAIN REPLACEMENT - covered in streets bond								
01301			FY 21/22 WATER MAIN REPLACEMENT - covered in streets bond								
01301			FY 22/23 WATER MAIN REPLACEMENT - covered in streets bond								
			FY 23/24 WATER MAIN REPLACEMENT						2,000,000		
			FY 24/25 WATER MAIN REPLACEMENT							2,000,000	
			FY 25/26 WATER MAIN REPLACEMENT								
			FY 26/27 WATER MAIN REPLACEMENT								
01301		2019-1170	VINE STREET WATER MAIN REPLACEMENT			1,100,000					
01301	513505203	2015-0247	600 WEST - 600 NORTH TO RAILROAD CROSSING	5	4						
01301	513505216		1000 NORTH - 1500 WEST TO REDWOOD ROAD	4	5						
01301	513302017	2015-0618	900 EAST AND 5600 SOUTH WATER MAIN REPLACEMENT	5	5				1,500,000		
01301	513302116	2016-0739	MILLCREEK WAY WATER MAIN REPLACEMENT	5	5						
01301	513505306	2017-2063	SCENIC DRIVE UPPER CONDUIT SLIPLINE PROJECT	5	5						
01301	513505208	2015-0240	J STREET - SUNRISE AVENUE TO NORTHCREST DRIVE	5	4						
01301		2016-0921	BACKFEED FOR UTAH STATE CAPITOL	5	4		60,000				
01301		2016-1234	SHED AT EMIGRATION WELL	5	4		50,000				
01301	513505151	2015-0543	700 SOUTH - 300 WEST TO 700 WEST	5	4						
01301	513505156	2015-0233	200 SOUTH - 600 WEST TO JEREMY STREET	4	5						
01301	513505193	2015-0235	BECK STREET - 1805 NORTH TO 1180 NORTH	4	5						1,247,000
01301	513505207	2015-0252	3390 SOUTH - 700 EAST TO RIVIERA DRIVE	4	5						
01301	513504858	2015-0547	DULUTH AVE (1550 N) - 900 W TO DEXTER, 900 W - 1500 N TO DULUTH	4	5	750,000					
01301	513505130	2015-0549	FOOTHILL DRIVE - EMERSON AVE TO KENSINGTON AVE	4	5			260,000			
01301	513302047	2015-0617	MILLSTREAM DRIVE (3580 S) - MARDONNA WAY TO EASTWOOD DRIVE	4	5	274,000					
01301	513505133	2015-0624	1700 SOUTH - 1000 EAST TO 1100 EAST	4	5			160,000			
01301		2016-1230	17TH AND FOOTHILL TELEMTRY AND POWER	4	5			200,000			
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.(GATSPY LINE)	5	3						415,000
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 SOUTH WATER MAIN REPLACEMENT	4	4						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

**WATER UTILITY CIP BUDGET**  
**Five Year Projected Budget FY2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	BUDGET YEAR 2020-21	2021-22	2022-23	2023-24	2024-2025	DELAYED
01301	513302045	2015-0616	MARDONNA WAY (3545 S) - SUNILAND DRIVE TO MILLSTREAM DRIVE	3	5	160,000					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	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				40,000
01301		2016-0901	PRV E3-R49 REPLACEMENT	3	4		220,000				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
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				20,000
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



**WATER UTILITY CIP BUDGET**  
**Five Year Projected Budget FY2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	BUDGET YEAR 2020-21	2021-22	2022-23	2023-24	2024-2025	DELAYED
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 CIRC	3	2	150,000					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	514000040		ASPHALT PATCHING 2018								
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 SPRIN	4	5						500,000
01301		2017-2018	DULUTH AVE AND 900 WEST WATER MAIN REPLACEMENT	3	5						
01301		2017-2110	DEVELOPER DRIVEN PROJECTS	4	4						
01301		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					130,000			
01301		2019-1111	1400 SOUTH WATER LINE 900-1000 WEST					120,000			
01301		2019-1109	OLYMPIC WAY WATER LINE MAJESTIC DRIVE TO CORONET DRIVE					210,000			
01301		2020-1015	ST. MARY'S WAY WATER LINE REPLACEMENT			400,000					
01301	513302131	2019-1137	1100 EAST 3900 SOUTH WATER MAIN REPLACEMENT			300,000					
						\$ 3,634,000	\$ 740,000	\$ 1,311,400	\$ 3,550,000	\$ 2,050,000	\$ 27,280,700
			<b>MASTER PLAN PROJECTS</b>								
01301	513416337	2015-0629	MP3.16 - NORTH BENCH PUMP STATION	5	5			150,000	1,500,000		
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	6,000,000	2,500,000				

**WATER UTILITY CIP BUDGET**  
**Five Year Projected Budget FY2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	BUDGET YEAR 2020-21	2021-22	2022-23	2023-24	2024-2025	DELAYED	
01301	51360062	2015-0632	MP2.3 - WASTEWATER REUSE	4	3	4,500,000					23,000,000	
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	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	4	0			2,500,000				
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					10,000,000	10,000,000	7,000,000
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 II)	1	0							12,000,000
01301		2015-0631	MILLCREEK WATER TREATMENT FACILITY	1	0							80,000,000
01301			UPDATE WATER MASTER PLAN									400,000
			IMPACT FEE PLAN STUDY AND UPDATE									
			FEASIBILITY ASSESSMENT FOR SLCDPU CAMPUS									
						\$ 10,500,000	\$ 5,000,000	\$ 150,000	\$ 11,500,000	\$ 10,000,000	\$ 172,783,000	
								-	-			
			TOTAL DISTRIBUTION MAINS & HYDRANTS			\$ 23,329,000	\$ 9,920,000	\$ 11,846,400	\$ 19,145,000	\$ 19,585,000	\$ 206,163,700	
									-			
	2730.09		WATER SERVICE CONNECTIONS									
03301				3	3							
01701	513900126	2015-0494	SERVICE LINE REPAIR/REPLACEMENTS	5	5	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000		
03301	513900125	2015-0495	NEW SERVICE CONNECTIONS	5	5	450,000	400,000	400,000	400,000	400,000		
02201	513900124	2015-0496	LARGE METER REPLACEMENTS	5	5	300,000	400,000	400,000	400,000	400,000		
02601	513900123	2015-0498	METER REPLACEMENT PROGRAM	5	5	200,000	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	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000		
			REVISED LEAD AND COPPER RULE COMPLIANCE						500,000	500,000		
01701			REPLACE METER VAULT AND 4" METER W/BY-PASS			58,000						
						\$ 5,208,000	\$ 5,200,000	\$ 5,200,000	\$ 5,700,000	\$ 5,700,000	\$ -	
									-			
	2730.20		LANDSCAPING									
			WATERSHED									

**WATER UTILITY CIP BUDGET**  
**Five Year Projected Budget FY2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	BUDGET YEAR 2020-21	2021-22	2022-23	2023-24	2024-2025	DELAYED
00601	5122672	2017-1295	RECREATION AREA PICNIC TABLE REPLACEMENT	5	5						
00601	5122673	2015-0670	ACCESSIBILITY UPGRADES TO WATERSHED RECREATION FACILITIES	5	0			200,000			
	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
	514700004	2017-2117	CITY CREEK ROADWAY ASPHALT	5	5						100,000
03201	51360014	2015-0519	WEST TEMPLE CAMPUS - CONSERVATION IMPROVEMENTS	2	4						100,000
		2018-1028	CITY CREEK CANYON ROAD RECONSTRUCTION	5	5						3,000,000
		2018-1110	SITE 30 PAVILION STRUCTURAL REVIEW	2	4						
			CITY CREEK WATER SYSTEM TO SITES 23 THROUGH 30								500,000
03601			900 SOUTH LANDSCAPING PROJECT - Cost share Stormwater			68,000					
						\$ 68,000	\$ -	\$ 200,000	\$ -	\$ -	\$ 4,200,000
						-	-	-	-		-
			<b>TOTAL CAPITAL IMPROVEMENTS</b>			\$ 47,930,000	\$ 31,278,000	\$ 31,306,400	\$ 30,479,000	\$ 31,301,000	\$ 637,109,700

## WATER UTILITY CAPITAL PURCHASES

### Projected Budget 2020-21

<u>Cost Center</u>	<u>Object Code</u>	<u>Asset Description</u>	<u>Budget Year 2020-21</u>
	<b><u>275010</u></b>	<b><u>Automobiles &amp; Trucks</u></b>	<b><u>Amount</u></b>
5100801		Ford, GMC, Chevy4X4, 1 ton, 4 door, short bed, with v-blade plow and salter	48,000.00
5101001		ChevyColorado 4X4 or similar	30,000.00
5102601		Retrofit truck bed to service bedknapipe 6'3' service body utility bed	8,900.00
5102601		Retrofit truck bed to service bedknapipe 6'3' service body utility bed	8,900.00
5101301		Chevy or similarMid-sized SUV 4X4	35,000.00
5100101		1 ton dump truck/extended cab/winch/ 4WDFord	50,000.00
5102401		F-550 util bed/crane	72,000.00
5101701		Freightliner 108sd util bed	155,000.00
5101701		Freightliner 108sd util bed	155,000.00
5101701		Freightliner 114 sd dump bed	145,000.00
5101401		Chev 3500 util bed	41,000.00
5101501		Chev 3500 util bed	41,000.00
5102501		F-350util bed	34,000.00
5101401		Chev 3500 util bed	41,000.00
5100201		3/4 ton 4x4 with bed-cover, light bar, hitch, extended cab	34,000.00
			<b>\$ 898,800.00</b>
	<b><u>275030</u></b>	<b><u>FIELD MAINTENANCE EQUIPMENT</u></b>	<b><u>Amount</u></b>
5100101		New John Deere - Mower	9,700.00
5101701		Back-hoe exchange program -CAT 420 f	90,000.00
5102201		Steel plate roller	40,000.00
5102401		Ford meter testing bench	104,106.23
			<b>\$ 243,806.23</b>
	<b><u>276090</u></b>	<b><u>OTHER NON-MOTIVE EQUIPMENT</u></b>	
5101201		Mower for Little Dell Dam	80,000.00
5102601		To replace 20year old technology no longer supported hand held reading units - Removed 2 units \$17,232 3-24-2020 LT	34,464.00
5102601		VGB Gateway Base Station This unit will allow for drive by reading of both AMR and AMI metes	17,320.00

5100101		Salt Dogg Electric Spreader 2.0 Cu Yard Safety reasons	5,000.00
5101601		Water Check Program software. Stephanie Duer. Stephanie beleives another group may pick this cost up	12,000.00
5101601		Correlator for leak detection. This was missed last year Increased from \$12,500 each to \$16,500 each per NK 3-24-2020 LT	33,000.00
5100601		New gate for mouth of City Creek	35,000.00
5100601		Trailer for equipment	10,000.00
	<b><u>276050</u></b>	<b><u>OFFICE FURNITURE AND EQUIPMENT</u></b>	
5101601		Replacement of Canon copier Accounting Area - Full function	6,500.00
5103201		Replacement - phone system	50,000.00
	<b><u>276020</u></b>	<b><u>TREATMENT PLANT EQUIPMENT</u></b>	
5100701		Upgrade and replace 4 entrance gates. Add card reader security to two main entrance gates. (Estimate -refined cost to come.)	140,000.00
	<b><u>271030</u></b>	<b><u>WATER RIGHTS &amp; SUPPLY</u></b>	
5103301		Water right and company purchases	250,000.00
5103301		Water stock purchases	250,000.00
	<b><u>271010</u></b>	<b><u>LAND</u></b>	
5103301		Watershed Land Purchases	1,500,000.00
5103301		Land Purchases non-project and canal	150,000.00
			<b>\$ 2,573,284.00</b>
		<b>Total</b>	<b>\$ 3,715,890.23</b>

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

**SEWER UTILITY BUDGET SUMMARY  
FY 2021-23**

				Rate Increase 18%	Rate Increase 18%	Rate Increase 15%
<b>SOURCES</b>	<b>ACTUAL 2018-19</b>	<b>AMENDED BUDGET 2019-20</b>	<b>PROJECTED ACTUAL 2019-20</b>	<b>PROPOSED BUDGET 2020-21</b>	<b>FORECAST BUDGET 2021-22</b>	<b>FORECAST BUDGET 2022-23</b>
<b><u>REVENUE &amp; OTHER SOURCES</u></b>						
<b><u>REVENUES</u></b>						
METERED SALES	\$ 39,592,924	\$ 44,460,000	\$ 43,997,000	\$ 50,215,000	\$ 59,254,000	\$ 68,142,000
INTEREST INCOME	2,161,835	604,000	1,014,601	992,301	992,301	992,301
OTHER REVENUES	472,503	235,000	235,000	406,000	406,000	406,000
TOTAL REVENUES	\$ 42,227,262	\$ 45,299,000	\$ 45,246,601	\$ 51,613,301	\$ 60,652,301	\$ 69,540,301
<b><u>OTHER SOURCES</u></b>						
IMPACT FEES	\$ 1,516,850	\$ 700,000	\$ 1,068,535	\$ 1,422,000	\$ 1,422,000	\$ 1,422,000
GRANTS & OTHER RELATED REVENUES	495,092	2,020,000	2,020,000	1,684,000	1,684,000	1,684,000
OTHER SOURCES	(16,396)	20,000	20,000	16,000	16,000	16,000
WIFIA LOAN	-	-	-	93,210,000	93,890,000	70,465,000
NON BOND FINANCING	-	-	-	-	-	-
BOND PROCEEDS	-	55,307,000	55,307,000	51,285,000	123,687,000	88,491,000
TOTAL OTHER SOURCES	\$ 1,995,546	\$ 58,047,000	\$ 58,415,535	\$ 147,617,000	\$ 220,699,000	\$ 162,078,000
<b>TOTAL REVENUE &amp; OTHER SOURCES</b>	<b>\$ 44,222,808</b>	<b>\$ 103,346,000</b>	<b>\$ 103,662,136</b>	<b>\$ 199,230,301</b>	<b>\$ 281,351,301</b>	<b>\$ 231,618,301</b>
<b><u>EXPENSES &amp; OTHER USES</u></b>						
<b><u>EXPENDITURES</u></b>						
PERSONNEL SERVICES	\$ 9,013,653	\$ 11,164,232	\$ 11,164,232	\$ 12,590,497	\$ 12,968,212	\$ 13,357,258
OPERATING & MAINTENANCE	1,683,414	2,100,140	2,100,140	2,579,981	2,631,579	2,934,209
TRAVEL & TRAINING	47,217	118,425	118,425	106,912	109,050	111,231
UTILITIES	769,218	1,009,475	1,009,475	1,001,180	1,021,203	1,041,626
TECHNICAL SERVICES	1,358,157	3,151,533	3,151,533	2,277,738	2,323,293	2,369,759
DATA PROCESSING	518,013	395,000	395,000	640,000	652,800	665,856
FLEET MAINTENANCE	492,061	543,000	543,000	543,550	554,421	565,509
ADMINISTRATIVE SERVICE FEE	457,350	311,000	311,000	480,000	489,600	499,392
PAYMENT IN LIEU OF TAXES	368,250	661,263	661,263	809,149	825,332	841,839
BILLING COST	813,896	827,634	827,634	949,872	968,869	988,246
RISK MANAGEMENT	299,802	260,324	260,324	375,450	382,959	390,618
TRANSFERS TO GENERAL FUND	-	-	-	-	-	-
NEW PLANT O&M COSTS	-	-	-	-	-	250,000
OTHER CHARGES AND SERVICES	205,160	484,370	484,370	562,352	573,599	585,070
TOTAL EXPENDITURES	\$ 16,026,191	\$ 21,026,396	\$ 21,026,396	\$ 22,916,681	\$ 23,500,917	\$ 24,600,613
<b><u>OTHER USES</u></b>						
CAPITAL OUTLAY	\$ 1,243,013	\$ 8,694,000	\$ 4,194,000	\$ 671,836	\$ 685,273	\$ 698,979
CAPITAL IMPROVEMENT BUDGET	36,361,957	116,719,995	112,116,465	176,342,413	223,235,826	166,744,252
COST OF DEBT ISSUANCE	-	307,000	307,000	285,000	687,000	491,000
DEBT SERVICES	6,075,286	13,149,000	13,477,251	12,422,469	11,896,473	15,769,945
TOTAL OTHER USES	\$ 43,680,256	\$ 138,869,995	\$ 130,094,716	\$ 189,721,718	\$ 236,504,572	\$ 183,704,176
<b>TOTAL EXPENSE &amp; OTHER USES</b>	<b>\$ 59,706,447</b>	<b>\$ 159,896,391</b>	<b>\$ 151,121,112</b>	<b>\$ 212,638,399</b>	<b>\$ 260,005,489</b>	<b>\$ 208,304,789</b>
<b><u>EXCESS REVENUE AND OTHER</u></b>						
SOURCES OVER (UNDER) USES	\$ (15,483,639)	\$ (56,550,391)	\$ (47,458,976)	\$ (13,408,098)	\$ 21,345,812	\$ 23,313,512
<b><u>OPERATING CASH BALANCES</u></b>						
BEGINNING JULY 1	\$ 86,221,051	\$ 63,159,779	\$ 63,159,779	\$ 15,700,803	\$ 2,292,705	\$ 23,638,517
RESTRICTED / DESIGNATED	\$ (7,577,633)	\$ -	\$ -	\$ -	\$ -	\$ -
AVAILABLE JUNE 30	\$ 63,159,779	\$ 6,609,388	\$ 15,700,803	\$ 2,292,705	\$ 23,638,517	\$ 46,952,029
Cash Reserve Ratio	394%	31%	75%	10%	101%	191%
<b>Cash reserve goal above 10%</b>						

**SEWER UTILITY CASH FLOW**  
**2021 BUDGET / FY 2022-2025 FORECAST**

	ACTUAL YEAR 2018-2019	PROJECTED YEAR 2019-2020	BUDGET YEAR 2020-2021	BUDGET YEAR 2021-2022	BUDGET YEAR 2022-2023	BUDGET YEAR 2023-24	BUDGET YEAR 2024-25
<b>REVENUE</b>							
SEWER SALES	\$ 39,592,924	\$ 43,997,000	\$ 50,215,000	\$ 59,254,000	\$ 68,142,000	\$ 74,956,000	\$ 82,452,000
OTHER INCOME	456,107	235,000	406,000	406,000	406,000	406,000	406,000
INTEREST INCOME	2,161,835	1,014,601	992,301	992,301	992,301	992,301	992,301
OPERATING INCOME	\$ 42,210,866	\$ 45,246,601	\$ 51,613,301	\$ 60,652,301	\$ 69,540,301	\$ 76,354,301	\$ 83,850,301
<b>OPERATING EXPENSES</b>							
NEW PLANT O&M COSTS	\$ -	\$ -	\$ -	\$ -	\$ (250,000)	\$ (252,500)	\$ (255,025)
OPERATING EXPENSES	(16,026,191)	(21,026,396)	(22,916,681)	(23,500,917)	(24,350,613)	(24,968,695)	(25,603,122)
TOTAL OPERATING EXPENSE	\$ (16,026,191)	\$ (21,026,396)	\$ (22,916,681)	\$ (23,500,917)	\$ (24,600,613)	\$ (25,221,195)	\$ (25,858,147)
<b>NET INCOME EXCLUDING DEP.</b>	\$ 26,184,675	\$ 24,220,205	\$ 28,696,620	\$ 37,151,384	\$ 44,939,688	\$ 51,133,106	\$ 57,992,154
<b>OTHER INCOME &amp; EXPENSE</b>							
IMPACT FEES	\$ 1,516,850	\$ 1,068,535	\$ 1,422,000	\$ 1,422,000	\$ 1,422,000	\$ 1,422,000	\$ 1,422,000
WIFIA LOAN	-	-	93,210,000	93,890,000	70,465,000	64,017,000	24,356,000
NET BOND PROCEEDS	-	55,000,000	51,000,000	123,000,000	88,000,000	46,000,000	-
ISSUE COSTS (PROCEEDS)	-	307,000	285,000	687,000	491,000	257,000	-
ISSUE COSTS (EXP)	-	(307,000)	(285,000)	(687,000)	(491,000)	(257,000)	-
OTHER CONTRIBUTIONS	495,092	2,040,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000
CAPITAL OUTLAY	(1,243,013)	(4,194,000)	(671,836)	(685,273)	(698,979)	(712,959)	(727,218)
STATE LOAN DEBT REPAYMENT	-	(6,375,000)	(2,125,000)	-	-	-	-
NEW DEBT SERVICE	-	-	(1,732,500)	(3,339,000)	(7,213,500)	(11,307,711)	(13,982,762)
DEBT SERVICE	(6,075,286)	(7,102,251)	(8,564,969)	(8,557,473)	(8,556,445)	(7,904,374)	(7,904,374)
<b>OTHER INCOME &amp; EXPENSE</b>	\$ (5,306,357)	\$ 40,437,284	\$ 134,237,695	\$ 207,430,254	\$ 145,118,076	\$ 93,213,956	\$ 4,863,646
<b>CAPITAL GENERATION</b>							
GENERATED FOR CAPITAL	\$ 20,878,318	\$ 64,657,489	\$ 162,934,315	\$ 244,581,638	\$ 190,057,764	\$ 144,347,062	\$ 62,855,800
<b>CAPITAL IMPROVEMENTS</b>							
CAPITAL IMPROVEMENTS	\$ (36,361,957)	\$ (112,116,465)	\$ (176,342,413)	\$ (223,235,826)	\$ (166,744,252)	\$ (157,518,748)	\$ (77,927,603)
<b>BEGINING CASH BALANCE</b>	\$ 86,221,051	\$ 63,159,779	\$ 15,700,803	\$ 2,292,705	\$ 23,638,517	\$ 46,952,029	\$ 33,780,343
<b>CASH INCREASE/(DECREASE)</b>	\$ (15,483,639)	\$ (47,458,976)	\$ (13,408,098)	\$ 21,345,812	\$ 23,313,512	\$ (13,171,686)	\$ (15,071,803)
<b>RESTRICTED/DESIGNATED</b>	\$ (7,577,633)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>ENDING BALANCE</b>	\$ 63,159,779	\$ 15,700,803	\$ 2,292,705	\$ 23,638,517	\$ 46,952,029	\$ 33,780,343	\$ 18,708,539
<b>Debt Service Coverage</b>	4.31	1.80	2.31	3.12	2.85	2.66	2.65
<b>RATE CHANGE</b>	15%	18%	18%	18%	15%	10%	10%
<b>Cash Reserve Ratio</b>	441%	75%	10%	101%	191%	134%	72%
<b>DEBT SERVICE % OF GROSS OPERATING REVENUE</b>	14%	16%	20%	20%	23%	25%	26%
<b>MONTHLY RESIDENTIAL UTILITY BILL AT 4 CCF</b>	12.16	14.68	17.32	20.44	23.51	25.86	28.45
<b>MONTHLY RESIDENTIAL UTILITY BILL AT 8 CCF</b>	24.32	29.36	34.64	40.88	47.01	51.71	56.88



**SEWER UTILITY CIP BUDGET**  
**Five Year Projected Budget 2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	DELAYED
	2720.10		<b><u>MAINTENANCE &amp; REPAIR SHOPS - 2720.10</u></b>									
		2019-1041	LIFT STATION STORAGE FACILITY	4	0				200,000	600,000		
			NEW SLCDPU CAMPUS	5	5						8,000,000	8,000,000
						0	0	0	200,000	600,000	8,000,000	8,000,000
	2720.05		<b><u>LIFT STATIONS - 2720.05</u></b>									
			<b><u>LIFT STATION ASSET MANAGEMENT PROGRAM</u></b>									
10101		2019-1046	ANNUAL SYSTEM WIDE LIFT STATION SCOPING & ASSET MANAGEMENT PRIORITIZATION	5	5	200,000						600,000
			<b><u>LIFT STATION RENEWAL/REPLACEMENT PROGRAM</u></b>									
	52490788		LIFT STATION CONDITION ASSESSMENT (TASK ORDER 2.18)									
10101	524907095	2015-0414	ANNUAL PUMP REPLACEMENT (VARIOUS)	5	5	25,000	25,000	25,000	25,000	25,000	25,000	
	52490758	2015-0266	4000 WEST LIFT STATION UPGRADE/REPLACEMENT (SS12)	5	5							
10101	52490780	2015-0263	1700 NORTH LIFT STATION REHABILITATION (SS03)	4	5							
10101	524907101	2017-1301	5300 WEST LIFT STATION (SS17) CAPACITY IMPROVEMENTS	4	5	75,000	2,500,000					
10101	52490778	2015-0264	SOUTH LIFT STATION (SS05)	3	4							460,000
10101	524907104	2015-0417	INDUSTRIAL LIFT STATION REHAB & PIPING UPGRADES (SS21)	4	5	70,000	1,500,000					
10101	524907098	2015-0267	NEW ROSE PARK LIFT STATION REPLACEMENT (SS02)	4	5	40,000	360,000					
10101	2015-0268	2015-0268	500 W LIFT STATION WET WELL IMPROVEMENTS (SS28)	4	5	50,000	350,000					
10101	524907103	2015-0274	PIONEER LIFT STATION WET WELL IMPROVEMENTS (SS20)	4	4							600,000
10101		2015-0418	CENTENNIAL LIFT STATION WET WELL REHABILITATION (SS 19)	4	4							770,000
10101		2015-0271	CANNON LIFT STATION WET WELL IMPROVEMENTS	4	4							450,000
10101		2015-0270	WESTPOINTE LIFT STATION WET WELL IMPROVEMENTS (SS 33)	3	3							550,000
10101	524907100	2015-0272	900 NORTH LIFT STATION WET WELL IMPROVEMENTS	4	5	50,000		20,000	800,000			
	524907093	2017-2075	John Cannon Lift Station	3	0		2,000,000					
		2017-2008	Billy Mitchell (SS16) Capacity Upgrades	3	5				250,000	2,000,000		
			1700 NORTH LIFT STATION ELECTRICAL IMPROVEMENTS	3	5		300,000					
			AMELIA ERHART LS IMPROVEMENTS	3	3							550,000
			SOUTH CONCORD LS IMPROVEMENTS	3	3							660,000
			CALIFORNIA PLACE LS (SS31) IMPROVEMENTS	3	4							400,000
						510,000	7,035,000	45,000	1,075,000	2,025,000	25,000	5,040,000
	2720.30		<b><u>TREATMENT PLANTS</u></b>									
11201	524905347	2015-0640	FACILITY BUILDING PAINTING (CORROSION PROTECTION PROGRAM)	5	5	100,000	100,000	100,000	100,000	100,000	100,000	100,000
	524905338	2017-2093	INFLUENT SCREEN (S) REPLACE/RETROFIT	5	5	3,200,000	50,000					
	524905336		EXISTING FACILITIES CONDITION ASSESSMENT/PRE-DESIGN		5							
	525400075		SOUTH RAS SKIMMER RELOCATION		4							
	525400066		WETLANDS RESTORATION PROJECT		4							
	524905342		PROCESS CONTROL LAB ROOM		4							
		2016-1275	WASHER COMPACTOR FOR PRIMARY SLUDGE	4	0							
	525400074	2017-2088	SCADA INSTRUMENTATION CONTROL IMPROVEMENTS	5	5							
11201	524905330	2015-0707	CHLORINE BUILDING ALARM SYSTEM		5							
		2018-1074	SCADA PHASE III FOLLOW-UP SERVICES	5	5	400,000	490,000					
11201	524905280	2015-0710	REPLACEMENT OF MCC2A AT THE PRE-SEDIMENTATION BUILDING - CONSTRUCTION		5							
11201	52540053	2015-0708	ATMOSPHERIC MONITORING REPLACEMENT PROGRAM	5	5							
	52540064		VFD REPLACEMENT		5							
11201	52540052	2015-0500	TRICKLING FILTER REHABILITATION	5	5	650,000						
	52540067		TRICKLING FILTER PUMPS INSPECTION & RECONDITIONING									
11201	524905345	2015-0502	CAPITAL ASSET REHABILITATION AND UPGRADES	5	5	1,300,000	2,000,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000
11201	2016-1133	2016-1133	REHAB OF VERTICAL TURBINE PUMPS	4	4			200,000				200,000
11201	524905344	2017-2089	HVAC REPLACEMENTS	3	3		25,000	25,000	25,000	25,000	25,000	25,000
	524905341		HVAC IMPROVEMENTS AT PRE-SEDIMENTATION									
		2016-1281	COGEN ENGINE OVERHAUL								700,000	
		2018-1052	SLC WRF HEADWORKS GATE REPLACEMENT	5	5	250,000						
	524905355	2016-1160	UPGRADE EMERGENCY GENERATORS AT PUMP STATION	4	5	50,000	50,000					

**SEWER UTILITY CIP BUDGET**  
**Five Year Projected Budget 2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	DELAYED
		2018-1072	SLC WRF INFLUENT PUMP MOTOR REBUILD	5	4	120,000	134,000					
		2018-1071	SLC WRF INFLUENT PUMP REBUILD	5	4	200,000	625,000					
		2018-1068	SLC WRF BIO GAS HEAT EXCHANGER	4	4	75,000						
	524905363	2018-1066	SLC WRF PUMP PLANT EXTERIOR LIGHTING	4	5	35,000						
	524905359		NEW WRF COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM				130,000					
	524905370		SLCWRF MAIN PLANT PLC UPGRADES				50,000					
	524905358		INTEGRATION FOR VFD REPLACEMENTS									
11201	524905356		SLC WRF WORK ORDER SYSTEM				80,000					
	524905360		TEMPORARY DEWATERING				300,000	300,000				
			<b>NEW WATER RECLAMATION FACILITY</b>									
			CM/GC Preconstruction Services			1,668,861	1,296,543					
			Design Services (AECOM)			11,689,292	9,599,769	8,250,904	4,704,793	4,619,487	2,694,700	
			Program Management (Jacobs)			1,411,564	2,500,000	2,500,000	2,000,000	2,000,000	1,166,667	
			Public Engagement (WF&Co)			261,944	180,000	144,000	144,000	144,000	95,000	
			Project Documentation (MultiVista)			82,900	78,000	96,000	96,000	78,000	19,100	
11201			Leed Commissioning (ETC)			9,000	11,000	22,000	62,667	45,333		
			CMMS (NexGen)			50,323	70,453					
			BNR Demonstration Facility				2,363,636	1,636,364				
			Permitting			1,875,000	4,375,000	3,750,000				
			Easements			100,000	200,000	1,200,000				
			Construction (Based off BODR)			34,550,423	107,992,865	164,943,912	127,729,145	116,904,281	42,263,312	
			Contingency			3,388,824	6,777,647	6,777,647	6,777,647	6,777,647	3,388,824	
			<b>TOTAL NEW WATER RECLAMATION FACILITY</b>			55,088,131	135,444,913	189,320,826	141,514,252	130,568,748	49,627,603	
			<b>TOTAL WATER RECLAMATION FACILITY</b>			61,468,131	139,478,913	191,045,826	143,139,252	131,993,748	51,752,603	1,625,000
	2730.14		<b>COLLECTION LINES</b>									
			<b>COLLECTION SYSTEM ASSET MANAGEMENT PROGRAM</b>									
10401	52510020	2015-0704	1200 WEST TRUNK LINE CONDITION ASSESSMENT/ PROJECT PRE-DESIGN	5	2						600,000	600,000
10401	525002742	2015-0664	SIPHON INSPECTION PROJECT	4	2							200,000
10401	525002834	2015-0647	COLLECTION SYSTEM PROJECT DEVELOPMENT CAP SCOPING	5	5	150,000		100,000				300,000
10401	525002770	2015-0703	BECK STREET TRUNK LINE CONDITION ASSESSMENT/PRE-DESIGN	5	2							600,000
10401	525002771	2015-0705	ORANGE STREET TRUNK LINE CONDITION ASSESSMENT/PROJECT PRE-DESIGN	5	2						450,000	
						150,000	0	0	100,000	0	1,050,000	1,700,000
			<b>FLOW MONITORING/I&amp;I PROGRAM</b>									
10401	525002756	2015-0648	WEST SIDE INFLOW & INFILTRATION STUDY	3	5							
		2015-0652	EAST SIDE INFLOW AND INFILTRATION STUDY	3	5							300,000
10401	525002741	2015-0651	ANNUAL HYDRAULIC MODEL CALIBRATION	4	2							500,000
10401	525002740	2015-0649	PERMANENT FLOW METERS	5	0							
		2016-0846	PRIVATE LATERAL I&I STUDY (Move to Operations)	3	3							
		2017-2078	VARIOUS BASIN INFLOW TESTING (Move to Operations)	3	4							
		2018-1029	BASIN 11 I&I (Move to Operations)	3	4							
						0	0	0	0	0	0	800,000
			<b>CITY, COUNTY, STATE AND MISC. DRIVEN PROJECTS</b>									
10401	525002738	2015-0654	PRISON RELOCATION UTILITIES AND DEVELOPMENT SUPPORT	0	0							
10401	525002560	2015-0484	ANNUAL MISC. PUBLIC SERVICES PROJECTS	5	5	200,000	200,000	200,000	200,000	200,000	200,000	200,000
10401	525002738	2019-1042	NW QUADRANT CF INFRASTRUCTURE SUPPORT SERVICES	5	5	400,000						
	525002760		WEST TEMPLE - NORTH TEMPLE TO 400 SOUTH	4	5							
10401	2016-1263	2016-1263	NW QUADRANT PRISON LIFT STATION	0	0							

**SEWER UTILITY CIP BUDGET**  
**Five Year Projected Budget 2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	DELAYED
			NW QUADRANT PUMP STATION (PS-2)	0	0							
10401	525002764	2016-0743		3	5							
10401	2016-1265	2016-1265	NW QUADRANT (DEVELOPMENT) PIPE UPSIZE SEWER	5	0	350,000						
10401	525002681		WILMINGTON AVENUE SANITARY SEWER	0	0							
10401		2019-1043	MOUNTAIN VIEW CORRIDOR UDOT BETTERMENT	3	0	250,000						
			ODOR & CORROSION PRELIMINARY DESIGN AND SITING ANALYSIS	5	5	350,000						
			ODOR & CORROSION IMPLEMENTATION PROGRAM	5	0	50,000						
		2019-1126	500 SOUTH FM DISCHARGE BIOTOWER	3	0			125,000	1,300,000			
		2019-1127	ORANGE STREET LOCATION 4 BIOTOWER	3	0				260,000	2,600,000		
		2019-1128	ORANGE STREET LOCATION 5 BIOTOWER	3	0							2,400,000
			900 S (950 E TO 1300 E) ROADWAY	5	5	600,000						
			1900 EAST - WILMINGTON TO PARLEYS CANYON	5	5	450,000						
	525002864	2019-1057	700 W (1600 S TO 2100 S) ROADWAY	5	5	500,000						
			800 WEST 600 S TO 800 S	5	5	250,000	1,200,000					
			500 EAST - 1700 SOUTH TO 2100 SOUTH	5	5	300,000						
			CITY WIDE STREET IMPROVEMENTS AND PRESERVATION 2019/2020	5	5	2,500,000						
			2000 E (PARLEYS CANYON BLVD TO CITY LIMIT) ROADWAY	5	5	200,000						
	525002861	R19-0018	300 W (900 S TO 2100 S) ROADWAY	5	5	150,000	2,500,000	1,000,000				
		2019-1018	900 EAST (HOLLYWOOD AVE TO 2700 S) ROADWAY	5	5		350,000					
		2019-1038	100 S (NORTH CAMPUS DRIVE TO 900 E) ROADWAY	5	5		100,000					
		2019-1066	1700 EAST (1700 S TO 2700 S) ROADWAY	5	5		750,000					
		2019-1072	CITY WIDE SEWER IMPROVEMENTS AND PRESERVATION 2020/2021	5	5		600,000					
			300 WEST - 600 SOUTH TO 2100 SOUTH	5	5			600,000				
			200 SOUTH - 400 WEST TO 900 EAST, PHASE 1	5	5			3,000,000	1,500,000			
			CITY WIDE SEWER IMPROVEMENTS AND PRESERVATION 2021/2022	5	5			800,000				
			1100 EAST TO HIGHLAND - ROMONA AVE TO WARNOCK AVENUE	5	5				300,000			
			1100 EAST - 900 SOUTH TO RAMONA AVE	5	5				1,300,000			
			200 SOUTH - 400 WEST TO 900 EAST, PHASE 2	5	5				600,000			
			1300 EAST - 2100 SOUTH TO CITY BOUNDARY	5	5					600,000		
			CITY WIDE SEWER IMPROVEMENTS AND PRESERVATION 2022/2023	5	5				1,200,000			
			VIRGINIA STREET - SOUTH TEMPLE TO 11TH AVE	5	5					300,000		
			300 NORTH - 300 WEST TO 1000 WEST	5	5				1,200,000			
			CITY WIDE SEWER IMPROVEMENTS AND PRESERVATION 2023/2024	5	5					1,000,000		
		2019-1065	900 South - 900 West to 300 West & West Temple to 900 East	5	5		700,000					
			2100 SOUTH - 700 EAST TO 1700 EAST	5	5						1,500,000	
			CITY WIDE SEWER IMPROVEMENTS AND PRESERVATION 2023/2024	5	5						1,500,000	
	525002865	R19-0016	City Wide Street Improvements Spot Repairs and Sewer Rehabilitation Project	5	5	1,133,000			500,000			
						7,683,000	6,400,000	5,725,000	8,360,000	4,700,000	3,200,000	2,600,000
			<b>PIPE RENEWAL &amp; REPLACEMENT PROGRAM</b>									
10401	525002705	2015-0332	300 WEST - 500 NORTH TO 600 NORTH (WEST SIDE)	3	5							
10401	525002708	2015-0333	WEST CAPITOL STREET - COLUMBUS STREET TO ZANE AVENUE TO WALL STREET	3	5							
10401	525002629	2015-0344	REDWOOD ROAD - PAXTON AVENUE TO CALIFORNIA AVENUE	3	5							
10401	525002780	2016-0840	4600 WEST DIVERSION I&I MITIGATION PROJECT	3	5							
	525002838		GLENDALE GOLF COURSE LATERAL	3	5							
10401		2015-0486	1% PER YEAR SEWER REHABILITATION/SYSTEM RENEWAL	5	5			1,650,000	3,700,000	3,400,000	3,400,000	3,400,000
	525002761	2015-0283	700 N I-15 BYPASS FOR INSPECTION OF EXISTING LINE	5	0	1,100,000						
10401	525002719	2015-0303	NORTH TEMPLE (100 N) - APPROX. 2050 WEST TO GLADIOLA STREET	5	5	2,100,000						
10401		2015-0722	TESORO SEWER TRUNK LINE REHABILITATION	5	4							
10401		2016-0897	WEST TEMPLE FROM TRUMAN AVE TO 1300 S CIPP	5	4							4,500,000
10401		2016-0902	800 S AND 1100 E LATERAL CONNECTIONS AND UPSTREAM INFILTRATION	3	4			20,000	350,000			
10401		2015-0727	300 W - 550 S TO 600 S	5	4				250,000			
10401		2016-0895	ELGIN AVE SEWER REPLACEMENT	3	3							400,000
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	60,000	400,000					
	525002851	2017-2130	1200 WEST TRUNK LINE REHABILITATION PROJECT	5	5	1,000,000	8,000,000			12,200,000		32,000,000
			BECK STREET TRUNK LINE REHABILITATION PROJECT	5	5				1,200,000		10,000,000	30,000,000
10401		2016-0908	3RD AVE D TO E STREET	3	5	140,000						

**SEWER UTILITY CIP BUDGET**  
**Five Year Projected Budget 2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	DELAYED
10401		2015-0731	MAIN ST - 320 N TO 340 N	4	5	110,000						
10401	525002355	2016-0861	6TH AVE FROM 588 E TO H ST	4	5	180,000						
10401	525002390	2016-0866	400 WEST FROM 100 NORTH TO 140 NORTH (WEST SIDE) CIPP INSTALLATION	3	4	40,000						
10401		2016-0989	2600 EAST AND BLAINE AVE REHABILITATION	3	5	150,000						
10401		2016-0991	CIPP SEWER ON FOOTHILL DR	3	5	110,000						
10401		2016-0992	WASATCH DR FROM 1300 SOUTH TO VILLAGE CIRCLE SEWER REHAB	3	5	260,000						
10401		2016-0993	FOOTHILL DR AND 1300 SOUTH SEWER REHAB	3	5	70,000						
10401		2016-0995	LOGAN WAY AND 1700 SOUTH SEWER REHAB	3	5	75,000						
10401		2016-0997	700 EAST FROM 2700 SOUTH TO CRYSTAL AVE SEWER REHAB	3	5	105,000						
10401		2016-0998	600 WEST 100 SOUTH SEWER REHAB	3	5	150,000						
10401		2016-1001	BROADMOOR ST FROM ELM AVE TO 2100 SOUTH SEWER REHAB	3	5	55,000						
10401		2016-1002	2300 EAST FROM STRINGHAM AVE TO BERNADINE DR SEWER REHAB	3	5	30,000						
10401		2016-1003	LYNWOOD DR SEWER REHAB	3	5	75,000						
10401		2016-1004	2300 EAST AND COUNTRY CLUB DRIVE SEWER REHAB	3	5	40,000						
10401		2016-1005	WILSHIRE CIRCLE SEWER REHAB	3	5	155,000						
10401		2016-1008	P STREET FROM 4TH AVE TO 3RD AVE SEWER REHAB	3	5	40,000						
10401		2016-1009	1ST AVE FROM T STREET TO U STREET SEWER REHAB	3	5	140,000						
10401		2016-1011	1200 EAST FROM FENWAY AVE TO 700 SOUTH SEWER REHAB	3	5	35,000						
10401		2016-1012	FULLER AVE FROM 1000 EAST TO 1100 EAST SEWER REHAB	3	5	35,000						
10401		2016-1013	500 SOUTH AND 1300 EAST SEWER REHAB	3	5	35,000						
10401		2016-1014	600 SOUTH 1300 EAST SEWER REHAB	3	5	45,000						
10401		2016-1016	1200 EAST AND 700 SOUTH SEWER REHAB	3	5	50,000						
10401		2016-1017	SUNNYSIDE AVE FROM CONNOR ST TO 2200 EAST SEWER REHAB	3	5	40,000						
10401		2016-1018	MICHIGAN AVE AND FOOTHILL BLVD SEWER REHAB	3	5	40,000						
10401	525002829	2016-1019	FOOTHILL DRIVE AND 2100 EAST SEWER REHAB	3	5	90,000						
10401		2016-1020	LAIRD AVE SEWER REHAB	3	5	240,000						
10401	525002828	2016-1021	BROWNING AVE AND 1700 EAST	3	5	15,000						
10401	525002820	2016-1024	LOGAN AVE SEWER REHAB	3	5	100,000						
10401	525002800	2016-1026	1600 EAST FROM LOGAN AVE TO 1700 SOUTH SEWER REHAB	3	5	45,000						
10401		2016-1028	1900 EAST FROM 800 SOUTH AND 900 SOUTH SEWER REHAB	3	5	30,000						
10401		2016-1030	HARVARD AVE AND MCCLELLAND SEWER REHAB	3	5	90,000						
10401		2016-1031	BACKLOT BETWEEN PAXTON AVE AND FREMONT AVE SEWER REHAB	3	5	40,000						
10401		2016-1032	800 SOUTH FROM 700 EAST TO LAKE ST SEWER REHAB	3	5	85,000						
10401	525002804	2016-1035	2700 SOUTH AND IMPERIAL ST SEWER REHAB	3	5	100,000						
10401	525002809	2016-1036	JUDITH ST BETWEEN ZENNITH AVE AND HUDSON AVE SEWER REHAB	3	5	50,000						
10401	525002826	2016-1038	HOLLYWOOD AVE FROM 900 EAST TO LINCOLN ST SEWER REHAB	3	5	50,000						
10401	525002797	2016-1039	2100 SOUTH FROM 1900 EAST TO PRESTON ST SEWER REHAB	3	5	20,000						
10401		2016-1040	CIPP SEWER ON 800 EAST FROM SOUTH TEMPLE TO 100 SOUTH	3	5	10,000	100,000					
10401		2016-1041	CIPP SEWER ON 600 SOUTH FROM 500 EAST TO 600 EAST	3	5	5,000	50,000					
10401		2016-1042	CIPP SEWER ON 600 SOUTH 600 EAST	3	5	5,000	50,000					
10401		2016-1044	CIPP SEWER ON 300 WEST FROM ORCHARD PL TO 600 SOUTH	3	5	5,000	50,000					
10401		2016-1047	CIPP SEWER ON EMERSON AVE BETWEEN 2200 EAST AND 2300 EAST	3	5	6,500	65,000					
10401		2016-1048	CIPP SEWER ON ROOSEVELT AVE AND 2200 EAST	3	5	3,000	30,000					
10401		2016-1058	CIPP SEWER ON DARWIN ST FROM GIRARD AVE TO ZANE AVE	3	5	5,000	50,000					
10401		2016-1059	CIPP SEWER ON 1040 SOUTH BONNEVILLE DR	3	5	5,000	50,000					
10401		2016-1077	CIPP SEWER ON 1100 EAST BETWEEN 100 SOUTH AND 200 SOUTH	3	5	6,000	60,000					
10401		2016-1078	CIPP SEWER ON 200 SOUTH BETWEEN 900 EAST AND 1000 EAST	3	5	6,000	60,000					
10401		2016-1081	CIPP SEWER ON 1000 EAST BETWEEN 200 SOUTH AND 300 SOUTH	3	5	4,000	40,000					
10401		2016-1089	CIPP SEWER ALLEY WEST OF 600 E BETWEEN 800 SOUTH AND 900 SOUTH	3	5	20,000	200,000					
10401		2016-1090	CIPP SEWER ON GRACE CT AND WILLIAMS AVE	3	5	3,000	36,000					
10401		2016-1091	CIPP SEWER ON ALLEY EAST OF 300 EAST BETWEEN 800 SOUTH AND 900 SOUTH	3	5	3,000	36,000					
10401		2016-1093	CIPP SEWER ON 1700 EAST AND PARLEYS CANYON BLVD	3	5	3,000	36,000					
10401		2016-1094	CIPP SEWER ON FOURTH AVE FROM A STREET TO B STREET	3	5	3,000	36,000					
10401		2016-1096	CIPP SEWER ON THIRD AVE FROM E STREET TO F STREET	3	5	8,000	85,000					
10401		2016-1097	CIPP SEWER ON J STREET BETWEEN THIRD AVE AND FOURTH AVE	3	5	17,000	170,000					
10401		2016-1098	CIPP SEWER ON SECOND AVE BETWEEN F STREET AND G STREET	3	5	15,000	150,000					
10401		2016-1099	D STREET FROM FIRST AVE TO SECOND AVE SEWER REHAB	3	5	60,000						
10401		2016-1102	CIPP SEWER ON K STREET FROM SOUTH TEMPLE TO FIRST AVE	3	5	7,000	70,000					
10401		2016-1100	CIPP SEWER ON E STREET BETWEEN FIRST AVE AND SECOND AVE	3	5	4,000	40,000					

**SEWER UTILITY CIP BUDGET**  
**Five Year Projected Budget 2021-2025**

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10401		2016-1103	CIPP SEWER ON 500 EAST BETWEEN SOUTH TEMPLE AND 100 SOUTH	3	5	10,000	105,000					
10401		2016-1104	CIPP SEWER ON SLADE PL AND 500 EAST	3	5	3,000	32,000					
10401		2016-1105	CIPP SEWER ON 300 SOUTH AND 300 EAST	3	5	65,000	642,000					
10401		2016-1110	CIPP ON A STREET BETWEEN SOUTH TEMPLE AND FIRST AVE	3	5	6,000	65,000					
10401		2016-1112	CIPP SEWER ON 200 EAST BETWEEN 200 SOUTH AND 300 SOUTH	3	5	6,000	60,000					
10401		2016-1113	CIPP SEWER ON 200 EAST BETWEEN 300 SOUTH AND 400 SOUTH	3	5	20,000	200,000					
10401		2016-1114	CIPP SEWER ON 200 WEST FROM 200 NORTH TO 300 NORTH	3	5	5,000	15,000					
10401		2016-1116	CIPP SEWER ON WEST TEMPLE BETWEEN 200 SOUTH AND 300 SOUTH	3	5	6,000	60,000					
10401		2016-1117	CIPP SEWER ON 200 SOUTH BETWEEN REGENT ST AND STATE ST	3	5	9,000	90,000					
10401		2016-1118	CIPP SEWER ON 200 SOUTH BETWEEN WEST TEMPLE AND MAIN ST	3	5	4,000	40,000					
10401		2016-1119	CIPP SEWER ON 400 SOUTH BETWEEN WEST TEMPLE AND MAIN ST	3	5	7,000	70,000					
10401		2016-1120	CIPP SEWER ON 400 SOUTH BETWEEN MAIN ST AND CACTUS ST	3	5	5,000	50,000					
10401		2016-1121	CIPP SEWER ON MENLO AVE AND 800 EAST	3	5	6,000	60,000					17,000
10401		2016-1125	CIPP SEWER ON 650 EAST SIXTEENTH AVE	3	5		8,000					80,000
10401		2016-1128	CIPP SEWER ON NORTHCREST DR BETWEEN I STREET AND ALOHA RD	3	5		5,000					18,000
10401		2016-1130	CIPP SEWER ON C STREET BETWEEN TENTH AVE AND ELEVENTH AVE	3	5		13,000					130,000
10401		2016-1141	CIPP SEWER ON J STREET BETWEEN EIGHTH AVE AND NINTH AVE	3	5		4,000					40,000
10401		2016-1143	CIPP SEWER ON A STREET FROM SIXTH AVE TO SEVENTH AVE	3	5		5,000					50,000
10401		2016-1146	CIPP SEWER AT 2930 EAST OQUIRRH DR	3	5		16,000					160,000
10401		2016-1147	CIPP SEWER ON 2725 EAST ST MARY'S WAY	3	5		28,000					280,000
10401		2016-1148	CIPP SEWER AT 3050 EAST SHERWOOD DR	3	5		5,000					15,000
10401		2016-1149	CIPP SEWER FROM 1441 SOUTH ROXBURY RD TO NOTTINGHAM WAY	3	5							300,000
10401		2016-1150	CIPP SEWER ON 1470 SOUTH CANTERBURY DR	3	5		5,000					55,000
10401		2016-1151	CIPP SEWER ON 1515 SOUTH DEVONSHIRE DR	3	5		6,500					65,000
10401		2016-1159	CIPP SEWER FROM 1785 SOUTH FOOTHILL DR TO BLAINE AVE	3	5		2,000					19,000
10401		2016-1182	CIPP SEWER ON EMERSON AVE FROM 2300 EAST TO FOOTHILL	3	5		3,500					35,000
10401		2016-1170	CIPP SEWER BETWEEN 1811 SOUTH FOOTHILL AND 1845 SOUTH FOOTHILL DR	3	5		30,000					300,000
10401		2016-1243	CIPP SEWER ON 2100 SOUTH BETWEEN MCCLELLAND ST AND 1100 EAST	3	5		4,000					40,000
10401		2016-1244	CIPP SEWER ON A STREET FROM FOURTH AVE TO FIFTH AVE	3	5							25,000
10401		2016-1196	CIPP SEWER FROM 2400 EAST KENSINGTON AVE TO 2440 EAST KENSINGTON AVE	3	5		8,000					80,000
10401		2016-1199	CIPP SEWER ON 800 EAST FROM PARKWAY AVE TO FAIRMONT CIR	3	5		25,000					250,000
10401		2016-1202	CIPP SEWER ON 800 EAST FROM FAIRMONT CIR TO 2551 SOUTH	3	5							11,000
10401		2016-1203	CIPP SEWER ON 800 EAST BETWEEN 2550 SOUTH AND STRATFORD	3	5							17,000
10401		2016-1204	CIPP SEWER FROM 2649 S 800 EAST TO 2681 S 800 EAST	3	5							17,000
10401		2016-1205	CIPP SEWER ON 600 WEST BETWEEN 100 SOUTH AND 200 SOUTH	3	5		7,000					70,000
10401		2016-1206	CIPP SEWER ON WENCO DR BETWEEN RIVERSIDE AND 1000 WEST	3	5							21,000
10401		2016-1210	CIPP SEWER ON KENDEN DR AND SCENIC DR	3	5		3,500					35,000
10401		2016-1211	CIPP SEWER AT PARLEYS WAY AND MAYWOOD DR	3	5		4,500					45,000
10401		2016-1217	CIPP SEWER ON GARFIELD AVE FROM 2130 EAST GARFIELD TO CONNER ST	3	5		3,500					35,000
10401		2016-1220	CIPP SEWER ON HANNIBAL ST FROM WILMINGTON AVE TO PARLEYS CANYON BL	3	5		10,000					100,000
10401		2016-1221	CIPP SEWER SUGAR HOUSE PARK (1630 E 2100 S)	3	5		30,000					300,000
10401		2016-1227	CIPP SEWER ON 900 EAST BETWEEN FAIRMONT CIR AND STRATFORD	3	5		7,000					70,000
10401		2016-1237	CIPP SEWER ON CLAYBOURNE AVE FROM 1300 EAST TO ALDEN ST	3	5		15,000					150,000
10401		2016-1238	CIPP SEWER ON 1000 EAST BETWEEN 2700 SOUTH AND 2800 SOUTH	3	5		70,000					70,000
10401		2016-1240	CIPP SEWER ON MCCLELLAND ST AT CRANDAL AVE	3	5							35,000
10401		2016-1250	CIPP SEWER ON H STREET BETWEEN FIFTH AVE AND SIXTH AVE	3	5							24,000
10401		2016-1252	CIPP SEWER ON 200 NORTH BETWEEN 550 WEST AND 600 WEST	3	5							22,000
10401		2016-1254	CIPP SEWER 745 SOUTH GUARDSMAN WAY	3	5		5,000					50,000
10401		2016-1255	CIPP SEWER 190 E SOUTH SANDRUN ROAD AND ROUNDTOLT DR	3	5							12,000
10401		2016-1257	CIPP SEWER 2340 EAST LOGAN WAY	3	5							7,000
10401		2015-0683	8TH AVE - FROM M ST TO L ST	3	4							22,000
10401		2016-0872	800 W 100 N TO 100 S BOTH SIDES	3	5		20,000					160,000
10401		2016-0907	600 W 300 - 400 N EAST SIDE	3	5		5,000					42,000
10401		2016-0962	CIPP SEWER LINE REPLACEMENT FROM 446 EAST TO 510 EAST ON NORTH HILLS DR	3	4							26,000
10401		2016-0963	CIPP SEWER LINE PROJECT FROM 1038 EAST NORTH BONNEVILLE DR TO 760 NORTH NORTHLAND D	3	4							25,000
10401		2016-0836	2600 E BLAINE AVE TO FOOTHILL	2	5							100,000
10401		2016-0837	ROXBURY ROAD FROM 1441 S TO 1300 S	3	5							160,000
10401		2016-0740	SOUTH TEMPLE FROM 1410 EAST TO 1380 EAST	3	5		6,000					52,000
10401	525002446	2016-0896	700 WEST FROM 250 NORTH TO 300 NORTH	4	5		25,000					250,000

**SEWER UTILITY CIP BUDGET**  
**Five Year Projected Budget 2021-2025**

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10401		2016-0899	STRATFORD AVE FROM 800 E TO 900 E CIPP INSTALLATION	3	4							29,000
10401		2016-0987	CIPP SEWER ON BLAINE AVE FROM FOOTHILL DR TO WASATCH	3	4							18,000
10401		2016-0988	CIPP SEWER BLAINE AVE 2600 EAST	3	4							18,000
10401		2016-0990	CIPP SEWER ON FOOTHILL DR FROM LAURELHURST DR TO PASCHAL CIRCLE	3	4							16,000
10401		2016-0970	CIPP SEWER LINE FROM 300 WEST TO 260 WEST ON REED AVE	3	5		4,000					33,000
10401		2016-0971	CIPP SEWER LINE ON 200 WEST FROM 600 NORTH TO GIRARD AVE	3	5		4,000					33,000
10401		2016-0972	CIPP SEWER VIRGINIA ST FROM MH 22062 TO POPPERTON WAY	3	4							22,000
10401		2016-0973	CIPP SEWER ON SEVENTH AVE FROM H STREET TO I STREET	3	5		5,000					46,000
10401		2016-0975	CIPP SEWER IN INTERNATIONAL CENTER ON NEIL ARMSTRONG ROAD	3	5		12,000					110,000
10401		2016-0976	CIPP SEWER ON DONNER WAY AND DONNER CIRCLE	3	4							8,000
10401		2016-0978	CIPP SEWER ON OAK HILLS WAY	3	4							66,000
10401		2016-0981	CIPP SEWER ON OQUIRRH DR FROM JAREN CIRCLE TO OAK HILLS DR	3	4							23,000
10401		2016-0983	CIPP SEWER ON ROXBURY RD FROM SHERWOOD DR TO NOTTINGHAM WAY	3	4							28,000
10401		2016-0984	CIPP SEWER ON WILTON WAY TO SHERWOOD DR	3	4							110,000
10401		2016-0985	CIPP SEWER ON ROXBURY ROAD	3	5		5,000					45,000
10401		2016-0986	CIPP SEWER ON APACHE CIRCLE	3	5		5,000					45,000
10401		2016-0996	CIPP SEWER 1700 SOUTH AND FOOTHILL DR	3	4							85,000
10401		2016-1000	CIPP SEWER ON 1700 SOUTH INDUSTRIAL ROAD	3	5		3,000					25,000
10401		2016-1022	CIPP SEWER ON BRYAN AVE FROM 1000 EAST TO 1100 EAST	3	5		8,000					75,000
10401		2016-1023	CIPP SEWER ON 1200 EAST FROM WOOD AVE TO MILTON AVE	3	5		20,000					200,000
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	4							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	4							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		2016-1050	CIPP SEWER 1675 TOMAHAWK DR TO CHANDLER DRIVE (BACKLOT)	3	4							10,000
10401		2016-1055	CIPP SEWER ON ARTIC CT AND 500 NORTH	3	4							20,000
10401		2016-1057	CIPP SEWER ON NORTH MAIN STREET FROM 300 NORTH TO APRICOT AVE	3	4							15,000
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		2016-1063	CIPP SEWER ON N STREET FROM SECOND AVE TO THIRD AVE	3	4							24,000
10401		2016-1064	CIPP SEWER ON SECOND AVE FROM P ST TO Q ST	3	4							21,000
10401		2016-1065	CIPP SEWER ON U STREET FROM SECOND AVE TO THIRD AVE	3	4							24,000
10401		2016-1068	CIPP SEWER ON P STREET BETWEEN FIRST AVE AND SECOND AVE	3	4							26,000
10401		2016-1069	CIPP SEWER ON Q STREET FROM FIRST AVE TO SECOND AVE	3	4							20,000
10401		2016-1070	CIPP SEWER ON FIRST AVE FROM Q ST TO R ST	3	4							21,000
10401		2016-1072	CIPP SEWER ON T STREET FROM FIRST AVE TO SECOND AVE	3	4							26,000
10401		2016-1073	CIPP SEWER ON SOUTH TEMPLE FROM N ST TO O ST	3	4							26,000
10401		2016-1074	CIPP SEWER ON SOUTH TEMPLE FROM P ST TO Q ST	3	5							900,000
10401		2016-1075	CIPP SEWER ON SOUTH TEMPLE FROM FEDERAL WAY TO WALCOTT ST	3	4							12,000
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		2016-1087	1700 SOUTH AND 1700 EAST SEWER REHAB	3	4							75,000
10401		2016-1088	CIPP SEWER ON FAYETTE AVE AND WEST TEMPLE	3	5							50,000
10401		2016-1010	CIPP SEWER ON 1000 EAST FROM SOUTH TEMPLE TO 100 SOUTH	3	4							55,000
10401		2016-1101	CIPP SEWER ON B STREET BETWEEN SOUTH TEMPLE AND FIRST AVE	3	4							12,000
10401		2016-1109	CIPP SEWER ON ELY PL AND 700 EAST	3	5							80,000
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	4							35,000
10401		2016-1123	CIPP SEWER ON 700 EAST EIGHTEENTH AVE	3	4							17,000
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

**SEWER UTILITY CIP BUDGET**  
**Five Year Projected Budget 2021-2025**

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10401		2016-1129	CIPP SEWER ON H STREET BETWEEN ELEVENTH AVE AND TWELFTH AVE	3	4							13,000
10401		2016-1131	CIPP SEWER ON H STREET BETWEEN TENTH AVE AND ELEVENTH AVE	3	4							25,000
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		2016-1144	CIPP SEWER ON 600 WEST FROM 400 NORTH TO 350 NORTH	3	4							21,000
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		2016-1154	CIPP SEWER CANTERBURY DR AND LANCASTER DR	3	4							19,000
10401		2016-1155	CIPP SEWER 1515 SOUTH DEVONSHIRE DR TO LANCASTER DR	3	4							14,000
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	4							15,000
10401		2016-1158	CIPP SEWER ON WASATCH DR BETWEEN 1700 SOUTH AND SKYLINE DR	3	4							150,000
10401		2016-1172	CIPP SEWER FROM 1911 SOUTH FOOTHILL TO 1975 SOUTH FOOTHILL	3	4							19,000
10401		2016-1197	CIPP SEWER ON LOGAN WAY AT 1700 SOUTH	3	4							10,000
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	4							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		2016-1216	CIPP SEWER ON 2000 EAST FROM DOWNINGTOWN AVE TO GARFIELD AVE	3	4							18,000
10401		2016-1218	CIPP SEWER ON 1700 SOUTH FROM 1860 EAST TO 1800 EAST	3	4							19,000
10401		2016-1219	CIPP SEWER ON 1700 EAST AND PARLEYS CANYON BL	3	4							4,000
10401		2016-1229	CIPP SEWER ON GLENMARE ST BETWEEN STRATFORD AVE AND 2700 SOUTH	3	5							19,000
10401		2016-1239	CIPP SEWER ON BEVERLY ST BETWEEN ATKIN AVE AND CLAYBOURNE AVE	3	4							17,000
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	4							80,000
10401		2016-1246	CIPP SEWER ON STATE STREET BETWEEN 126 N AND 200 NORTH	3	4							100,000
10401		2016-1248	CIPP SEWER ON C STREET BETWEEN FIFTH AVE AND SIXTH AVE	3	4							180,000
10401		2016-1253	CIPP SEWER ON 300 NORTH BETWEEN 550 WEST AND 600 WEST	3	4							20,000
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		2016-0964	CIPP SEWER PIPE 1480 EAST TOMAHAWK DRIVE	3	3							12,000
10401		2016-0965	CIPP SEWER PIPE FROM 1536 E TOMAHAWK DR TO CHANDLER DR	3	3							20,000
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
10401		2016-0974	CIPP SEWER ON 1500 WEST FROM TALISMAN DR TO 895 NORTH	3	4							100,000
10401		2016-0977	CIPP SEWER BONNEVILLE DR	3	3							70,000
10401		2016-0980	CIPP SEWER ON OQUIRRH DRIVE	3	5							160,000
10401		2016-0982	CIPP SEWER AT ST MARY'S WAY AND OQUIRRH DRIVE	3	3							110,000
10401		2016-1006	CIPP SEWER ON 4TH AVE FROM VIRGINIA ST TO U ST	3	5							55,000
10401		2016-1007	CIPP SEWER ON FORT DOUGLAS CIRCLE	3	5							30,000
10401		2016-1015	CIPP SEWER ON BERKELEY ST AND WILMINGTON AVE	3	3							19,000
10401		2016-1049	CIPP SEWER ON TOMAHAWK DR	3	3							10,000
10401		2016-1051	CIPP SEWER ON 1675 EAST TOMAHAWK DR	3	3							13,000
10401		2016-1052	CIPP SEWER ON VIRGINIA ST FROM CHANDLER DR TO KRISTIANNA CIR	3	3							12,000
10401		2016-1053	CIPP SEWER ON KRISTIANNA CIR AND VIRGINIA ST	3	3							120,000
10401		2016-1054	CIPP SEWER ON ROUNDTOLT DR TO EAST CAPITOL BLVD	3	3							80,000
10401		2016-1062	CIPP SEWER ON SECOND AVE FROM L STREET TO M STREET	3	5							40,000
10401		2016-1092	CIPP SEWER ON 2100 SOUTH 1410 EAST	3	3							29,000
10401		2016-1127	CIPP SEWER ON 550 EAST NORTHILLS DR	3	5							100,000
10401		2017-1305	1600 SOUTH INDUSTRIAL ROAD	1	5							25,000
10401		2016-0969	CIPP SEWER LINE ON 300 WEST FROM 400 NORTH TO BISHOP PL	3	4							25,000
10401		2016-1066	CIPP SEWER ON M STREET BETWEEN FIRST AND SECOND AVE	3	2							260,000
10401	525002849		1700 NORTH UNDER CITY DRAIN - BYPASS AND REHABILITATION	5	5	400,000						

**SEWER UTILITY CIP BUDGET**  
**Five Year Projected Budget 2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	DELAYED
		2016-0870	Easement North of Oquirrh Dr	3	4							50,000
		2016-0902	800 S and 1100 E Lateral Connections and Upstream Infiltration	3	4							60,000
		2017-2021	800 South 1200 East	2	5							80,000
		2017-1302	LEARNED AVE 1034 TO 1000 WEST	3	5							100,000
		2017-1307	2600 EAST 1750 TO 1889 SOUTH	2	4							
		2017-2016	630 South State Street East Side	1	5							30,000
		2017-2023	400 East 2100 - 1700 South	4	5							500,000
	525002922	2017-2040	1210 WEST PACIFIC AVE	3	5		200,000					
		2017-2036	350 West 600 South North Side	4	5							150,000
		2017-2037	1000 East Logan Ave	3	5							110,000
		2017-2038	700 to 800 West 300 North North Side	3	5							300,000
		2017-2041	420 South 700 West	1	5							50,000
		2017-2047	994 South Oak Hills	3	4							150,000
		2017-2048	248 West 200 South	1	5							150,000
		2017-2123	4200 West North Temple	5	5		60,000					500,000
		2018-1043	North Temple (from Main to West Temple) Capacity Project	4	4							600,000
	525002923	2018-1046	YALE AVE - 100 E to 200 E	3	5		300,000					80,000
	525002925	2019-1061	1300 S - LAIRD DRIVE	3	5		250,000					50,000
		2018-1001	190 East Social Hall	1	5							250,000
		2018-1008	CIPP on South Temple Between A and B Street	3	4							25,000
		2018-1009	CIPP on Q street from 4th ave to South Temple Including side shots	3	5							400,000
		2018-1010	CIPP on 3rd ave from C Street to E Street	2	5							90,000
		2018-1011	CIPP on 100 south from 750 - 800 West	2	5							75,000
		2018-1012	Spot Repair on Wasatch Drive at 1758 South	3	5							25,000
		2018-1021	Foothill Drive 1300-1000 South	4	5							200,000
		2018-1022	500 South, Main Street to State Street	1	2							40,000
		2018-1027	845 West 200 South	2	5							350,000
		2018-1039	900 East 100 - 200 South East Side	2	4							65,000
		2018-1042	100 South 800 - 700 East south side	3	4							65,000
		2018-1085	Emery Street 1000 South to 920 South	4	5							70,000
		2018-1086	18th Ave 630 - 724 East	2	5							800,000
		2018-1087	Laird Ave 1300 - 1100 East	2	4							120,000
		2018-1097	Rehab 15" and up pipe on 200 East including 500 South	4	4							2,000,000
			<b>POINT REPAIR PROGRAM (VARIOUS LOCATIONS)</b>									
10401	525002690	2015-0477	POINT REPAIRS IN SUPPORT OF CIPP PROGRAM (VARIOUS LOCATIONS)	3	5				350,000			1,000,000
			<b>TOTAL COLLECTION LINES</b>			8,175,500	12,608,500	1,670,000	5,850,000	15,600,000	13,400,000	91,983,000
			<b>MANHOLE REHAB PROGRAM (VARIOUS LOCATIONS)</b>									
10401		2015-0478	MANHOLE REHAB PROGRAM (VARIOUS LOCATIONS)	5	5	450,000		450,000				1,000,000
	525002832		500 SOUTH SURPLUS SIPHON VAULT REPLACEMENT (MH 052225)		6							
	525002875	2015-0478	FY 2019-2020 Manhole Rehab Program	5	5		450,000					
		2015-0646	Collection System Manhole Condition Assessment & Project Characterization									
						450,000	450,000	0	450,000	0	0	1,000,000
			<b>OTHER PROJECTS</b>									
10401	525002839	2015-0376	ON-CALL TASK ORDER GENERAL CONSTRUCTION SERVICES (VARIOUS LOCATIONS)		5							
10401	52520035	2015-0485	CONTRIBUTIONS BY DEVELOPERS	5	5	500,000	500,000	500,000	500,000	500,000	500,000	
	52510023	2016-1267	COLLECTION SYSTEM PROJECTS GENERAL SUPPORT - TASK 2	5	0	2,000,000	1,500,000	750,000	500,000			
	525002786		PROGRAM MANAGEMENT SERVICES - TASK 1			350,000	350,000					
		2016-0839	TDS REDUCTION PROGRAM	1	0							500,000
						2,850,000	2,350,000	1,250,000	1,000,000	500,000	500,000	500,000
			<b>MASTER PLAN IMPLEMENTATION PROGRAM</b>									
10401	525002524	2015-0279	500 SOUTH INTERCEPTOR - ORANGE TO 1000 WEST		5							
10401	525002698	2015-0286	MP12A - 700 SOUTH CAPACITY UPGRADES - 4650 WEST TO 3400 WEST	5	5	250,000						
10401	52490785	2016-1260	500 SOUTH DIVERSION, PHASE II (PUMP STATION)	5	5	2,000,000						



**SEWER UTILITY CIP BUDGET**  
**Five Year Projected Budget 2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	DELAYED
	525002850	2016-0926	MP11 - State Street 500 South Diversion Improvement	5	5		3,000,000					
10401		2016-0950	MP13 - BECK STREET TRUNK REPLACEMENT FROM 500 SOUTH AND STATE STREET TO 700 SOUTH A	5	5							18,000,000
10401	525002376		1800 NORTH BECK STREET TO THE PRETREATMENT PLANT	5	5	3,000,000						
	525002878	R19-0079	1800 North Sewer Realignment, Phase 1 - Inverted Siphon				200,000	9,000,000				
	525002879	R19-0082	1800 North Sewer Realignment, Phase 2 - Trunk Sewer				100,000	8,500,000				
	525002915	R19-0084	1800 North Sewer Realignment, Phase 3 - Rehabilitation						6,000,000			
10401	525002423	2015-0320	MP8A - 1500 SOUTH - 2700 WEST TO REDWOOD ROAD	4	5	500,000						
10401	525002631	2015-0280	ORANGE STREET - PHASE IV - INDIANA TO 1500 SOUTH	5	4							8,800,000
10401	52490787	2015-0269	MP12D - 700 SOUTH LIFT STATION (SS 10)	5	4	7,000,000	70,000					
10401		2016-0929	MP16 - 600 WEST AND 700 SOUTH TO 500 WEST AND 800 SOUTH	5	4				250,000			2,500,000
10401		2016-0930	MP17A - 900 SOUTH FROM RICHARD STREET TO MAIN STREET	5	4							
10401		2016-0931	MP17B - MAIN STREET FROM 800 SOUTH TO 900 SOUTH	5	4							1,750,000
10401		2016-0932	MP18 - 300 WEST FROM FAYETTE AVE TO 900 SOUTH	5	4							800,000
10401		2016-0940	MP19 - FOLSOM AVENUE FROM 500 WEST TO 1000 WEST	5	4							13,500,000
10401		2016-0941	MP20 - 700 WEST FROM 900 SOUTH TO 600 SOUTH	5	4							5,500,000
10401		2016-0942	MP21 - 100 SOUTH AND 300 WEST DIVERSION	5	4							360,000
10401		2015-0284	500 S SEWER REPLACEMENT FROM 3200 W TO ORANGE STREET	4	4							
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							250,000
10401	525002577	2016-0849	MP15 - 700 SOUTH INTERCEPTOR CAPACITY UPGRADE	4	4	3,000,000	3,000,000					
10401	525002584	2016-0905	MP7 - 100 SOUTH 1200 EAST DIVERSION FOR CAPACITY	4	4	400,000	350,000					300,000
10401		2016-0943	MP22 - PIONEER ROAD FROM CALIFORNIA AVENUE TO 1500 SOUTH	4	4							9,000,000
10401		2016-0947	MP24 - 400 SOUTH FROM 300 WEST TO 600 WEST	4	4							3,000,000
10401		2016-0953	MP31 - 600 SOUTH FROM 800 WEST TO 900 WEST	4	3							2,000,000
10401	525002507	2015-0321	MP8B - 3230 WEST - 1820 SOUTH TO 1670 SOUTH	3	4							
10401		2016-0952	MP30 - 200 EAST FROM 300 SOUTH TO 500 SOUTH	4	3							2,000,000
10401		2016-0946	MP23 - PARALLEL 1000 WEST 48-INCH TRUNK	4	3							20,000,000
10401		2016-1195	MP29 - BECK STREET TRUCK REPLACEMENT FROM 200 SOUTH AND 300 WEST TO STATE STREET AN	4	3							16,000,000
10401		2016-0841	500 S. PUMP AND THIRD FORCE MAIN INSTALLATION	5	1							10,000,000
10401		2016-0954	MP32 - 700 WEST FROM 700 SOUTH TO 500 SOUTH (EAST SIDE OF I-15)	3	3							3,000,000
10401	525002876	2016-0955	MP33 - 1300 EAST FROM 400 SOUTH TO 500 SOUTH	3	3	450,000	450,000					
10401		2015-0660	SATELLITE TREATMENT PLANT	5	0							405,500,000
		2016-0948	MP25 - Centennial Lift Station Discharge									5,000,000
		2016-0841	500 S. Pump and Third Force Main Installation	5	0							10,000,000
10401		2019-1123	700 S. PUMP AND THIRD FORCE MAIN INSTALLATION	5	2							10,000,000
		2019-1085	2300 E/WILMINGTON AVE/YUMA ST UPSIZING PROJECT	5	5							3,350,000
		2019-1086	EMERY STREET UPSIZING PROJECT	4	5				60,000			600,000
		2016-0842	MP12B&C - 500 South Capacity Upgrades (3400 West to Orange Street)	5	4							13,000,000
	525002940	2019-1082	2100 S CAPACITY UPGRADE PROJECT	5	5		750,000	6,000,000				
		2019-1105	SOUTH TEMPLE UPSIZING PROJECT						200,000	1,500,000		
		2019-1116	Gladiola Street Capacity Project									4,000,000
		2019-1117	Amelia Earhart Dr/Jimmy Doolittle Rd Upsizing Project									2,000,000
		2019-1118	2100 S Upsizing Project									1,500,000
		2019-1119	California Ave Upsizing Project									660,000
		2019-1120	South Temple/200 E Upsizing Project					60,000		600,000		
		2019-1121	700 S Upsizing Project									2,000,000
		2019-1122	N Wall St Upsizing Project									500,000
						16,600,000	7,920,000	23,500,000	6,570,000	2,100,000	0	591,120,000
			<b>Total Collection System</b>			35,908,500	36,763,500	32,190,000	23,605,000	25,525,000	26,175,000	702,743,000
	2730.20		<b>LANDSCAPING</b>									
5210401	525002689		NORTHWEST OIL DRAIN			150,000	100,000					
						150,000	100,000	0	0	0	0	0
			<b>TOTAL CAPITAL IMPROVEMENTS</b>			98,036,631	176,342,413	223,235,826	166,744,252	157,518,748	77,927,603	704,368,000

## SEWER UTILITY CAPITAL PURCHASES

### Projected Budget 2020-21

<u>Cost Center</u>	<u>Object Code</u>	<u>Asset Description</u>	<u>Budget Year 2020-21</u>
	<b>275010</b>	<b>Automobiles &amp; Trucks</b>	<b>Amount</b>
5212401		Chevrolet Colorado-type/4X4 with sampler shell	28,056.00
5211201		Ford Escape	25,000.00
5210601		GMC Sierra 2500	31,000.00
5210601		Ford E-450	171,980.00
5210601		Chevy or similarMid-sized SUV 4X4	48,000.00
5210601		1 ton dump truck/extended cab/winch/ 4WDFord	48,000.00
			<b>\$ 352,036.00</b>
	<b>275030</b>	<b>FIELD MAINTENACE EQUIPMENT</b>	<b>Amount</b>
5210601		Backhoe Exchange Program	8,000.00
5210601		Quickview Haloptic Pole Camera	20,000.00
			<b>\$ 28,000.00</b>
	<b>276090</b>	<b>OTHER NON-MOTIVE EQUIPMENT</b>	
5211401		Posm Software for licensing, setup and maintenance	55,000.00
5211201		Replace a Submersible Hydraulic Power Pump	2,500.00
5211201		Replace a Hydraulic Pump Power Unit	7,800.00
5211401		Lidar enabled drone	10,000.00
	<b>276050</b>	<b>OFFICE FURNITURE AND EQUIPMENT</b>	
5211401		Replacement full function Printer Water Reclamation Plant	6,500.00
	<b>276020</b>	<b>TREATMENT PLANT EQUIPMENT</b>	
5211201		End Mill replacement	85,000.00
5211201		#2 Water Pump Replacement	85,000.00
5211201		Switchgear Back-up Battery Replacement	40,000.00
			<b>\$ 291,800.00</b>
		<b>Total</b>	<b>\$ 671,836.00</b>

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

**STORMWATER UTILITY BUDGET SUMMARY  
FY 2021-2023**

				Rate increase 0%	Rate increase 10%	Rate increase 15%
SOURCES	ACTUAL 2018-19	AMENDED BUDGET 2019-20	PROJECTED ACTUAL 2019-20	PROPOSED BUDGET 2020-21	FORECAST BUDGET 2021-22	FORECAST BUDGET 2022-23
<b>REVENUE &amp; OTHER SOURCES</b>						
<b>REVENUES</b>						
METERED SALES	\$ 9,556,566	\$ 9,740,500	\$ 9,740,500	\$ 9,740,500	\$ 10,714,550	\$ 12,321,733
INTEREST INCOME	184,128	20,820	125,901	199,670	82,090	9,940
OTHER REVENUES	73,847	1,000	52,637	65,000	65,000	65,000
TOTAL REVENUES	\$ 9,814,541	\$ 9,762,320	\$ 9,919,038	\$ 10,005,170	\$ 10,861,640	\$ 12,396,673
<b>OTHER SOURCES</b>						
GRANTS & OTHER RELATED REVENUES	\$ 267,586	\$ 516,000	\$ 516,000	\$ 352,000	\$ 352,000	\$ 352,000
COUNTY FLOOD CONTROL	-	-	-	-	-	-
IMPACT FEES	393,199	200,000	411,895	389,000	389,000	389,000
SHORT-TERM FINANCING	-	-	-	-	-	-
BOND PROCEEDS	-	14,581,000	14,581,000	-	6,125,000	-
TOTAL OTHER SOURCES	\$ 660,785	\$ 15,297,000	\$ 15,508,895	\$ 741,000	\$ 6,866,000	\$ 741,000
<b>TOTAL REVENUE &amp; OTHER SOURCES</b>	<b>\$ 10,475,326</b>	<b>\$ 25,059,320</b>	<b>\$ 25,427,933</b>	<b>\$ 10,746,170</b>	<b>\$ 17,727,640</b>	<b>\$ 13,137,673</b>
<b>EXPENSES &amp; OTHER USES</b>						
<b>EXPENDITURES</b>						
PERSONNEL SERVICES	\$ 2,674,181	\$ 3,187,954	\$ 3,187,954	\$ 3,628,930	\$ 3,737,800	\$ 3,849,930
OPERATING & MAINTENANCE	159,550	195,900	195,900	228,808	233,400	238,070
TRAVEL & TRAINING	6,048	16,265	16,265	25,165	25,670	26,180
UTILITIES	175,841	249,095	249,095	242,998	247,850	252,800
TECHNICAL SERVICES	194,982	1,307,164	1,307,164	1,454,013	1,483,094	1,512,755
PUBLIC SERVICES / STREET SWEEPING	819,605	819,605	819,605	819,605	836,000	852,720
DATA PROCESSING	400,744	304,000	304,000	455,000	464,100	473,380
FLEET MAINTENANCE	213,989	214,000	214,000	214,000	218,280	222,640
ADMINISTRATIVE SERVICE FEE	147,606	120,000	120,000	160,000	163,200	166,460
PAYMENT IN LIEU OF TAXES	125,942	100,434	100,434	124,259	126,740	129,270
BILLING COST	856,889	543,252	543,252	674,937	688,436	702,205
RISK MANAGEMENT	120,670	84,842	84,842	92,000	93,840	95,720
TRANSFERS TO GENERAL FUND	-	4,000	4,000	4,000	4,080	4,160
OTHER CHARGES AND SERVICES	10,652	1,025,857	1,025,857	49,444	50,440	51,440
TOTAL EXPENDITURES	\$ 5,906,699	\$ 8,172,368	\$ 8,172,368	\$ 8,173,159	\$ 8,372,930	\$ 8,577,730
<b>OTHER USES</b>						
CAPITAL OUTLAY	\$ 369,135	\$ 728,149	\$ 599,201	\$ 382,000	\$ 389,640	\$ 397,430
CAPITAL IMPROVEMENT BUDGET	1,930,726	13,991,102	13,991,102	7,943,000	5,291,000	4,840,000
COST OF DEBT ISSUANCE	-	81,000	81,000	-	-	-
DEBT SERVICES	1,020,035	1,225,000	1,010,482	1,463,701	1,528,691	1,655,568
TOTAL OTHER USES	\$ 3,319,896	\$ 16,025,251	\$ 15,681,785	\$ 9,788,701	\$ 7,209,331	\$ 6,892,998
<b>TOTAL EXPENSE &amp; OTHER USES</b>	<b>\$ 9,226,595</b>	<b>\$ 24,197,619</b>	<b>\$ 23,854,153</b>	<b>\$ 17,961,860</b>	<b>\$ 15,582,261</b>	<b>\$ 15,470,728</b>
<b>EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES</b>	<b>\$ 1,248,731</b>	<b>\$ 861,701</b>	<b>\$ 1,573,780</b>	<b>\$ (7,215,690)</b>	<b>\$ 2,145,379</b>	<b>\$ (2,333,055)</b>
<b>OPERATING CASH BALANCES</b>						
BEGINNING JULY 1	\$ 6,566,523	\$ 6,635,475	\$ 6,635,475	\$ 8,209,255	\$ 993,565	\$ 3,138,944
RESTRICTED / DESIGNATED	\$ (1,179,779)	\$ -	\$ -	\$ -	\$ -	\$ -
AVAILABLE JUNE 30	\$ 6,635,475	\$ 7,497,176	\$ 8,209,255	\$ 993,565	\$ 3,138,944	\$ 805,889
Cash Reserve Ratio	112%	92%	100%	12%	37%	9%
<b>Cash reserve goal above 10%</b>						

**STORMWATER UTILITY CASH FLOW**  
**FY 2021 BUDGET / FY 2022-2025 FORECAST**

	ACTUAL YEAR 2018-2019	PROJECTED YEAR 2019-2020	BUDGET YEAR 2020-2021	BUDGET YEAR 2021-2022	BUDGET YEAR 2022-2023	BUDGET YEAR 2023-2024	BUDGET YEAR 2024-2025
<b>REVENUE</b>							
STORMWATER CHARGES	\$ 9,556,566	\$ 9,740,500	\$ 9,740,500	\$ 10,714,550	\$ 12,321,733	\$ 13,553,906	\$ 14,909,297
OTHER INCOME	73,847	52,637	65,000	65,000	65,000	65,000	65,000
INTEREST INCOME	184,128	125,901	199,670	82,090	9,940	31,390	8,060
OPERATING INCOME	\$ 9,814,541	\$ 9,919,038	\$ 10,005,170	\$ 10,861,640	\$ 12,396,673	\$ 13,650,296	\$ 14,982,357
<b>OPERATING EXPENDITURES</b>							
OPERATING EXPENDITURES	\$ (5,906,699)	\$ (8,172,368)	\$ (8,173,159)	\$ (8,372,930)	\$ (8,577,730)	\$ (8,787,770)	\$ (9,003,180)
<b>NET INCOME EXCLUDING DEP.</b>	\$ 3,907,842	\$ 1,746,670	\$ 1,832,011	\$ 2,488,710	\$ 3,818,943	\$ 4,862,526	\$ 5,979,177
<b>OTHER INCOME &amp; EXPENSE</b>							
IMPACT FEES	\$ 393,199	\$ 411,895	\$ 389,000	\$ 389,000	\$ 389,000	\$ 389,000	\$ 389,000
NET BOND PROCEEDS	-	14,500,000	-	6,125,000	-	-	-
COST OF ISSUANCE (PROCEEDS)	-	81,000	-	34,200	-	-	-
COST OF ISSUANCE (EXP.)	-	(81,000)	-	(34,200)	-	-	-
OTHER CONTRIBUTIONS	267,586	516,000	352,000	352,000	352,000	352,000	352,000
CAPITAL OUTLAY	(369,135)	(599,201)	(382,000)	(389,640)	(397,430)	(405,380)	(413,490)
SHORT-TERM DEBT	-	-	-	-	-	-	-
DEBT SERVICE (NEW)	-	-	(453,000)	(517,000)	(644,000)	(992,000)	(992,000)
DEBT SERVICE	\$ (1,020,035)	\$ (1,010,482)	\$ (1,010,701)	\$ (1,011,691)	\$ (1,011,568)	\$ (879,158)	\$ (530,047)
<b>OTHER INCOME &amp; EXPENSE</b>	\$ (728,385)	\$ 13,818,212	\$ (1,104,701)	\$ 4,947,669	\$ (1,311,998)	\$ (1,535,538)	\$ (1,194,537)
<b>CAPITAL GENERATION</b>							
GENERATED FOR CAPITAL	\$ 3,179,457	\$ 15,564,882	\$ 727,310	\$ 7,436,379	\$ 2,506,945	\$ 3,326,988	\$ 4,784,640
<b>CAPITAL IMPROVEMENTS</b>							
CAPITAL IMPROVEMENTS	\$ (1,930,726)	\$ (13,991,102)	\$ (7,943,000)	\$ (5,291,000)	\$ (4,840,000)	\$ (4,000,000)	\$ (4,200,000)
<b>BEGINING CASH BALANCE</b>	\$ 6,566,523	\$ 6,635,475	\$ 8,209,255	\$ 993,565	\$ 3,138,944	\$ 805,889	\$ 132,877
<b>CASH INCREASE/(DECREASE)</b>	\$ 1,248,731	\$ 1,573,780	\$ (7,215,690)	\$ 2,145,379	\$ (2,333,055)	\$ (673,012)	\$ 584,640
<b>RESTRICTED/DESIGNATED</b>	\$ (1,179,779)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>ENDING CASH AVAILABLE</b>	\$ 6,635,475	\$ 8,209,255	\$ 993,565	\$ 3,138,944	\$ 805,889	\$ 132,877	\$ 717,517
<b>Cash Reserve Ratio</b>	132%	100%	12%	37%	9%	2%	8%
<b>DEBT SERVICE COVERAGE</b>	3.83	1.73	1.25	1.63	2.31	2.60	3.93
<b>RATE CHANGE</b>	10%	10%	0%	10%	15%	10%	10%
Revenue	10,475,326	10,846,933	10,746,170	11,602,640	13,137,673	14,391,296	15,723,357
<b>DEBT SERVICE % OF GROSS OPERATING REVENUE</b>	10%	10%	15%	14%	13%	14%	10%
<b>RESIDENTIAL BILL FOR 1 ERU (or .25 acre)</b>	4.94	5.43	5.43	5.97	6.87	7.56	8.32

**STORMWATER CIP BUDGET**  
**Five Year Projected Budget 2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	DELAYED
53-10301	2720.05		<b>LIFT STATIONS</b>									
10301	534710104	2015-0435	VARIOUS PUMP STATIONS	5	5	50,000	50,000		100,000	100,000	100,000	
10301	53471046	2015-0434	LIFT STATION REHABILITATION AT 400 WEST AND 1300 SOUTH - NORTH SIDE	5	4							35,000
10301	53471040		SWEDE TOWN LIFT STATION	3	0			700,000				
10301	53471038	2015-0140	OIL DRAIN LIFT STATION - GABION BASKETS RECONSTRUCTION	5	4							58,000
10301	534710103	2015-0135	SD LIFT STATION AT 650 WEST AND 500 NORTH IMPROVEMENTS	4	4	14,000						107,500
10301		2015-0144	HARTLAND LIFT STATION ABANDONMENT	1	5							50,000
10301		2015-0145	300 WEST 1300 SOUTH LIFT STATION ABANDONMENT	1	2							50,000
						\$ 64,000	\$ 50,000	\$ 700,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 300,500
53-10301	2730.20		<b>DETENTION BASINS</b>									
			VARIOUS DETENTION BASINS	1	1			50,000	50,000	50,000	50,000	
		2019-1135	DETENTION BASIN 15 DEEPENING (700 NORTH 400 W DETENTION BASIN REHABILITATION)	4	4		140,000					
						\$ -	\$ 140,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -
53-10301	2730.12		<b>COLLECTION MAINS</b>									
			VARIOUS COLLECTION MAINS	4	5				130,000		300,000	2,500,000
	534701035	2019-1110	SOUTH TEMPLE - R STREET TO 800 EAST STORM DRAIN ASSESSMENT AND REHABILITATION	4	5		300,000	250,000				
		2019-1124	FULTON AVE STORM DRAIN	4	5		125,000					
	53470882	2017-2101	LEE DRAIN - PIPE OPEN CHANNEL WEST OF PIONEER ROAD	5	4		895,000					
	53470974		ORANGE STREET STORM DRAIN - NORTH TEMPLE TO I-80	5	0							500,000
	53470835	2015-0142	MIDDLE BRIGHTON RAILROAD CULVERT REHABILITATION	5	4			20,000				260,000
		2017-2034	RED BUTTE CREEK CULVERT AT 900 SOUTH - LINER	5	4					300,000		
	534700998	2016-0746	ABANDONMENT OF STORMWATER DITCH FROM WARM SPRINGS ROAD TO THE NORTH	4	4	60,000	350,000					
	534701029	2017-2098	PIPE REPLACEMENT AT 746 SOUTH ELIZABETH AND 750 S 1100 E	3	5		440,000					
		2015-0131	REPAIR OUTLETS ON THE LEE DRAIN AT 4800 WEST	3	4			21,000	170,000			
	53470970	2016-0853	DITCH BANK EROSION PROTECTION - 600 NORTH 550 WEST	2	3	10,000	0		90,000			
	53470937	2015-0130	WQ - MONTAGUE CUTOFF- NEW 18" STORM DRAIN	4	0							61,500
		2015-0584	FOOTHILL DRIVE (2800 E) - EMIGRATION CREEK TO 2300 EAST	4	0							500,000
	53470881	2015-0143	1500 EAST STORM DRAIN	3	0							
	534701000	2016-0750	1700 SOUTH STORM DRAIN, FROM 2100 EAST TO EMIGRATION CREEK	3	0	1,100,000	1,100,000					
	53470994		CITY DRAIN CROSSING AT HUNTER STABLES									
	53470988		7200 WEST AND NORTH TEMPLE CULVERT REPLACEMENT AND CANAL REHABILITATION			250,000						
		2016-0855	NORTHWEST QUADRANT STORMWATER BETTERMENTS	5	5							14,000,000
		2018-1040	PIPING OF GOGGIN DRAIN AT HAROLD GATTY DRIVE	3	4							335,300
						\$ 1,420,000	\$ 3,210,000	\$ 291,000	\$ 390,000	\$ 300,000	\$ 300,000	\$ 22,356,800
			<b>CITY, COUNTY, STATE AND MISC. DRIVEN PROJECTS</b>									
10301	53470946	2015-0436	STORM DRAIN CITY/COUNTY/STATE PROJECTS	5	5	150,000	250,000	2,300,000	150,000	250,000	2,250,000	
	53470979		PROGRAM MANAGEMENT TOOLS	5	5	150,000	150,000					
10301	53470947	2016-0736	INDIANA AVENUE STORM DRAIN REDWOOD ROAD TO 3400 WEST	4	0							
10301	53470972		GLADIOLA AVE PHASE 1 - 500 SOUTH TO 900 SOUTH									
10301	534720005	2017-2033	STORMWATER RECEIVING STATION	4	4	150,000						
10301	53470971	2016-0741	1300 EAST - STORM DRAIN	3	4	1,200,000						
	53470936	R18-0054	NEW STORM DRAIN ON 5500 WEST FROM 700 SOUTH CUL-DE-SAC TO THE NORTH			1,500,000						
10301	513000039	2018-1017	<b>SURPLUS CANAL ENCROACHMENT AND PERMITTING</b>	5	5	50,000	50,000	50,000	50,000	50,000	50,000	
			700 SOUTH SD, MIDDLE BRIGHTON TO 5600 WEST			800,000						
			2700 SOUTH - HIGHLAND TO 20TH EAST			250,000	-250,000					
			1500 SOUTH - REDWOOD TO 2700 WEST			800,000						
			OVERLAY - VARIOUS					100,000	100,000	100,000	100,000	
	534700999	2015-0126	700 WEST - 2100 SOUTH TO 1700 SOUTH - PIPING OF OPEN DITCH	4	3	1,000,000	300,000					
			LOCAL STREET DISTRICT 1 & 7			500,000	-400,000					
			500 EAST - 1700 SOUTH TO 2700 SOUTH			800,000	-500,000					
			2000 EAST - PARLEY'S TO CITY LIMIT			250,000	-50,000					
			900 SOUTH - 900 WEST TO 300 WEST, WEST TEMPLE TO 900 EAST			1,000,000	200,000					
			300 WEST - 900 SOUTH TO 2100 SOUTH				1,500,000					
			900 EAST - HOLLYWOOD TO 2700 SOUTH				1,500,000					

**STORMWATER CIP BUDGET**  
**Five Year Projected Budget 2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	DELAYED
			100 SOUTH - NORTH CAMPUS DRIVE TO 900 EAST				275,000					
			LOCAL STREETS DISTRICT 3 & 6				100,000					
			200 SOUTH - 400 WEST TO 900 EAST					500,000				
			LOCAL STREETS DISTRICTS 2 & 5					100,000				
			1100 EAST HIGHLAND , RAMONA TO WARNOCK						1,200,000			
			1100 EAST - 900 SOUTH TO RAMONA						700,000			
			1700 EAST - 1700 SOUTH TO 2700 SOUTH						700,000			
			300 NORTH - 300 WEST TO 1000 WEST						200,000			
			LOCAL STREETS DISTRICT 4 & 7						100,000			
			VIRGINIA STREET - SOUTH TEMPLE TO 11TH AVE							1,200,000		
			1300 EAST - 2100 SOUTH TO 3000 SOUTH						500,000			
			W TEMPLE - NORTH TEMPLE TO 400 SOUTH						250,000			
			LOCAL STREETS 3 & 6						100,000			
			2100 SOUTH - 700 EAST TO 1700 EAST									2,000,000
			LOCAL STREETS DISTRICT 1, 4 & 5									100,000
			GLADIOLA STREET - 900 SOUTH TO CALIFORNIA									
			WAKARA WAY - FOOTHILL DRIVE TO CHIPETA WAY									
						\$ 8,600,000	\$ 3,125,000	\$ 3,050,000	\$ 3,200,000	\$ 2,450,000	\$ 2,400,000	\$ 2,100,000
			<b>PUBLIC UTILITY DEFINED PROJECTS</b>									
			VARIOUS PUBLIC UTILITY DEFINED PROJECTS	4	4							
	534701008	2016-1200	CLEAN OUT BOX REHABILITATION	4	5	100,000	100,000	100,000	100,000	100,000	100,000	
10301		2016-1270	URBAN WETLAND TREATMENT FACILITY AT FAIRMONT PARK - PRE-DESIGN	3	0		20,000					
10301		2016-0854	GREEN INFRASTRUCTURE AT HOOTEN BUILDING -ROOF DRAIN INFILTRATION	2	0	10,000	30,000					
10301	53470973	2016-1086	STORM WATER QUALITY - DESIGN FOR MAJOR OUTFALLS	3	0	100,000	100,000					
		2020-1021	STORM WATER QUALITY - RETROFITS	4	4		150,000	150,000	100,000	100,000	100,000	100,000
		2020-1022	PHRAGMITE CONTROL	3	5		50,000	50,000	50,000	50,000	50,000	50,000
10301		2015-0132	WQ - WETLANDS TREATMENT FACILITY AT BOY SCOUT DRIVE	1	0							1,000,000
						\$ 210,000	\$ 450,000	\$ 300,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,150,000
			<b>RIPARIAN CORRIDOR PROJECTS</b>									
			VARIOUS RIPARIAN CORRIDOR PROJECTS				175,000	250,000	250,000	250,000	250,000	
		2020-1023	RIPARIAN CORRIDOR ASSESSMENT				75,000					
10301	53473027	2015-0138	WQ - ROTARY PARK RCO IMPROVEMENTS AND WATER QUALITY FEATURE	4	3							
	STW-1		LEM, R02B , LOWER HOGLE ZOO	3	4							
10301		2016-1201	1700 SOUTH STORM WATER TREATMENT FACILITY	3	0							250,000
10301		2015-0610	RED BUTTE AT 1300 EAST - RIPARIAN ENHANCEMENTS	2	0							10,000
10301	534928	2015-0721	RIPARIAN CORRIDOR SIGNS	2	0							50,000
10301		2017-2085	CORNELL LIFT STATION WATER QUALITY IMPROVEMENTS - CONSTRUCTION	2	0							700,000
						\$ 1,700,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 3,136,500
			<b>LOCAL AREA PROJECTS ( * WORK BY CITY CREWS)</b>									
10301	534701007	2015-0437	VARIOUS LOCAL AREA PROJECTS PROJECTS	5	5	100,000	100,000	100,000	50,000	50,000	100,000	
10301	534701006	2015-0439	AVENUE CROSSWALKS / SID VARIOUS STREETS -DIP STONE REPLACEMENT	3	4	50,000	50,000	50,000	50,000	50,000	50,000	
10301	534701005	2015-0440	AVENUE CROSSWALKS AND ADA RAMPS	3	0	50,000	50,000	50,000	50,000	50,000	50,000	
10301	534701004	2015-0438	CONTRIBUTIONS BY DEVELOPERS	3	0	400,000	400,000	400,000	0	0	200,000	
	53475005		STORM DRAIN BOX DECK REPLACEMENT 2017/2018	5	5							
						\$ 600,000	\$ 600,000	\$ 600,000	\$ 150,000	\$ 150,000	\$ 400,000	\$ -
			<b>MASTER PLAN PROJECTS</b>									
			VARIOUS MASTER PLAN PROJECTS	5	5				400,000	400,000	400,000	190,400
						\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000	\$ 400,000	\$ 51,056,336
			<b>TOTAL COLLECTION LINES</b>				\$ 12,530,000	\$ 7,635,000	\$ 4,491,000	\$ 4,640,000	\$ 3,800,000	\$ 4,000,000
	2730.20		<b>LANDSCAPING</b>									
			VARIOUS LANDSCAPING PROJECTS				50,000	50,000	50,000	50,000	50,000	

**STORMWATER CIP BUDGET**  
**Five Year Projected Budget 2021-2025**

COST CENTER	PROJECT NUMBER	CAP REQUEST NUMBER	PROJECT DESCRIPTION	CRITICALITY RATING	CONDITION RATING	PAST BUDGET YEAR 2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	DELAYED
10301	53470934		NORTHWEST OIL DRAIN			150,000						
10200			900 SOUTH LANDSCAPING PROJECT 50% SHARE				68,000					
						\$ 150,000	\$ 118,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -
			<b>TOTAL CAPITAL IMPROVEMENTS</b>			\$ 12,744,000	\$ 7,943,000	\$ 5,291,000	\$ 4,840,000	\$ 4,000,000	\$ 4,200,000	\$ 80,100,136



## STORMWATER UTILITY CAPITAL PURCHASES

### Projected Budget 2020-21

<u>Cost Center</u>	<u>Object Code</u>	<u>Asset Description</u>	<u>Budget Year 2020-21</u>
	<b><u>275010</u></b>	<b><u>MOTIVE REPLACEMENT AUTOS &amp; TRUCKS</u></b>	<b><u>Amount</u></b>
5310201		1 ton dump - extended cab-winch- 4WD	60,000.00
5310201		1 ton dump - extended cab-winch- 4WD	60,000.00
5310201		FordE-450	255,000.00
			<b>\$ 375,000.00</b>
	<b><u>275030</u></b>	<b><u>FIELD MAINTENACE EQUIPMENT</u></b>	<b><u>Amount</u></b>
5310201		LinkbuiltAMI 54" Root Rake	7,000.00
			<b>\$ 7,000.00</b>
		<b>Total</b>	<b>\$ 382,000.00</b>

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

**STREET LIGHTING UTILITY BUDGET SUMMARY  
FY 2021-2023**

SOURCES	ACTUAL 2018-19	AMENDED BUDGET 2019-20	PROJECTED ACTUAL 2019-20	PROPOSED BUDGET 2020-21	FORECAST BUDGET 2021-22	FORECAST BUDGET 2022-23
<b><u>REVENUE &amp; OTHER SOURCES</u></b>						
<b><u>REVENUES</u></b>						
STREET LIGHTING FEES	\$ 4,295,249	\$ 4,198,227	\$ 4,295,249	\$ 4,224,298	\$ 4,224,298	\$ 4,224,298
INTEREST INCOME	151,603	30,000	30,000	8,000	8,000	8,000
OTHER REVENUES	2,599	9,000	9,000	6,659	6,659	6,659
TOTAL REVENUES	\$ 4,449,451	\$ 4,237,227	\$ 4,334,249	\$ 4,238,957	\$ 4,238,957	\$ 4,238,957
<b><u>OTHER SOURCES</u></b>						
GRANTS & OTHER RELATED REVENUES	\$ 72,839	\$ -	\$ -	\$ 27,841	\$ 27,841	\$ 27,841
TRANSFERS FROM GENERAL FUND	-	20,000	20,000	20,000	20,000	20,000
IMPACT FEES	-	-	-	-	-	-
BOND PROCEEDS	-	-	-	-	-	-
TOTAL OTHER SOURCES	\$ 72,839	\$ 20,000	\$ 20,000	\$ 47,841	\$ 47,841	\$ 47,841
<b>TOTAL REVENUE &amp; SOURCES</b>	<b>\$ 4,522,290</b>	<b>\$ 4,257,227</b>	<b>\$ 4,354,249</b>	<b>\$ 4,286,798</b>	<b>\$ 4,286,798</b>	<b>\$ 4,286,798</b>
<b><u>EXPENSES &amp; OTHER USES</u></b>						
<b><u>EXPENDITURES</u></b>						
PERSONNEL SERVICES	\$ 202,492	\$ 281,575	\$ 281,575	\$ 224,167	\$ 230,890	\$ 237,820
OPERATING & MAINTENANCE	1,241	6,994	6,994	6,994	7,134	7,280
TRAVEL & TRAINING	2,179	3,000	3,000	3,000	3,060	3,122
UTILITIES	670,582	1,011,206	1,011,206	1,011,500	1,031,730	1,052,366
TECHNICAL SERVICES	1,175,876	1,716,328	1,716,328	1,644,704	1,677,599	1,711,153
DATA PROCESSING	1,518	-	-	-	-	-
FLEET MAINTENANCE	-	-	-	-	-	-
ADMINISTRATIVE SERVICE FEE	41,074	20,000	20,000	48,000	48,960	49,940
PAYMENT IN LIEU OF TAXES	-	-	-	-	-	-
RISK MANAGEMENT	-	-	-	-	-	-
TRANSFERS TO GENERAL FUND	-	-	-	-	-	-
OTHER CHARGES AND SERVICES	2,046	2,298	2,298	9,498	9,688	9,886
TOTAL EXPENDITURES	\$ 2,097,008	\$ 3,041,401	\$ 3,041,401	\$ 2,947,863	\$ 3,009,061	\$ 3,071,567
<b><u>OTHER USES</u></b>						
CAPITAL OUTLAY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CAPITAL IMPROVEMENT BUDGET	2,251,421	1,725,000	1,725,000	2,240,000	2,240,000	2,240,000
DEBT SERVICES	103,437	103,000	140,979	191,834	193,534	193,583
TOTAL OTHER USES	\$ 2,354,858	\$ 1,828,000	\$ 1,865,979	\$ 2,431,834	\$ 2,433,534	\$ 2,433,583
<b>TOTAL EXPENSE &amp; OTHER USES</b>	<b>\$ 4,451,866</b>	<b>\$ 4,869,401</b>	<b>\$ 4,907,380</b>	<b>\$ 5,379,697</b>	<b>\$ 5,442,595</b>	<b>\$ 5,505,150</b>
<b><u>EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES</u></b>	<b>\$ 70,424</b>	<b>\$ (612,174)</b>	<b>\$ (553,131)</b>	<b>\$ (1,092,899)</b>	<b>\$ (1,155,797)</b>	<b>\$ (1,218,352)</b>
<b><u>OPERATING CASH BALANCES</u></b>						
BEGINNING JULY 1	\$ 5,838,244	\$ 5,280,952	\$ 5,280,952	\$ 4,727,821	\$ 3,634,922	\$ 2,479,125
RESTRICTED / DESIGNATED	\$ (627,716)	\$ -	\$ -	\$ -	\$ -	\$ -
AVAILABLE JUNE 30	\$ 5,280,952	\$ 4,668,778	\$ 4,727,821	\$ 3,634,922	\$ 2,479,125	\$ 1,260,773
Cash Reserve Ratio	252%	154%	155%	123%	82%	41%
<b>Cash reserve goal above 10%</b>						

**STREET LIGHTING UTILITY CASH FLOW**  
**FY 2021 BUDGET / FY 2022-2025 FORECAST**

	ACTUAL YEAR 2018-2019	PROJECTED YEAR 2019-2020	BUDGET YEAR 2020-2021	BUDGET YEAR 2021-2022	BUDGET YEAR 2022-2023	BUDGET YEAR 2023-2024	BUDGET YEAR 2024-2025
<b>REVENUE</b>							
STREET LIGHTING SALES	\$ 4,295,249	\$ 4,295,249	\$ 4,224,298	\$ 4,224,298	\$ 4,224,298	\$ 4,660,687	\$ 5,315,270
OTHER INCOME	6,475	9,000	6,659	6,659	6,659	6,659	6,659
INTEREST INCOME	147,727	30,000	8,000	8,000	8,000	8,000	8,000
OPERATING INCOME	\$ 4,449,451	\$ 4,334,249	\$ 4,238,957	\$ 4,238,957	\$ 4,238,957	\$ 4,675,346	\$ 5,329,929
<b>OPERATING EXPENSES</b>							
OPERATING EXPENSES	\$ (2,097,008)	\$ (3,041,401)	\$ (2,947,863)	\$ (3,009,061)	\$ (3,071,567)	\$ (3,135,382)	\$ (3,200,553)
<b>NET INCOME EXCLUDING DEP.</b>	\$ 2,352,443	\$ 1,292,848	\$ 1,291,094	\$ 1,229,896	\$ 1,167,390	\$ 1,539,964	\$ 2,129,376
<b>OTHER INCOME &amp; EXPENSE</b>							
BOND PROCEEDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OTHER CONTRIBUTIONS	72,839	20,000	47,841	47,841	47,841	47,841	47,841
CAPITAL OUTLAY	-	-	-	-	-	-	-
DEBT SERVICE	(103,437)	(140,979)	(191,834)	(193,534)	(193,583)	(193,560)	(197,876)
<b>OTHER INCOME &amp; EXPENSE</b>	\$ (30,598)	\$ (120,979)	\$ (143,993)	\$ (145,693)	\$ (145,742)	\$ (145,719)	\$ (150,035)
<b>CAPITAL GENERATION</b>							
GENERATED FOR CAPITAL	\$ 2,321,845	\$ 1,171,869	\$ 1,147,101	\$ 1,084,203	\$ 1,021,648	\$ 1,394,245	\$ 1,979,341
<b>CAPITAL IMPROVEMENTS</b>							
CAPITAL IMPROVEMENTS	\$ (2,251,421)	\$ (1,725,000)	\$ (2,240,000)	\$ (2,240,000)	\$ (2,240,000)	\$ (2,240,000)	\$ (2,240,000)
<b>OPERATING CASH BALANCES</b>							
BEGINING CASH BALANCE	\$ 5,838,244	\$ 5,280,952	\$ 4,727,821	\$ 3,634,922	\$ 2,479,125	\$ 1,260,773	\$ 415,018
CASH INCREASE/(DECREASE)	70,424	(553,131)	(1,092,899)	(1,155,797)	(1,218,352)	(845,755)	(260,659)
RESTRICTED/DESIGNATED	(627,716)	-	-	-	-	-	-
<b>ENDING BALANCE</b>	\$ 5,280,952	\$ 4,727,821	\$ 3,634,922	\$ 2,479,125	\$ 1,260,773	\$ 415,018	\$ 154,359
<b>Cash Reserve Ratio</b>	281.8%	155.4%	123.3%	82.4%	41.0%	13.2%	4.8%
<b>Debt Service Coverage</b>	22.74	9.17	6.73	6.35	6.03	7.96	10.76
<b>RATE CHANGE</b>	0%	0%	0%	0%	0%	10%	14%
<b>DEBT SERVICE % OF GROSS OP. REV.</b>	2.3%	3.3%	4.5%	4.6%	4.6%	4.1%	3.7%
<b>RESIDENTIAL BILL OF 1 ERU (or 75 ft)</b>	3.73	3.73	3.73	3.73	3.73	4.23	4.98

**STREET LIGHTING UTILITY CIP BUDGET**  
**Five Year Projected Budget 2021-2025**

COST CENTER	PROJECT NUMBER	PROJECT DESCRIPTION	BUDGET YEAR <u>2019-20</u>	CURRENT ESTIMATE` BUDGET YEAR <u>2020-21</u>	FY 21-22 Projected	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected
48-48001	2730.80	Base Level Projects	\$ 1,700,000	\$ 2,000,000	\$ 1,900,000	\$ 1,900,000	\$ 1,900,000	\$ 1,900,000
		Lighting Controls			\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
		Master Plan Projects			\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
		New SLCDPU Campus						
48-48101	2730.80	TIER 1 Projects	\$ 5,000	\$ 20,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
48-48201	2730.80	TIER 2 Projects	\$ 5,000	\$ 20,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
48-48301	2730.80	TIER 3 Projects	\$ 15,000	\$ 200,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
		NUMBER OF PROJECTS	8	xx	6	6	6	6
		TOTAL CAPITAL IMPROVEMENTS	\$ 1,725,000	\$ 2,240,000	\$ 2,240,000	\$ 2,240,000	\$ 2,240,000	\$ 2,240,000

## **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)	2020 Current Rate	2021 Proposed Rate	Current to Proposed	
			\$	%
3/4	9.28	9.28	0.00	0.00%
1	12.14	12.14	0.00	0.00%
1 1/2	19.29	19.29	0.00	0.00%
2	27.88	27.88	0.00	0.00%
3	50.76	50.76	0.00	0.00%
4	76.50	76.50	0.00	0.00%
6	148.03	148.03	0.00	0.00%
8	233.85	233.85	0.00	0.00%
10	605.76	605.76	0.00	0.00%

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

Meter Size (inches)	2020 Current Rate	2021 Proposed Rate	Current to Proposed	
			\$	%
3/4	12.53	12.53	0.00	0.00%
1	16.39	16.39	0.00	0.00%
1 1/2	26.04	26.04	0.00	0.00%
2	37.64	37.64	0.00	0.00%
3	68.53	68.53	0.00	0.00%
4	103.28	103.28	0.00	0.00%
6	199.84	199.84	0.00	0.00%
8	315.70	315.70	0.00	0.00%
10	817.78	817.78	0.00	0.00%

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

Flat Rate or Block	2020 Current Rate per ccf	2021 Proposed Rate per ccf	Current to Proposed	
			\$	%
Winter Rate Structure (November - March)				
Flat Rate	1.37	1.37	0.00	0.00%
Summer Rate Structure ( April - October)				
Block 1	1.37	1.37	0.00	0.00%
Block 2	1.87	1.87	0.00	0.00%
Block 3	2.59	2.59	0.00	0.00%
Block 4	2.76	2.76	0.00	0.00%

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

Flat Rate or Block	2020 Current Rate per ccf	2021 Proposed Rate per ccf	Current to Proposed	
			\$	%
Winter Rate Structure (November - March)				
Flat Rate	1.84	1.84	0.00	0.00%
Summer Rate Structure ( April - October)				
Block 1	1.84	1.84	0.00	0.00%
Block 2	2.52	2.52	0.00	0.00%
Block 3	3.50	3.50	0.00	0.00%
Block 4	3.73	3.73	0.00	0.00%

**Rate Structure**

Block	Current	Proposed
Flat Rate	All Usage	All Usage
Block 1	1 - 10 ccf	1 - 10 ccf
Block 2	11 - 30 ccf	11 - 30 ccf
Block 3	31 - 70 ccf	31 - 60 ccf
Block 4	>71 ccf	>61 ccf



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

Flat Rate or Block	2019 Current Rate per ccf	2020 Proposed Rate per ccf	Current to Proposed	
			\$	%
Winter Rate Structure (November - March)				
Flat Rate	1.49	1.49	0.00	0%
Summer Rate Structure ( April - October)				
Block 1	1.49	1.49	0.00	0%
Block 2	2.04	2.04	0.00	0%
Block 3	2.84	2.84	0.00	0%
Block 4	3.01	3.01	0.00	0%

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

Flat Rate or Block	2020 Current Rate per ccf	2021 Proposed Rate per ccf	Current to Proposed	
			\$	%
Winter Rate Structure (November - March)				
Flat Rate	2.01	2.01	0.00	0%
Summer Rate Structure ( April - October)				
Block 1	2.01	2.01	0.00	0%
Block 2	2.75	2.75	0.00	0%
Block 3	3.83	3.83	0.00	0%
Block 4	4.06	4.06	0.00	0%

**Rate Structure ( Same for City and County)**

Block	Current	Proposed
Flat Rate	All Usage	All Usage
Block 1	0-AWC	0-AWC
Block 2	AWC-300%	AWC-300%
Block 3	300%-700%	300%-600%
Block 4	>700%	>600%

\*CII= Commercial, Industrial, and Institutional

\*AWC = Average Winter Consumption. "AWC-300%" means usage greater than a customer's AWC and less

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

Flat Rate or Block	2020 Current Rate per ccf	2021 Proposed Rate per ccf	Current to Proposed	
			\$	%
Winter Rate Structure (November - March)				
Flat Rate	1.80	1.80	0.00	0.00%
Summer Rate Structure ( April - October)				
Block 1	1.80	1.80	0.00	0.00%
Block 2	2.50	2.50	0.00	0.00%
Block 3	2.66	2.66	0.00	0.00%

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

Flat Rate or Block	2020 Current Rate per ccf	2021 Proposed Rate per ccf	Current to Proposed	
			\$	%
Winter Rate Structure (November - March)				
Flat Rate	2.42	2.42	0.00	0.00%
Summer Rate Structure ( April - October)				
Block 1	2.42	2.42	0.00	0.00%
Block 2	3.37	3.37	0.00	0.00%
Block 3	3.59	3.59	0.00	0.00%

#### Rate Structure (Same for City and County)

Block	Current	Proposed
<b>Flat Rate</b>	All Usage	All Usage
<b>Block 1</b>	1CCF-Target Budget	1CCF-Target Budget
<b>Block 2</b>	Target Budget up to 300% of Target Budget	Target Budget up to 300% of Target Budget
<b>Block 3</b>	Over 300% of Target Budget	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	2020	2021	\$ Change	% Change
			Current Rate	Proposed Rate		
Residential Minimum Use	72 ccf	3/4	210.00	210.00	-	0.00%
Residential Low Use	96 ccf	3/4	242.88	242.88	-	0.00%
Residential Medium Use	255 ccf	3/4	556.95	556.95	-	0.00%
Residential High Use	838 ccf	1	2,016.94	2,016.94	-	0.00%
Industrial Use	96,476 ccf	2	155,257.60	155,257.60	-	0.00%
Commercial Use	11,597 ccf	2	18,227.45	18,227.45	-	0.00%

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

Account Type	Monthly Usage	Meter Size	2020	2021	\$ Change	% Change
			Current Rate	Proposed Rate		
Residential Minimum Use	6 ccf	3/4	17.50	17.50	-	0.00%
Residential Low Use	8 ccf	3/4	20.24	20.24	-	0.00%
Residential Medium Use	21 ccf	3/4	46.41	46.41	-	0.00%
Residential High Use	70 ccf	1	168.08	168.08	-	0.00%
Industrial Use	8,040 ccf	2	12,938.13	12,938.13	-	0.00%
Commercial Use	966 ccf	2	1,518.95	1,518.95	-	0.00%

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

Account Type	Annual Usage	Meter Size	2020	2021	\$ Change	% Change
			Current Rate	Proposed Rate		
Residential Minimum Use	72 ccf	3/4	283.50	283.50	-	0.00%
Residential Low Use	96 ccf	3/4	327.89	327.89	-	0.00%
Residential Medium Use	255 ccf	3/4	751.88	751.88	-	0.00%
Residential High Use	838 ccf	1	2,722.87	2,722.87	-	0.00%
Industrial Use	96,476 ccf	2	209,597.76	209,597.76	-	0.00%
Commercial Use	11,597 ccf	2	24,607.06	24,607.06	-	0.00%

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

Account Type	Monthly Usage	Meter Size	2020	2021	\$ Change	% Change
			Current Rate	Proposed Rate		
Residential Minimum Use	6 ccf	3/4	23.63	23.63	-	0.00%
Residential Low Use	8 ccf	3/4	27.32	27.32	-	0.00%
Residential Medium Use	21 ccf	3/4	62.66	62.66	-	0.00%
Residential High Use	70 ccf	1	226.91	226.91	-	0.00%
Industrial Use	8,040 ccf	2	17,466.48	17,466.48	-	0.00%
Commercial Use	966 ccf	2	2,050.59	2,050.59	-	0.00%

## Sewer Rate Change Comparisons

### Comparison of Monthly Sewer Class Rate Changes

#### Flow \$ Per CCF

Class	2020 Current Rate	2021 Proposed Rate	Current to Proposed	
			\$	%
1	2.29	2.70	0.41	17.95%
2	2.29	2.70	0.41	17.95%
3	2.29	2.70	0.41	17.95%
4	2.29	2.70	0.41	17.95%
5	2.29	2.70	0.41	17.95%
6	2.29	2.70	0.41	17.95%
7	Special Rate by Customer			

#### BOD \$ Per CCF

Class	2020 Current Rate	2021 Proposed Rate	Current to Proposed	
			\$	%
1	0.80	0.95	0.15	18.39%
2	1.31	1.55	0.24	18.34%
3	2.16	2.55	0.39	18.09%
4	3.09	3.65	0.56	18.06%
5	3.88	4.58	0.70	17.97%
6	4.78	5.64	0.86	18.02%
7	Special Rate by Customer			

#### TSS \$ Per CCF

Class	2020 Current Rate	2021 Proposed Rate	Current to Proposed	
			\$	%
1	0.58	0.69	0.11	19.34%
2	1.18	1.39	0.21	17.80%
3	2.01	2.37	0.36	18.15%
4	2.74	3.23	0.49	17.99%
5	3.55	4.20	0.65	18.25%
6	4.31	5.09	0.78	18.18%
7	Special Rate by Customer			

### Total Sewer Rate Per CCF

Class	2020 Current Rate	2021 Proposed Rate	Current to Proposed	
			\$	%
1	3.67	4.34	0.67	18.26%
2	4.78	5.64	0.86	18.02%
3	6.45	7.62	1.17	18.06%
4	8.12	9.58	1.46	18.00%
5	9.72	11.48	1.76	18.07%
6	11.38	13.43	2.05	18.06%
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 \$7.34. Propsed minimum charge is \$8.68

## **Proposed Sewer Rate Change Customer Impacts**

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

Account Type	Annualized Average Winter Water Usage (CCF)	2020	2021	\$ Changes	% Change
		Current Rate	Proposed Rate		
Residential Minimum Use	24 ccf	88.08	104.16	16.08	18.26%
Residential Low Use	48 ccf	176.16	208.32	32.16	18.26%
Residential Medium Use	96 ccf	352.32	416.64	64.32	18.26%
Residential High Use	180 ccf	660.60	781.20	120.60	18.26%
Industrial 2,4	24,168 ccf	153,225.12	180,776.64	27,551.52	17.98%
Commercial 2,1	408 ccf	1,705.44	2,015.52	310.08	18.18%

\*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)	2020	2021	\$ Changes	% Change
		Current Rate	Proposed Rate		
Residential Minimum Use	2 ccf	7.34	8.68	1.34	18.26%
Residential Low Use	4 ccf	14.68	17.36	2.68	18.26%
Residential Medium Use	8 ccf	29.36	34.72	5.36	18.26%
Residential High Use	15 ccf	55.05	65.10	10.05	18.26%
Industrial 2, 4	2,014 ccf	12,768.76	15,064.72	2,295.96	17.98%
Commercial 2,1	34 ccf	142.12	167.96	25.84	18.18%

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

## Stormwater Rate Change Comparisons

### Comparison of Monthly Stormwater Rate Changes

Account Type	ERUs	2020	2021	Changes	
		Current Rate	Proposed Rate	Current to	
				\$	%
Single and Duplex <.25 Acre	All ERU	5.43	5.43	0.00	0.00%
Single and Duplex >.25 Acre	All ERU	7.60	7.60	0.00	0.00%
Triplex and Fourplex	All ERU	10.87	10.87	0.00	0.00%
All other Parcels	Per ERU	5.43	5.43	0.00	0.00%

\*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**

				Changes	
		2020	2021	Current to Proposed	
Account Type	ERUs	Current Rate	Proposed Rate	\$	%
Residential less than .25 Acre	Any ERU	65.16	65.16	0.00	0.00%
Residential more than .25 Acre	Any ERU	91.20	91.20	0.00	0.00%
Industrial*	300 ERU	1,629.00	1,629.00	0.00	0.00%
Commercial	120 ERU	651.60	651.60	0.00	0.00%

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

				Changes	
		2020	2021	Current to Proposed	
Account Type	ERUs	Current Rate	Proposed Rate	\$	%
Residential less than .25 Acre	Any ERU	5.43	5.43	0.00	0.00%
Residential more than .25 Acre	Any ERU	7.60	7.60	0.00	0.00%
Industrial	25 ERU	135.75	135.75	0.00	0.00%
Commercial	10 ERU	54.30	54.30	0.00	0.00%

## **APPENDIX B: Supplemental Information**

## Water Rates Compared With Nearby States

RANKING	<i>Comparison of Recognizable Cities in Western States</i> City, State	AVERAGE MONTHLY CHARGES
1	FLAGSTAFF, ARIZONA (1)	\$126.30
2	CHEYENNE, WYOMING (2)	70.67
3	DENVER, COLORADO (3)	57.78
4	RENO, NEVADA (4)	51.14
5	PHOENIX, ARIZONA (5)	46.00
6	BOISE, IDAHO (6)	44.56
7	LAS VEGAS, NEVADA (7)	39.25
	<b>SALT LAKE CITY, UTAH (Proposed)</b>	<b>37.17</b>
8	<b>SALT LAKE CITY, UTAH (Current)</b>	<b>37.17</b>
9	HENDERSEN, NEVADA (8)	26.88

Comparisons assume 7,480 gallons per winter month and 23,936 gallons per summer month. Based on eight months Winter and four months Summer usage

## Sewer Rates Compared With Nearby States

RANKING	COMPARISON OF RECONIZABLE CITIES IN WESTERN STATES City, State	AVERAGE MONTHLY CHARGES
1	RENO, NV	\$48.20
2	BOISE, ID **	43.71
3	PHOENIX, AZ **	37.02
4	<b>SALT LAKE CITY (Proposed)</b>	<b>34.72</b>
5	FLAGSTAFF, AZ	32.01
6	CHYENNE, WY **	30.82
7	<b>SALT LAKE CITY (Current)</b>	<b>29.36</b>
8	DENVER, CO	28.06
9	HENDERSON, NV	25.78
10	LAS VEGAS, NV	20.26

Annual costs based on 12 months @ 5,984 gallons per month average winter water consumption

\*\* includes Monthly base rate

# Sewer Rates Compared With Local Cities

		ANNUAL
RANKING	CITY OR DISTRICT NAME	CHARGE *
1	CITY OF SOUTH SALT LAKE	502.66
2	KEARNS IMPROVEMENT DISTRICT **	424.55
	<b>SALT LAKE CITY (Proposed)</b>	<b>416.64</b>
3	MAGNA CITY	407.57
4	OGDEN CITY	375.84
5	WEST JORDAN CITY **	356.30
6	<b>SALT LAKE CITY (Current)</b>	<b>352.32</b>
7	GRANGER - HUNTER IMPROVEMENT DISTRICT	344.68
8	MURRAY CITY **	339.92
9	SOUTH VALLEY SEWER DISTRICT	330.80
10	MIDVALLEY IMPROVEMENT DISTRICT	291.33
11	TAYLORSVILLE-BENNION IMPROVEMENT DISTRICT **	273.48
12	COTTONWOOD IMPROVEMENT DISTRICT	258.59
13	SANDY SUBURBAN IMPROVEMENT DISTRICT	250.88
14	MT OLYMPUS IMPROVEMENT DISTRICT	232.93
15	SOUTH DAVIS SEWER DISTRICT	150.80

\* Annual cost based on 12 months @5,984 gallons per month average winter consumption. Flat rate based on monthly rate multiplied by 12.

\*\* Includes monthly base rate`

# Stormwater Rates Compared with Local Cities

RANKING	CITY NAME	CURRENT RATE
1	PLEASANT GROVE	13.10
2	PROVO	10.75
3	DRAPER CITY	9.00
4	OGDEN CITY	8.09
5	SOUTH JORDAN CITY	7.15
6	OREM	7.10
7	BOUNTIFUL CITY	7.00
8	AMERICAN FORK	6.00
9	SANDY CITY	6.00
10	WEST JORDAN CITY	5.58
	SALT LAKE CITY (PROPOSED)	5.43
11	SALT LAKE CITY (Current)	5.43
12	MURRAY CITY	4.65
14	TAYLORSVILLE CITY	4.00

# Public Utilities Department

## Local Area Water Rate Comparison - November 2019

(Highest to Lowest Ranking)

		MONTHLY	MINIMUM	RATE OVER		MONTHLY	WINTER @	SUMMER @	TOTAL	TOTAL	YEARLY TAX	
		MINIMUM	ALLOWANCE	MINIMUM	PER	FLOURIDE	7,480 GAL	23,936 GAL	WINTER	SUMMER	ON \$200,000	TOTAL
RANKING	CITY OR DISTRICT NAME	CHARGE	IN GALLONS	ALLOWANCE	GALLONS	CHARGE	PER MONTH	PER MONTH	CHARGES*	CHARGES*	PROPERTY	CHARGES
1	PARK CITY - GRADUATED RATES (1)	50.55	0	6.30 - 10.62	1,000		107.10	277.95	856.78	1111.80		1968.59
2	WEST JORDAN CITY (11)	35.35	0	2.19 - 2.90	1,000		51.89	94.98	415.16	379.94		795.09
3	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
4	DRAPER CITY - GRADUATED RATES (3)	20.25	0	2.05 - 3.71	1,000		39.08	97.00	312.65	388.01		700.66
5	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
6	OGDEN CITY - GRADUATED RATES (7)	21.55	0	1.85 - 2.83	1,000		36.84	86.02	294.71	344.08		638.79
7	RIVERTON CITY - GRADUATED RATES (5)	2.50	0	3.76 - 3.91	1,000		31.00	95.34	247.97	381.36		629.33
8	PLEASANT GROVE - GRADUATED RATES (6)	20.81	5,000	2.52 - 5.27	1,000		27.06	98.90	216.48	395.61		612.09
	SALT LAKE CITY - OUTSIDE OF CITY (Proposed)	12.53	0	1.84 - 3.50	748		30.93	88.33	247.44	353.32		600.76
9	SALT LAKE CITY - OUTSIDE OF CITY	12.53	0	1.84 - 3.50	748		30.93	88.33	247.44	353.32		600.76
10	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
11	MAGNA - GRADUATED RATES (10)	18.10	6,000	2.08 - 2.65	1,000	1.02	22.20	57.91	177.59	231.64	176.75	585.98
12	KEARNS IMPROVEMENT DIST-GRADUATED RATES (9)	11.60	0	2.33 - 2.92	1,000		29.03	75.59	232.23	302.37	47.87	582.47
13	SANDY CITY - INSIDE OF CITY (12)	14.43	0	1.64 - 2.53	1,000		28.01	69.65	224.12	278.59	34.21	536.92
	SALT LAKE CITY - INSIDE OF CITY (Proposed)	9.28	0	1.37 - 1.87	748		22.98	65.56	183.84	262.24	31.79	477.87
14	SALT LAKE CITY - INSIDE OF CITY (13)	9.28	0	1.37 - 1.87	748		22.98	65.56	183.84	262.24	31.79	477.87
15	GRANGER - HUNTER IMPROVEMENT DISTRICT (14)	13.00	0	1.77 - 2.05	1,000		26.30	58.91	210.42	235.64	26.68	472.73
16	BOUNTIFUL CITY - RESIDENTIAL HIGH ELEVATION	23.57	5,000	1.98	1,000		28.48	61.06	227.84	244.25		472.10
17	CITY OF SOUTH SALT LAKE	19.00	5,000	2.25	1,000	2.00	26.58	63.61	212.64	254.42		467.06
18	BOUNTIFUL CITY - RESIDENTIAL LOW ELEVATION	21.39	5,000	1.79	1,000		25.83	55.29	206.63	221.14		427.78
19	PROVO	16.86	0	0.96 - 1.59	1,000		24.04	54.92	192.33	219.67		412.00
20	OREM - GRADUATED RATES (17)	20.20	0	0.98 - 1.22	1,000		27.53	47.06	220.24	188.25		408.49
21	JVWCD	3.00	0	1.80 - 2.68	1,000		16.46	56.59	131.71	226.35	42.13	400.20
22	MURRAY CITY - GRADUATED RATES (16)	10.60	0	1.01 - 1.48	748		21.12	49.78	168.96	199.12		368.08
23	TAYLORSVILLE/BENNION IMPROVEMENT DISTRICT (15)	8.00	0	1.43 - 1.87	1,000		19.35	50.12	154.78	200.48	6.38	361.64

# Public Utilities Department

## Local Area Water Rate Comparison

### - November 2019 Continued

(Highest to Lowest Ranking)

#### CALCULATION OF COMPARISONS

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

*(1) RATES ARE \$6.30/THOUSAND FOR 0-5,000 GALLONS, \$10.10/THOUSAND FOR 5,001-15,000 GALLONS, & \$10.62/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 \$20.81 FOR 0-5,000 GALLONS, \$2.52/THOUSAND FOR 5,001-10,000 GALLONS, \$3.68/THOUSAND FOR 10,001-15,000 GALLONS & \$5.27/THOUSAND OVER 15,000 GALLONS*

*(7) RATES ARE \$1.85/THOUSAND FOR 0-6,000 GALLONS, \$2.83/THOUSAND FOR 6,001-12,000 GALLONS, & \$3.68/THOUSAND FOR OVER 12,000*

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

*(9) RATES ARE \$2.33/THOUSAND FOR 0-10,000 GALLONS & \$2.92/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 \$2.19/THOUSAND FOR 0-7,000 GALLONS, \$2.53/THOUSAND FOR 7,001-20,000 GALLONS, & \$2.90/THOUSAND FOR OVER 20,000 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 & \$2.05/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*

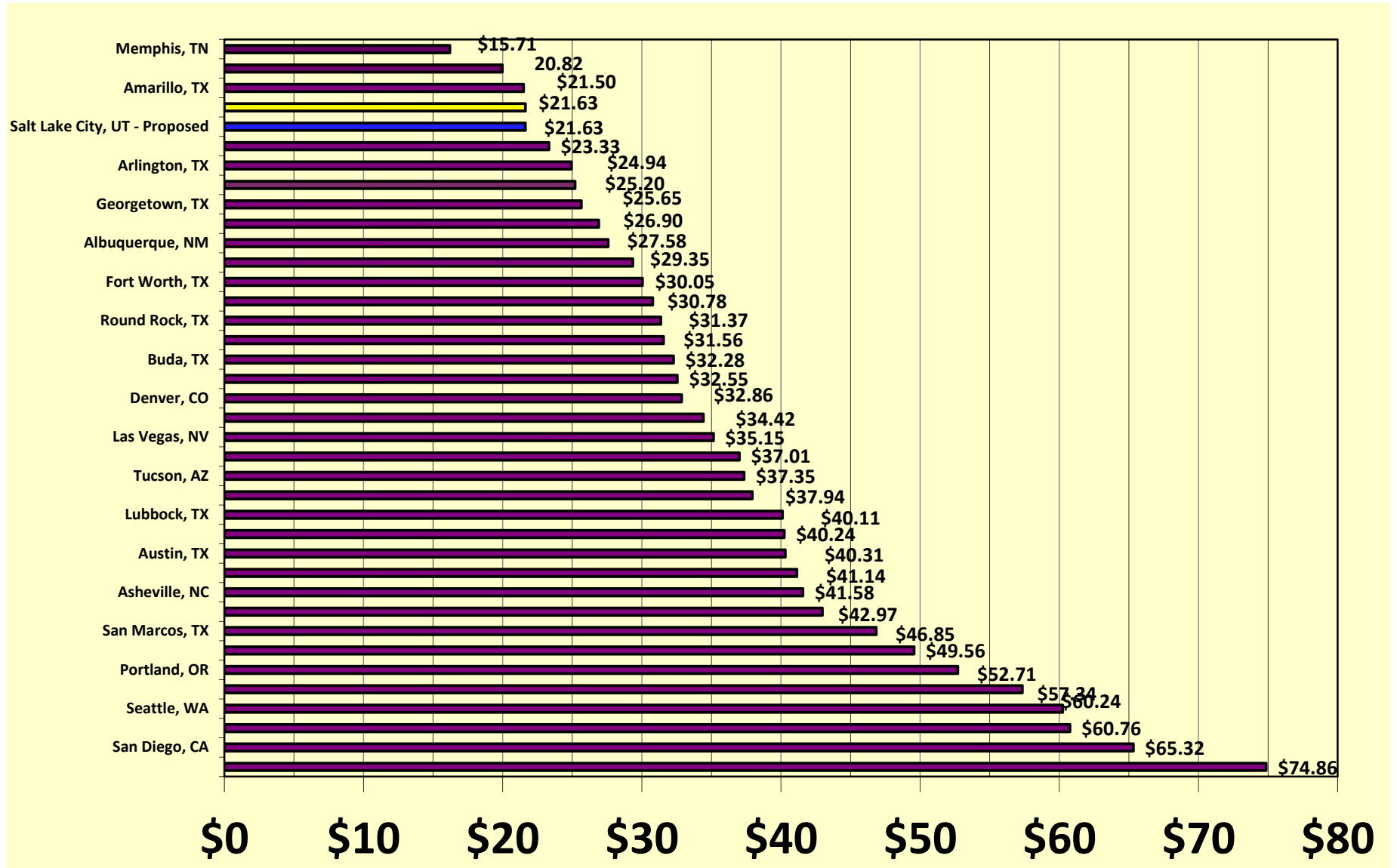
*(16) RATES ARE \$1.01/HUNDRED FOR 0-8 HCF, \$1.22/HUNDRED FOR 9-25 HCF & \$1.48/HUNDRED FOR 26-49 HCF*

*(17) RATES ARE \$.98/THOUSAND FOR 0-11,000 GALLONS, \$1.22/THOUSAND FOR 11,001-34,000 GALLONS*



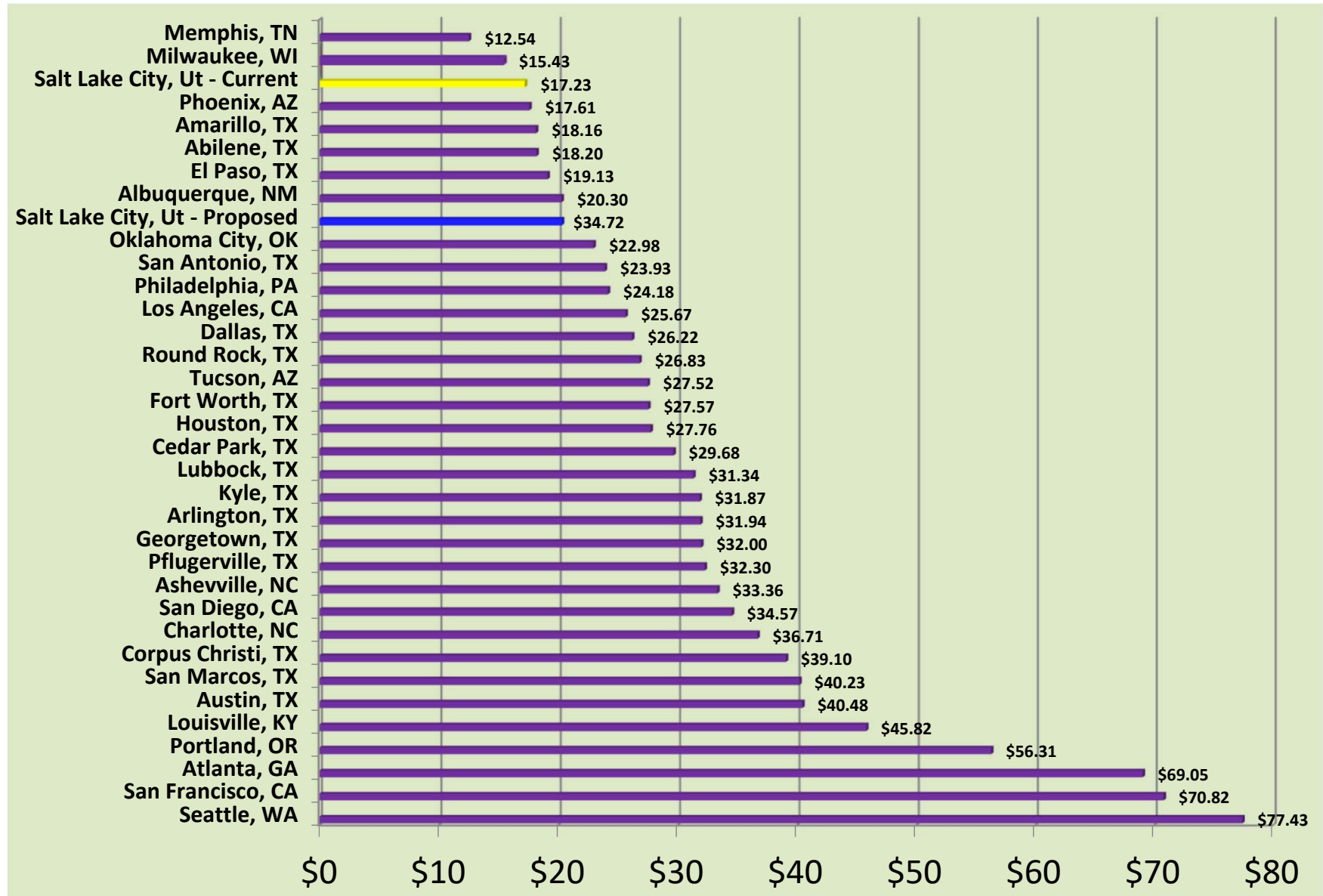
## AVERAGE MONTHLY BILL COMPARISON-WATER RESIDENTIAL CLASS

SLC Rates Current – Other City Rates as of March 2019 (Average of 5,800 gallons a month)



## Average Monthly Bill Comparison – Wastewater Residential

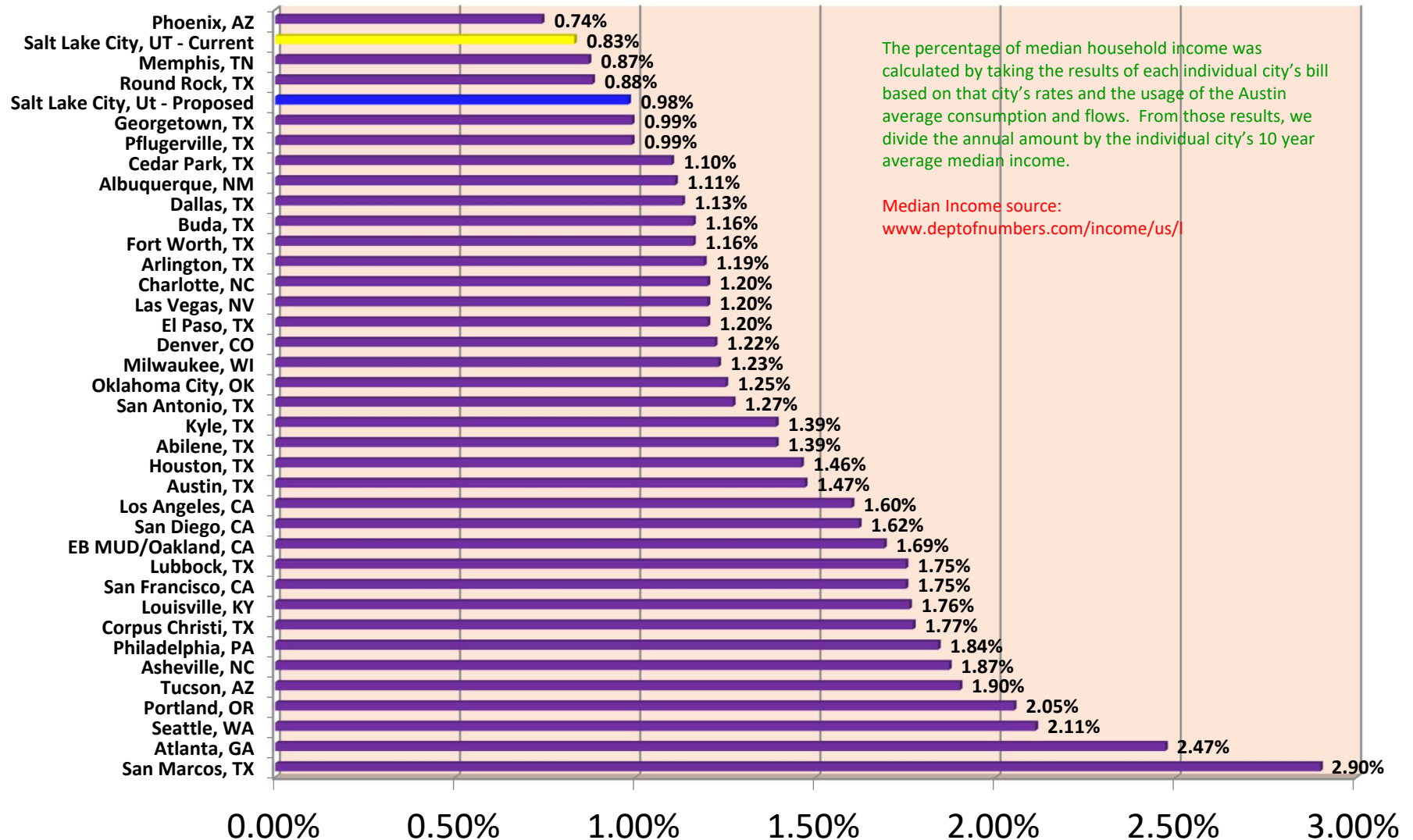
SLC Rates Current – Other City Rates as of March 2019 (Average of 4,000 Gallons of Flow)



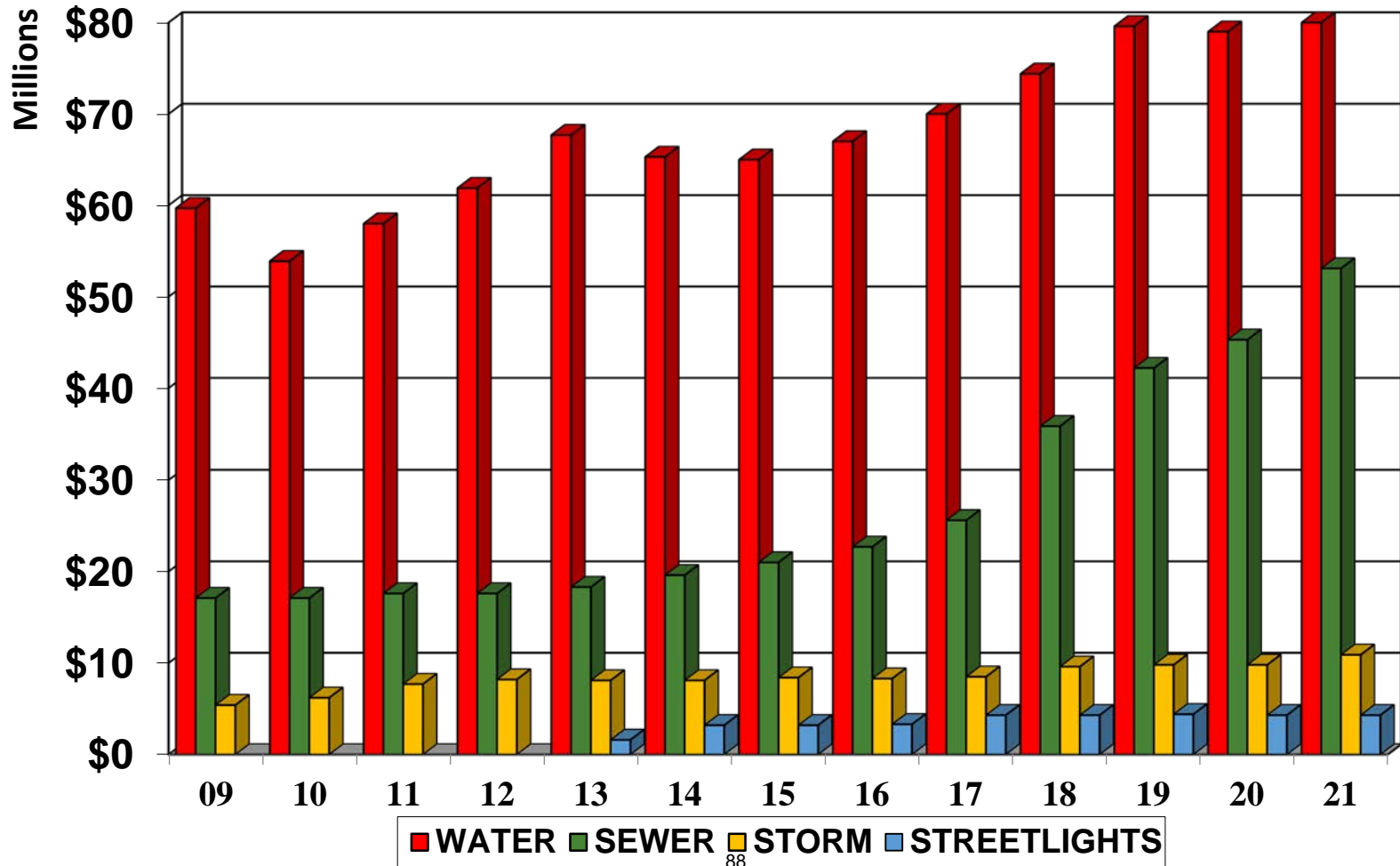
# Residential Water & Wastewater Bill

## Percent of Median Household Income

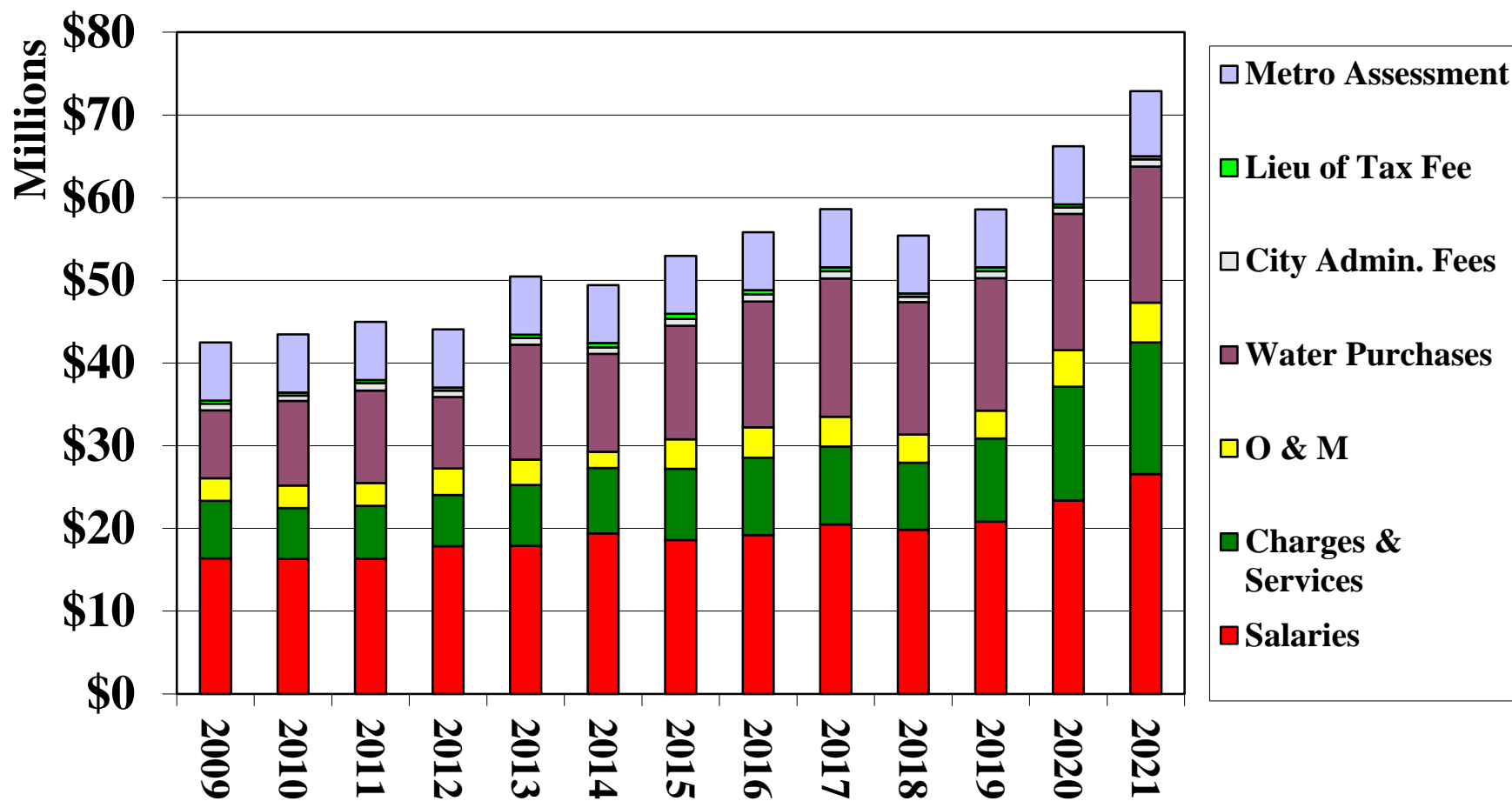
(Austin Average Consumption & Flows as of March 2019 )



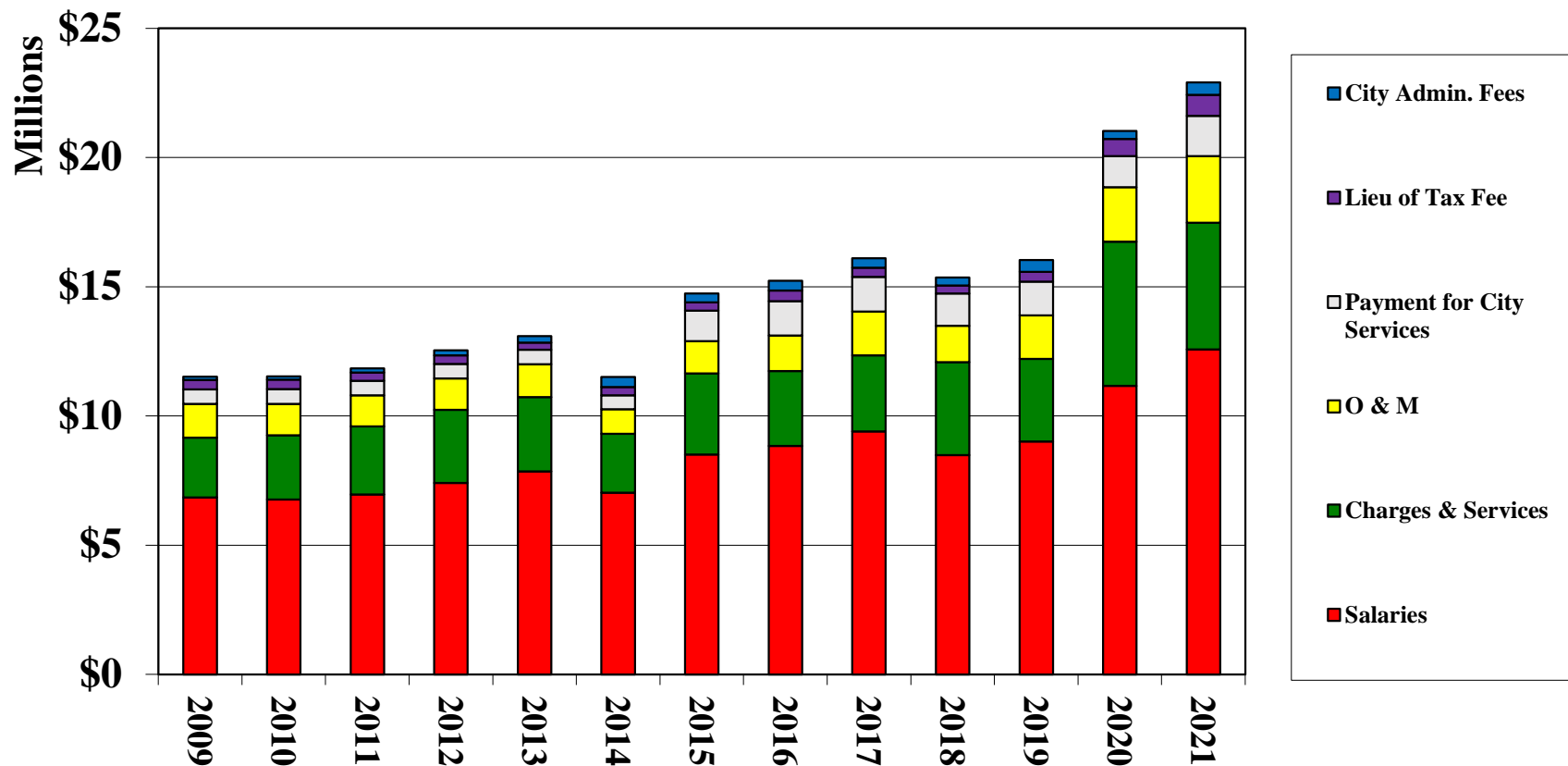
# Public Utilities Operating Revenue



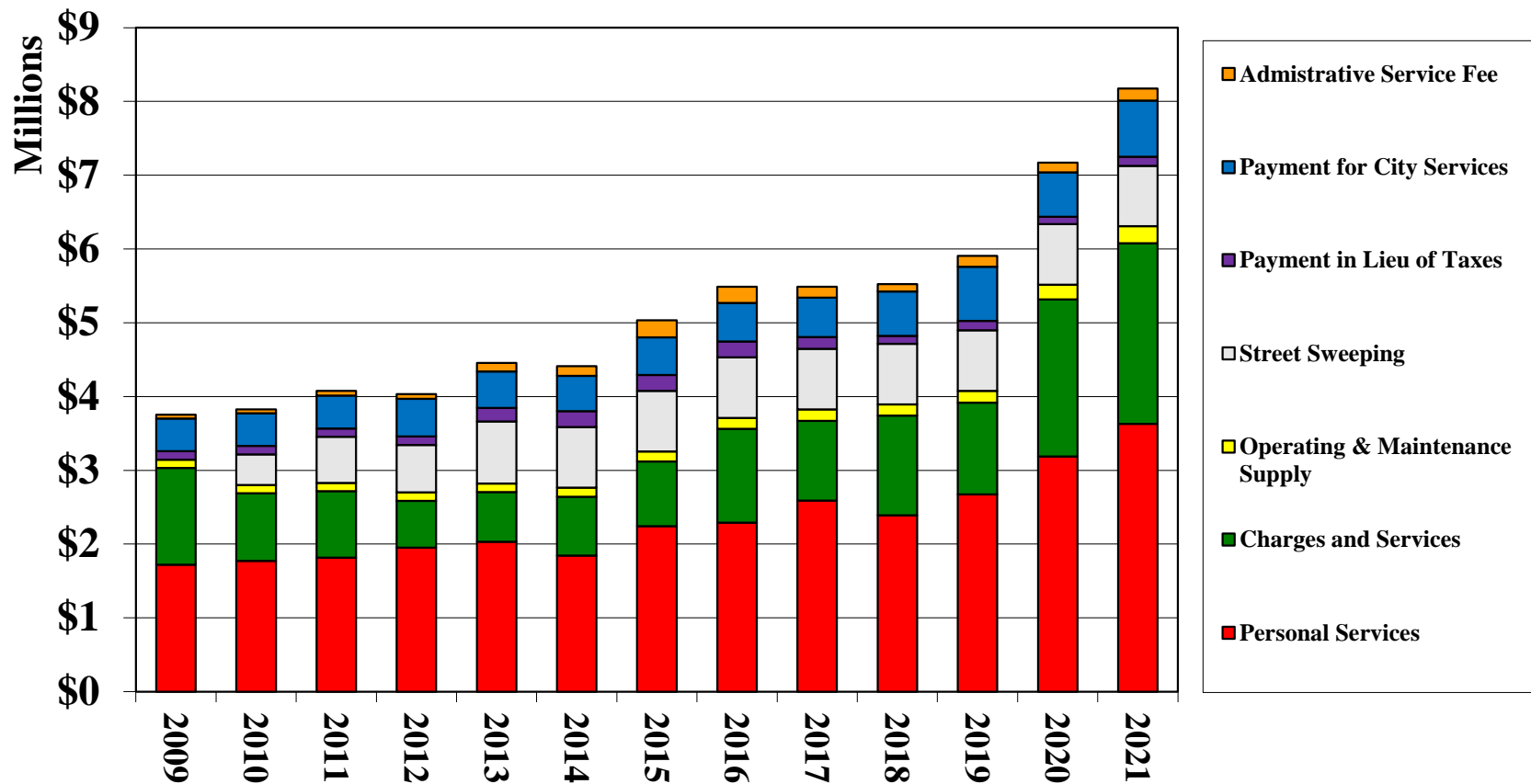
# WATER UTILITY OPERATING COSTS



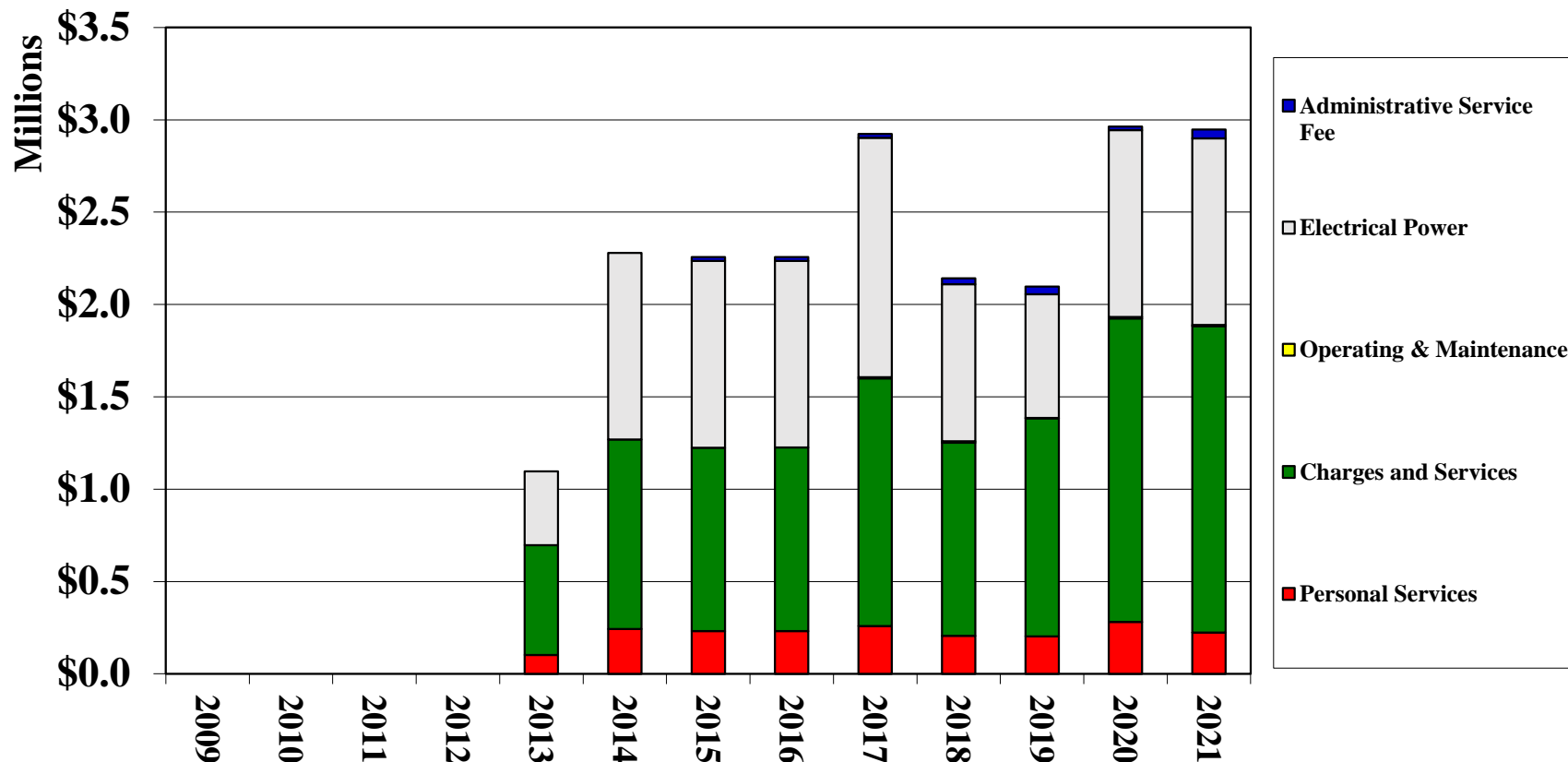
# SEWER UTILITY OPERATING COSTS



# STORM WATER UTILITY OPERATING COSTS

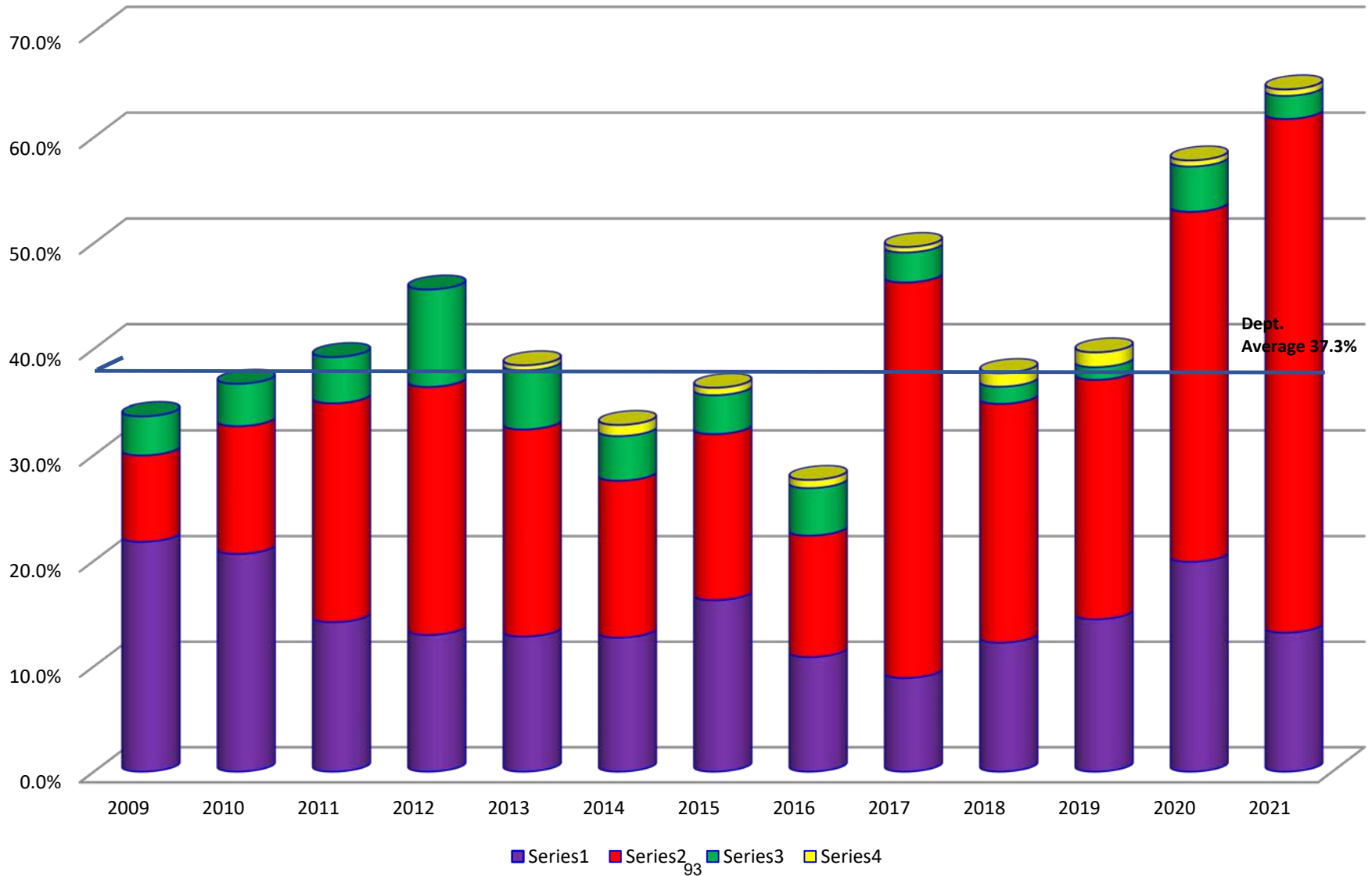


# STREET LIGHTING UTILITY OPERATING COSTS

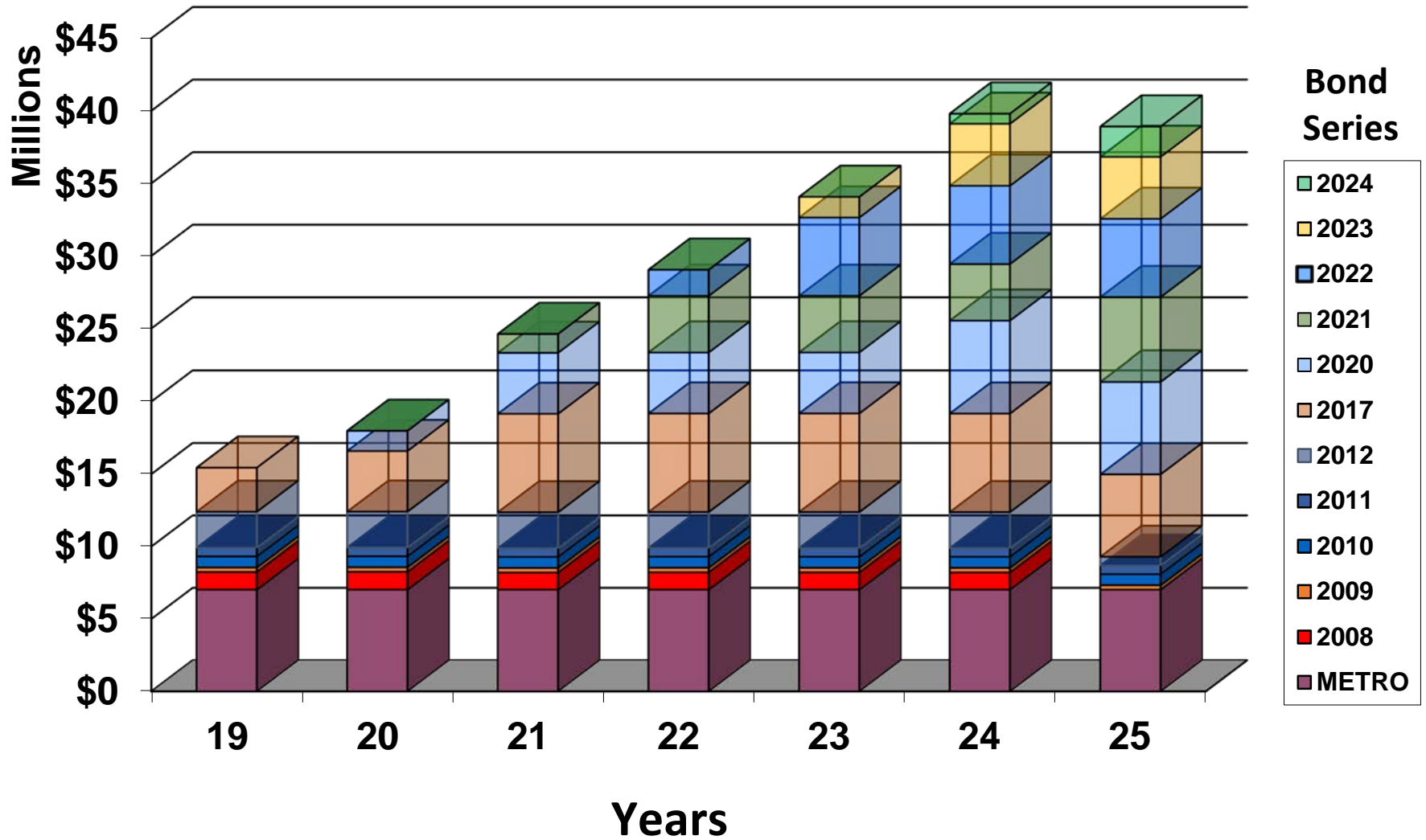




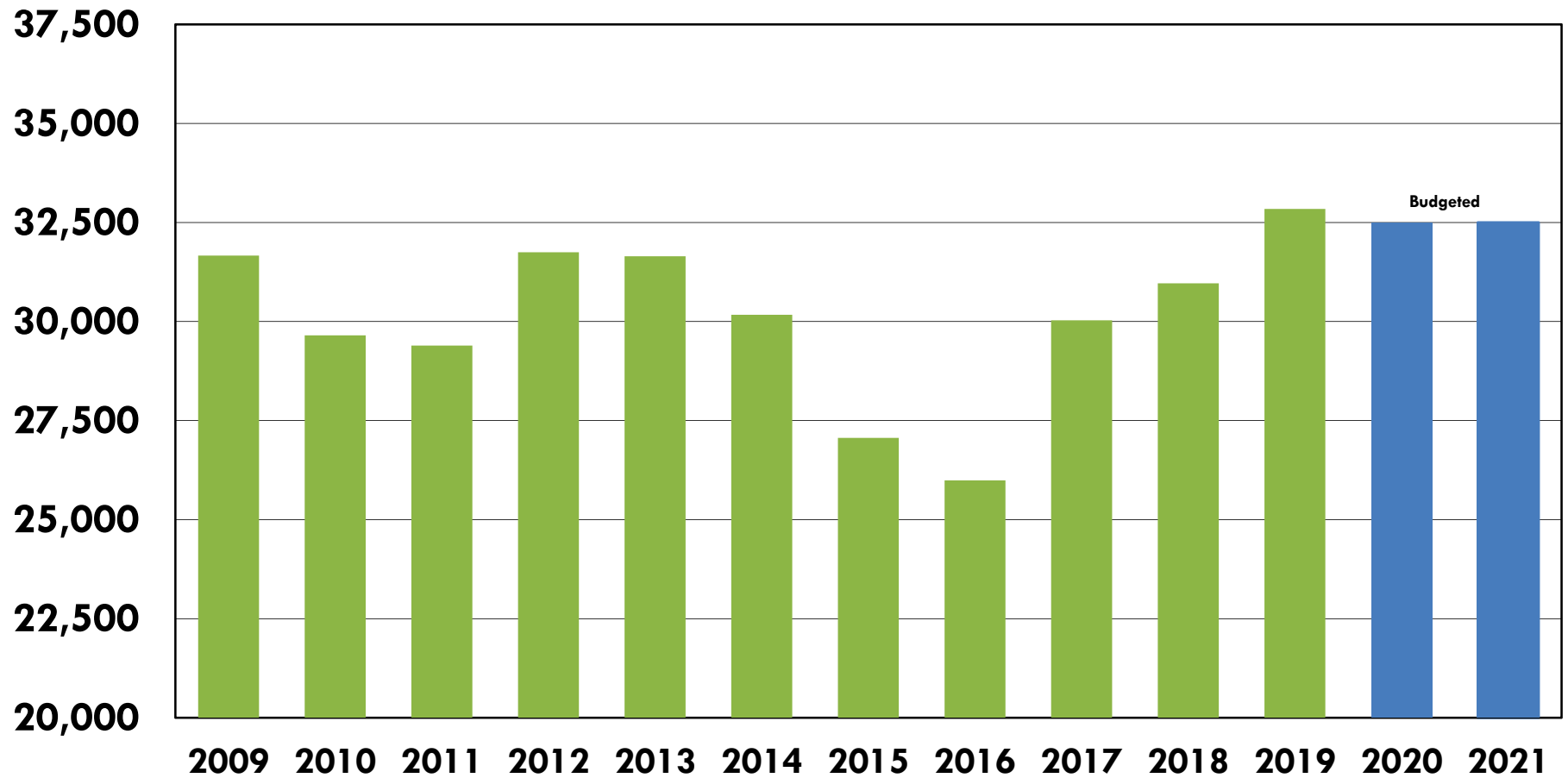
## Public Utilities CIP Budget as a Percent of Department Requested Budget



# Public Utilities Proposed Debt Service Schedule and Metropolitan Water Assessment



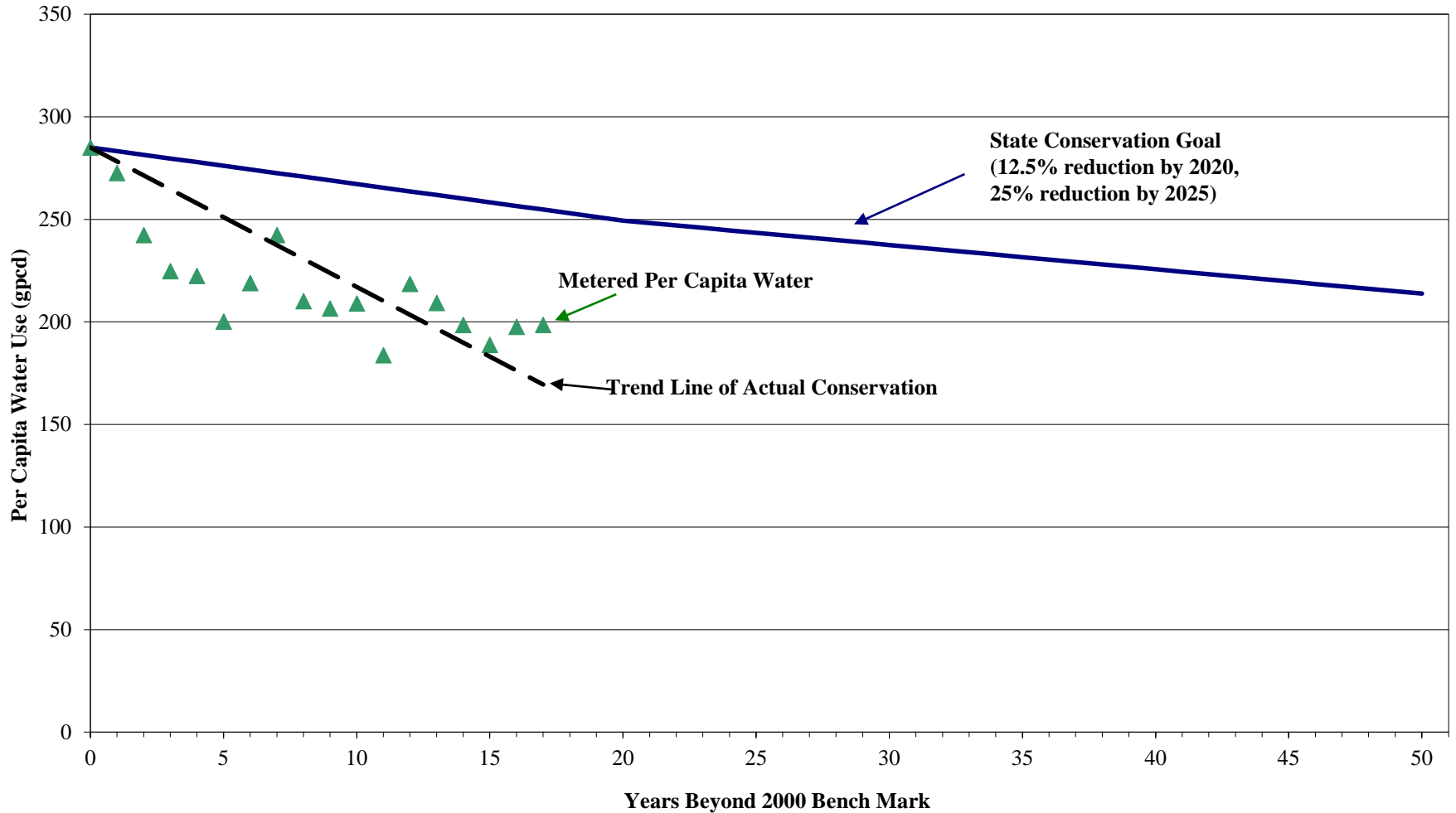
# MILLION GALLONS DELIVERED BY YEAR



# SALT LAKE CITY CONSERVATION TREND

*Conservation Performance as of Dec. 31, 2018*

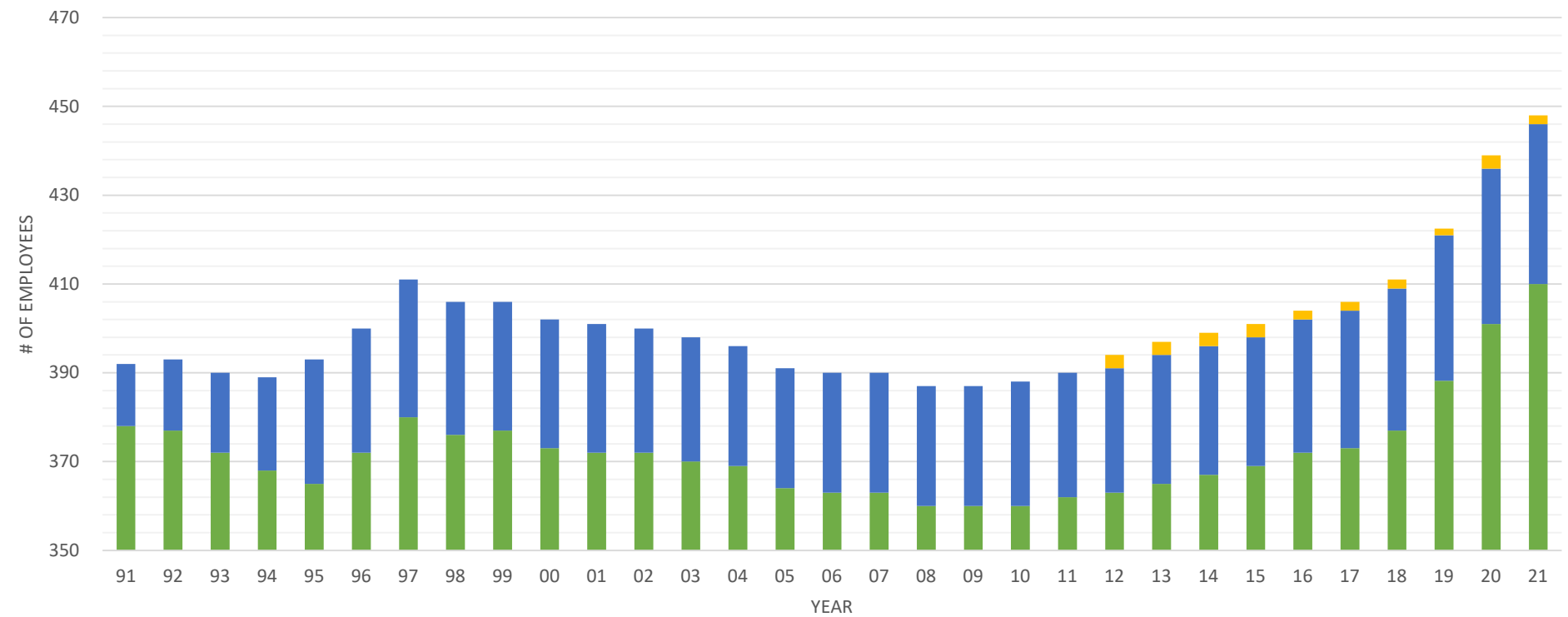
*from the 2019 ULS Statistical Report*



## Proposed Personnel Adjustments FY 20/21

	<u>TOTAL</u>	<u>WATER</u>	<u>SEWER</u>	<u>STORM WATER</u>	<u>STREET LIGHTING</u>
Prior FY Ending FTE Balances by Fund	439.50	282.22	120.63	34.15	2.50
<b><u>NEW POSITIONS REQUESTED FOR FY 20/21:</u></b>					
1) WATER RESOURCES TECHNICIAN	1.00	1.00			
2) WATER RIGHTS AND PROPERTY AGENT	1.00	0.50	0.25	0.25	
3) CROSS CONNECTION TECHNICIAN	1.00	1.00			
4) FINANCIAL ANALYST IV	1.00	0.50	0.40	0.10	
5) UTILITY DEVELOPMENT REVIEW SPECIALIST	1.00	0.80	0.10	0.10	
6) ENGINEER IV	1.00	0.50	0.25	0.25	
7) WASTE WATER LIFT STATION WORKER	1.00		1.00		
8) STORM WATER QUALITY COORDINATOR	1.00		0.00	1.00	
New Full Time Employee's	8.00	4.30	2.00	1.70	
<b>TOTAL FTE'S WITH NEW POSITIONS ADDED</b>	<b>447.50</b>	<b>286.52</b>	<b>122.63</b>	<b>35.85</b>	<b>2.50</b>
Changes made to Seasonal Employee's	0.00	-2.00	1.00	1.00	
Changes made to FTE'S	0.00	1.58	-0.19	-0.43	-0.96
<b>Agency Totals for FY 2020/2021</b>	<b>447.50</b>	<b>286.10</b>	<b>123.44</b>	<b>36.42</b>	<b>1.54</b>

# Public Utilities Number of Employees By Fund By Fiscal Year



Year	91	92	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
Water & Sewer	378	377	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
Storm Water	14	16	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
Street Lighting																						3	3	3	3	2	2	2	2	3	2
# of Water Connections	84,526	85,921	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	92,500	92,500