

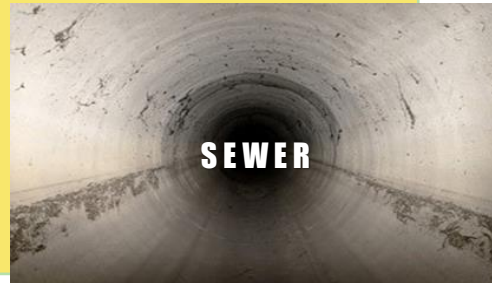


Public
Utilities

2019 ANNUAL BUDGET

SALT LAKE CITY DEPARTMENT OF PUBLIC UTILITIES

SEWER



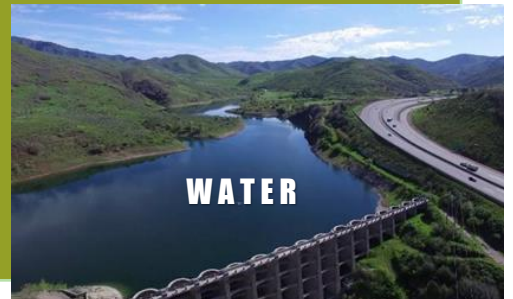
STORM WATER



LIGHTING



WATER



Serving Our Community and Protecting Our Environment

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

Executive Summary

Salt Lake City Department of Public Utilities (Department) is pleased to present its recommended budget for fiscal year 2018-2019 (FY2019). The Department is proposing numerous large capital projects spanning the next five years in the Water, Sewer, and Stormwater Utilities to address aging infrastructure, regulatory requirements, and growth. The largest projects are in the Sewer Utility to (1) construct a new Water Reclamation Facility (WRF) by 2025; and (2) upgrade sewer collection system capacity to support growth, primarily in the Northwest Quadrant of Salt Lake City.

The following items are the major budget issues for each of the Department’s Utility funds:

- Projected Water and Sewer rate increases to address capital infrastructure are as previously forecasted, including a water rate increase of 4% and a sewer rate increase of 15% for Fy2019.
- A Stormwater Utility rate increase is proposed in order to complete needed drainage collection projects and update the 1993 Stormwater Master Plan. Stormwater Utility rates have not increased since the riparian corridor fee was added in FY2010. Prior to that, rates have not increased in the Stormwater Utility since 1990.
- No rate adjustments are proposed for the Street Lighting Utility.
- Short term borrowing of \$5.3 million is proposed to delay expensive bonding by another year for the Water, Sewer and Stormwater Utilities.
- Proposed personnel increase of 14 full-time equivalent (FTE) employees to manage capital projects and to provide for succession of key positions. The 14 proposed additional FTE’s account for \$1.2 million in operational expenditures distributed across all funds.
- Operational costs account for insurance increases of 7% and a cost of living adjustment of 2.5%.
- A draft Public Utilities Rate Study and Impact Fee Analysis proposes structural adjustments that update the cost of service for each customer class, and addresses affordability in the Water and Sewer Utilities including a secondary water rate. The Rate Study is anticipated to be finalized in May. The Department is not presenting structural rate changes at this time given the timing and need for additional evaluation of the rate study recommendations. The Department may request an additional work session with the Council to discuss the rate study and effect of possible structural changes to water and sewer rates

Summary of proposed Utility budgets:

Utility Funds 2019 Fiscal Year	Operations	Capital	Debt	Fund Totals
Water	\$ 62,888,877	\$ 40,186,900	\$ 1,117,000	\$ 104,192,777
Sewer	18,522,059	86,356,500	6,058,000	110,936,559
Storm	6,913,232	5,649,068	1,014,000	13,576,300
Lighting	2,860,117	2,605,000	103,000	5,568,117
Totals	\$ 91,184,285	\$ 134,797,468	\$ 8,292,000	\$ 234,273,753

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

Water, Sewer, and Stormwater Utilities Bonds and Rates for the Next Five Years:

		Water	Sewer	Storm
Bond Issues/ Rates				
Budget	2019	\$0 / 4%	\$4 million / 15%	\$1.3 million / 10%
	2020	\$68 million / 4%	\$160 million / 15%	\$5 million / 6%
	2021	\$0 / 4%	\$0 / 10%	\$0 / 4%
	2022	\$26 million / 4%	\$188 million / 8%	\$0 / 4%
	2023	\$0 / 4%	\$0 / 10%	\$0 / 0%

Water Utility Summary

- Proposed rate increase of 4% for FY2019; annual 4% rate increases through 2023 is forecasted.
- Impact to the average monthly residential water bills will be \$1.79 for City residents and \$2.41 for County customers for FY2019.
- The Department is proposing to allocate 10.24 FTEs out of the 14 proposed new positions to various programs in the Water Utility.
- Metropolitan Water District of Salt Lake and Sandy (MWDSL) charges the Department a flat fee for water. The proposed FY2019 budget accounts for a 3% increase in the flat fee, or a \$466,000 increase.
- Bonding is anticipated in FY2020 for \$68 million. This proposed bonding will be allocated primarily to two large water treatment plant upgrade projects for the Big Cottonwood Water Treatment Plant and the City Creek Water Treatment Plant.

Sewer Utility Summary

- Proposed rate increase of 15% for FY2019; forecasting annual 15% increase in FY2020, 10% in FY2021, 8% in FY2022, and 10% in FY2023. These rate increase projections are unchanged from last year's five-year projections.
- Impact to average monthly residential sewer bill will be about \$3.18 per month in FY2019, from \$21.20 to \$24.38 per month.
- Bonds are anticipated in FY2020 for the following major projects:
 - Construction of a new Water Reclamation Facility by FY2025. The new facility will maintain the same capacity of the existing facility with the option to expand capacity in the longer term if needed. The new facility will meet all federal and state water quality effluent requirements including new and future anticipated nutrient discharge regulations. Preliminary cost estimates for the new facility range from \$325 million to \$510 million. Costs will continue to be refined while the facility is under design this year.
 - Collection system lines are impacted by condition, age, and capacity. The airport expansion and Northwest Quadrant development will result in funding about \$44 million for FY2019 and average \$16.5 million from FY2020-22 in master planned collection system upgrades. The Department will be investing approximately \$94 million in sewer collection system capacity upgrades over the next four years.

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Stormwater Utility

- Proposed 10% rate increase for FY2019. Impact to average residential monthly stormwater bills is 45¢ per month.
- Projected 4% to 6% rate increase for future years as capital projects double for two years.
- Short term borrowing is possible for FY2019 and is shown, plus a regular revenue bond of \$5.3 million is anticipated in FY2020 if projects continue as shown.
- Capital projects are driving projected rate increases. A drainage improvement project is proposed to reduce flood risk from 1700 South to Emigration Canyon. The estimated cost for this project is \$2 million. Red Butte and Gladiola drainage systems make up the bulk of other major projects.
- A stormwater quality audit was recently conducted by the US EPA and Utah DEQ. As a result of that audit, the Department is requesting to allocate 2.73 new FTEs for additional technical, compliance, and engineering needs.
- Personnel service costs are proposed to increase by \$330,000 due to insurance, COLA, and proposed personnel changes

Street Lighting Utility

- No rate increase for FY2019 or projected for the next several years
- Bonds issued in FY2017 for \$2.5 million for Enhanced Street Lighting Tiers 2 and 3 continue to help upgrade enhanced lighting zones.
- Energy efficiency lighting is also reducing power costs by 10-15% however the FY2019 utility budget was not reduced since energy costs were underestimated in prior year budgets.

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

BUDGET SUMMARY

- Total Department Budget (Capital and Operations) is \$234,273,753, or a 12.35% increase from the FY2018 adopted budget of \$208,519,913.
- The Department's total proposed operating budget is \$91,184,285, an increase of 3% or \$2,657,189. This includes a \$1 million decrease in technical services. Personnel costs are projected to increase \$2.4 million which includes 14 new FTEs, a 2.5% COLA, and a 7% increase in insurance for medical premiums. Water purchases from Metropolitan Water District will increase 3% over last year. Other Department operating expenses increased \$237,576 or 1.3%.
- The Department's total proposed capital budget is \$134,797,468 and debt service is \$8.3 million. Capital purchases budgeted at \$11 million is \$2.5 million more than budgeted last year for purchases.
- The Department's total debt service for FY2019 is \$8.3 million. Debt service (bond expenses) is projected to increase 9.9% or \$745k from last year as new Sewer Revenue Bonds sold in 2017 will impact debt service in FY2018. The forecasted bonds for FY2019 can be delayed 12 months to FY2020.
- The Department's total revenues for FY2019 are projected to be \$139,481,997; this is a nearly \$13.9 million increase compared to FY2018 because of rate increases and \$8.5 million was recently received in FY2018 as no-interest State loan that will assist with Northwest Quadrant development. This loan and the 2017 bond issue helps delay bonding until FY2020.
- A \$ 5.3 million short term gap financing option is included for the Sewer Utility and Stormwater Utility in FY2019. The FY2020 planned revenue bond is \$233 million with a 30 year or longer issue period coinciding with the life of the new WRF and the customers who will most benefit during the repayment life of the bonds.
- Bonded debt service expenses for the Sewer Utility are expected to increase to \$19 million by FY2022. This cost is \$8 million less than predicted in the FY2018 budget as rates will help pay a larger portion of the new plant than previously anticipated.
- Total FY2019 Department revenues are projected at \$139,481,997 million. The Department plans on balancing the budget with \$94,791,756 million of reserves in all Utility funds, reserves include the remaining \$60 million from the 2017 bond issue, and possible short term borrowing if needed.
- As noted in the executive summary, a rate study is currently in draft that proposes changes to the water and sewer rate structures, possible changes to base lighting fees and a new secondary water rate. Included in the study is fee increases for services and some suggested new fees. These are not impacting the budget, and rate structure changes whether adopted July 1 or not has no impact on this budget as the rates are revenue neutral.

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

- **Special Programs**

- < Assistance of low income affordability program for County abatement (includes water, sewer and refuse discounts).
- < The Department has dedicated \$3.5 million for the next 6 years to replace the old radio and foot method of reading water meters. The automated meter instrumentation (AMI) or tower system is a move to real time data from meter to computer. AMI will reduce costs of meter reading, allow customers to access water consumption information in real time, assist with water conservation programs and allow customers to identify property-side water leaks immediately.
- < Rain Barrel Sales Program continues.
- < UTA Partnership with Utility customer service and City Transportation for HIVE Trax passes.
- < HomeServe Water and Sewer Lateral Warranty Program for City customer's private insurance as contract expires in early FY2019.
- < Renewable Energy - Hydro-electric generation gravity fed in pipe turbines ready but is in negotiation with Rocky Mountain. The Parley's system is scheduled to generate renewable power in FY2021.
- < Mountain Accord/Central Wasatch Commission contribution of \$200,000.
- < Enhanced lighting efficiency and wiring upgrades from bond proceeds began in FY2017 and will continue through FY2019.
- < Private Lighting \$20,000 from General Fund to assist special neighborhoods

Revenue Forecast and Water Availability

Department revenues are generally predictable for all funds except water which is based on changes in seasonal use due to weather. A cooler, wetter summer and spring will reduce water demand and sales. Last year was one of the warmer seasons on record and revenues were higher than budgeted. The Department's water conservation rate structure and conservation education have and continue to be effective as customer's sensitivity to water usage has been proactive. The current water availability and storage reservoirs will still have adequate coverage for FY2019 despite the much lower than normal snow pack. Water revenues are forecasted on a normal or average expected usage.

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

DEPARTMENT BUDGET HIGHLIGHTS

Below is a summary of the Department’s overall proposed budget. As shown, this overall budget is proposed to increase 12.35% or \$25.7 million from the FY2018 adopted budget of \$208 million. The increase over last year’s budget is largely due to upcoming capital projects that increased \$21.9 million.

UTILITY BUDGET EXPENSES					
2018/19	OPERATIONS	DEBT SERVICE	CAPITAL	TOTAL	ADOPTED PERCENT CHANGE
Water Utility	\$62,888,877	\$1,117,000	\$40,186,900	\$104,192,777	24.20%
Sewer Utility	18,522,059	6,058,000	\$86,356,500	\$110,936,559	3.95%
Stormwater Utility	6,913,232	1,014,000	\$5,649,068	\$13,576,300	6.05%
Street Lighting	2,860,117	103,000	2,605,000	\$5,568,117	9.21%
Total	\$91,184,285	\$8,292,000	\$134,797,468	\$234,273,753	12.35%

The Department’s schedule of proposed rate increases through FY2023 is shown below. The proposed rate increases help maintain a reasonable level of cash reserves and prepares the Department for planned future capital and operational needs. The Department is recommending rate increases in FY2019 for the Water, Sewer and Stormwater Utilities because of the capital infrastructure needs. No rate increase is proposed for Street Lighting Utilities in FY2019.

Projected Rate Increases				
	Water	Sewer	Stormwater	Street Lights
2018-19	4%	15%	10%	0%
2019-20	4%	15%	6%	0%
2020-21	4%	10%	4%	0%
2021-22	4%	8%	4%	0%
2022-23	4%	10%	0%	0%

Additional Personnel

The Department has identified needed positions to accomplish large capital projects and for succession planning. The current number of FTE positions for the Department is 408.5. The Department is proposing to add the following 14 positions:

- Four engineering support positions to accomplish infrastructure projects.
- One watershed position to help with increased source water protection tasks due to additional management requirements in the Wasatch watersheds.
- One water rights assistant to assist with the Utah Lake/Jordan River water right adjudication and to plan for succession.
- Three maintenance positions to handle old lines connected to new meter change outs.
- Two Stormwater technicians

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- One stormwater compliance position
- One pre-treatment inspection writer
- One payroll office facilitator vacated by human resource transfer

Metropolitan Water District Water Purchase Impact to Budget

The Metropolitan Water District of Salt Lake and Sandy (MWDSLS) uses a flat rate structure. The chart below shows the projected MWDSLS cost increases and the approximate corresponding impact to water rates for budget purposes. This year water purchases from MWDSLS will cost \$15.9 million. MWDSLS’ ongoing capital repayment continues to be \$7.5 million. Annual payments/purchases to MWDSLS are 36% of the water’s operational budget.

Three year Planned Metropolitan Rate Increases			
	Rate Increase	Cost to Department	Percent of Revenue to Offset Metro
2018-19	3%	\$465,868	0.70%
2019-20	3%	\$479,845	0.70%
2020-21	3%	\$494,240	0.70%

Capital Improvements

The Department’s CAP (Capital Asset Program) program and Asset Management Program has greatly improved the prioritization of the Department’s capital needs. All infrastructure needs are assessed on criticality and condition. A condition rating of “1” is new, with the “5” rating indicating a more urgent condition. Criticality is a consequence of the effect that infrastructure failure may have, including harming customers and property. A “5” criticality rating indicates there is a higher risk of service disruption or impact to the customers. Projects of high criticality and condition ratings receive funding priority. Listed below are the Department’s major projects for the proposed FY2019 budget:

- Water line replacements are budgeted at \$12,708,000.
- Reservoirs are budgeted at approximately \$4,304,000.
- Water service connections that include meters, new connections and meter replacements have a nearly fixed annual budget of \$3.3 million with \$1.4 million for replacing older radio drive-byes with automated meters. This is a multi-year program to address the Department’s approximately 92,000 meters.
- Water treatment plants have 12 total projects totaling \$5.2 million. These include continuation of Supervisory Control & Data Acquisition (SCADA) system upgrades, sedimentation basins projects over four years, laboratory upgrade, sludge collection system retrofit, and drying bed pipelines.
- The Department re-evaluated the original scope of the new WRF, and has consolidated the delivery into a single methodology as proposed within the FY2019 budget. This package consolidation was considered necessary to facilitate the aggressive schedule required to meet the FY2025 nutrient regulatory deadline,

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

manage simultaneous construction packages, facilitate design standardization and operability, implement facility wide cost controls, and to manage the critical path schedule. The Department has chosen the CM-GC (Construction Manager-General Contractor) delivery model. The FY2019 budget pinpoints several key delivery contracts that facilitate construction of the new WRF. It is anticipated that the design of the new WRF and the construction of the Bio-Mechanical Dewatering Facility will be initiated in FY2019 as outlined within the proposed budget. The estimated cost for the new WRF facility is currently at \$390.9 million.

- Master planned sewer collection line replacements, collection system upgrades and development are \$56 million. Orange Street 500 South Interceptor, 700 south capacity upgrades, 500 south diversion pump station and 700 South lift station including North Beck Street to the treatment plant account for \$42 million of the budget. There are 50 smaller projects that make up the other \$12 million.
- Stormwater State, City and County driven projects total \$2 million that include Gladiola 500 south to 900 south, 1300 East, and Indiana Avenue to 3400 West.
- The newest flood mitigation project is for 1700 South to Emigration Storm Drain that will be \$2.8 million for FY2019 and FY2020.
- Stormwater also proposes \$532,000 for four Riparian Corridor projects along Emigration Creek and near the 10th North Lift Station.
- Street lighting efficiency projects for base lighting comprise \$1 million. Enhanced lighting improvements and high efficiency lighting and renovations financed in part by the \$2.5 million 2017 bond issue will assist in paying for \$1.3 million planned for this fiscal year.

WATER UTILITY ENTERPRISE FUND

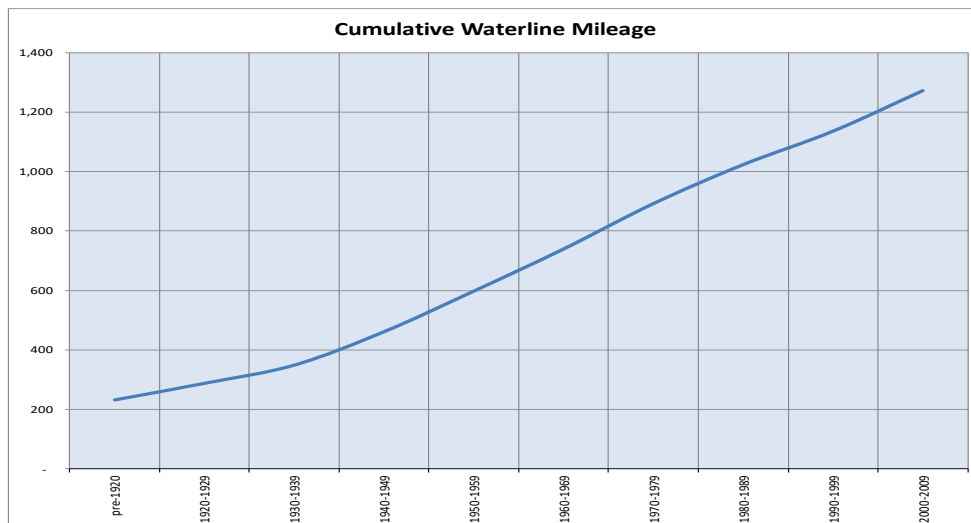
Major Budget Issues for FY2019

- A 4% rate increase—approximately \$1.79 per average residence per month—increases budgeted revenue by \$2.8 million to help the Department meet its capital and operations objectives. Rates are projected to increase 4% annually through FY2023. The Department anticipates bonding of \$94 million for the next five years, maintaining adequate cash reserves and a strong debt service ratio.
- The Department plans to invest \$35.6 million in capital improvements for Water Utility infrastructure in FY2019. The capital improvement program continues with consistency in supporting a water system that reliably delivers quality water to customers and replaces worn out infrastructure.
- The Department expects a \$465,868 or 3% increase in the price of water from Metropolitan District of Salt Lake and Sandy for FY2019.

Water Infrastructure Background

The Salt Lake City Water Distribution System is one of the oldest and largest systems west of the Mississippi River with 1,119 miles of 12” or smaller distribution lines, and 180 miles of large transmission mains for a total asset inventory of 1,299 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 134 square miles. The graph below shows the historical age of the system water lines. There is a continual need to repair and replace pipe segments to maintain service and reduce emergency break repair costs and impacts to the public.

The Department’s asset management program has included investments over the past few years in use of new technology to assess the condition of the large water transmission mains to assure repair and replacement is completed with minimal impact to the public.



Pipeline Age for the Salt Lake City Water Distribution System

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

Analysis of Estimated Revenue

An analysis of the estimated revenue contained in the Department’s recommended FY2019 Budget for the Water Utility is as follows:

Revenue (Water)	Amended Budget 2017-2018	Proposed Budget 2018-2019	Difference	Percent
Water Services Fees	\$70,470,525	\$73,289,346	\$2,818,821	4.00%
Interest	553,382	375,000	(178,382)	-32.23%
Interfund charges	2,814,186	3,037,985	223,799	7.95%
Other gains	50,000	50,000	0	0.00%
Impact fees	500,000	500,000	0	0.00%
Contributions	1,205,000	1,205,000	0	0.00%
From (To) Reserves	20,694,880	25,735,446	5,040,566	24.36%
TOTAL	\$96,287,973	\$104,192,777	\$7,904,804	8.21%

Budgeted total revenues increase by \$7,904,804 or 8.21% with \$5.0 million needed from cash reserves for operations and capital improvements. Water fees are adjusted based on the proposed rate increase of 4%.

Water Sales and Services: The proposed revenue for water sales and services includes a proposed 4% rate increase—approximately \$1.79 per average residence per month-- to generate an additional \$2,818,821 in metered sales.

Interest Income: The Department anticipates interest income to decrease <\$178,382> as reserve funds are invested in capital improvements.

Interfund Charges: The Water Utility is reimbursed by Sewer, Stormwater, Street Lighting Sustainability, and Hive program for services related to billing. The Water Utility is increasing the amount of the reimbursements \$223,799 based primarily on increased IMS charges and increased banking fees. Actual FY2017 costs incurred are allocated based on the number of bills and budgeted for reimbursement if FY2019.

Other gains: No Change.

Impact Fees: No Change.

Contributions by Developers: No change is budgeted.

Reserve Funds: The Department plans to use \$25.7 million of reserve funds to balance the capital improvement needs. Budgeted use of reserve funds is \$5,040,566 more than the FY2018 budget or an increase of 24.36%.

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

Analysis of Estimated Expenditures

The expenditure budget for the Department is proposed to increase \$7,904,804 or 8.21% from the FY2018 budget. The proposed budget for FY2019 by major category is as follows:

Major Expenditure Category (Water)	Amended Budget 2017-2018	Proposed Budget 2018-2019	Difference	Percent
Personnel services	\$20,585,385	\$22,069,746	\$1,484,361	7.21%
Materials and supplies	3,900,830	4,218,280	317,450	8.14%
Charges for services	36,105,858	36,600,851	494,993	1.37%
Debt service	918,809	1,117,000	198,191	21.57%
Capital outlay	5,630,091	4,614,400	(1,015,691)	-18.04%
Capital improvements	29,147,000	35,572,500	6,425,500	22.05%
TOTAL	\$96,287,973	\$104,192,777	7,904,804	8.21%

Personnel Services: Employee costs are estimated to increase \$1,484,361 or 7.21%. The water utility budget anticipates an increase of 10.24 FTE's for Water Utility's portion of 14 new employees across the Department. The FY2019 budget includes 2.5% COLA and a 7% increase in costs of employee insurance premiums.

Materials & Supplies: The proposed budget for materials and supplies of \$4,218,280 increases \$317,450 or 8.14% from FY2018's amended budget of \$3,900,830 for the following reasons:

- Small tools and equipment increases \$86,200
- Repair materials \$176,000
- Laboratory, building, and grounds supplies \$42,100
- Thirteen other items netting an increase of \$13,150

Charges for Services: The proposed budget for charges and services will increase 494,993 as explained below:

- Water Purchases from Metropolitan Water District increase \$465,868
- Data processing IMS increases \$192,348
- Utilities increase \$108,999
- Payments in lieu of tax increase \$77,515
- Technical services decrease <\$273,680>
- Several other charges decrease a net amount of <\$76,057>

Debt Service: - In compliance with the outstanding bond, Series 2017 Refunding Bond, budgeted debt service payments increase \$198,191.

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

Capital Outlay: The proposed Water Utility budget for capital outlay for FY2019 is \$4,614,400. The budget includes \$1,500,000 for Watershed Land, \$30,000 for water rights, \$1,029,500 for 18 vehicle replacements and 3 new vehicle purchases, \$927,300 for field equipment, \$240,000 for pumping equipment, \$462,000 for treatment plant equipment, \$170,000 for telemetry, \$44,000 for office furniture & equipment, and \$211,000 for other non-motive equipment.

Capital Improvement Program: The Department’s proposed CIP budget for FY2018 is \$35,572,500. Capital project summary by facility types are as follows:

Proposed Water Capital Improvement Program Budget for Fiscal Year 2018-2019	
Type of Project	Budget Amount
Treatment plants	7,245,000
Water Service Connections	6,050,000
Pumping Plant Upgrades	890,000
Reservoirs	4,304,000
Water Mains & Hydrants	12,708,000
Wells	3,700,000
Culverts, flumes & bridges	400,500
Landscaping	275,000
Maintenance buildings	0
Total 2018-2019 Capital Improvement Program	\$35,572,500

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

SEWER UTILITY ENTERPRISE FUND

Major budget issues for FY2019

- A new Water Reclamation Facility is planned to be constructed by 2025 and will start major design in FY2019. The total cost for the new WRF is estimated between \$350 million and \$450 million; costs will be refined during the design process.
- Sewer collection system capacity upgrades that are anticipated at nearly \$100 million over the next few years.
- Planned revenue bonds of \$433 million in the next five years begins again in FY2019-2020 for the new WRF and sewer collection lines. A short term bond anticipation note is planned for the FY2018 budget as gap financing if the 2017 bond proceeds are used prior to FY2020.
- Sewer rates will remain as previously projected at 15% in FY2019, 15% in FY2020, 10% in FY2021, 8% in FY2022, and 10% in FY2023.
- Continued capital replacement and improvement of sewer lines remains at about \$10 million per year for the next 5 years.

New Water Reclamation Facility by 2025

The FY2019 sewer budget continues to address federal and state water quality standards, including the nutrient removal standard, effective in FY2025. The Department is anticipating investing between \$325 million and \$510 million for the new WRF.

The proposed sewer budget for FY2019 has \$23.3 million planned projects at the WRF, of which \$18.4 million is directly for the new facility and the remaining to keep the existing plant functioning. Department preparation for a new facility includes \$2.0 million for an influent screening building.

Forecast Future Rate Increases	
2018/19	15%
2019/20	15%
2020/21	10%
2021/22	8%
2022/23	10%

Bond Issues Anticipated

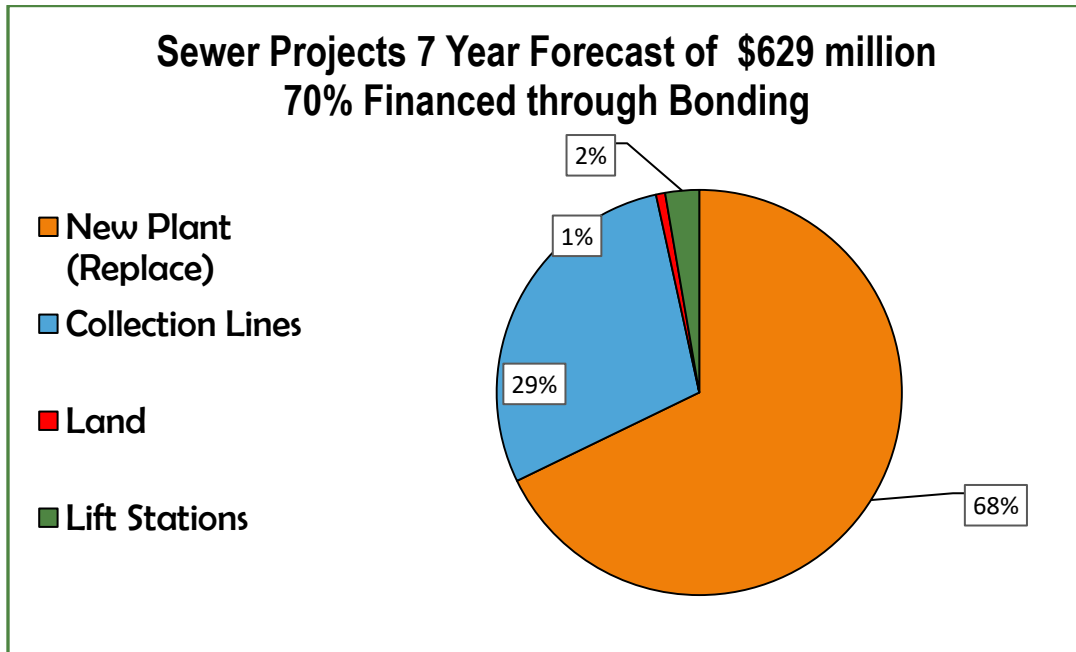
The Department has forecasted budgeting bond issues of \$433 million through FY2025 to minimize rate increases as a blend of pay-as-you-go and borrowing. This incorporates a 30 year payback on bonds for intergenerational equity payback on the new WRF Facility. The investment strategy makes use of the City's professional financial advisors for measuring rising debt service and debt service ratios that also fit

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

standards required by external rating agencies. The Department intends to maintain its triple AAA rating to limit the costs of borrowing. The anticipated bond issuances in the next six years are as follows:

Planned Bond Issues	
2018/19 <i>short term note</i>	\$4,000,000
2019/20	\$160,000,000
2021/22	\$188,000,000
2023/24	\$85,000,000

The Illustration below show the percentage of projects in the four main categories in the Sewer Fund. The Department forecasts that it will issue \$437 million in revenue bonds (Three main issues) to finance a total of \$629 million for all Sewer projects in the chart. This figure includes the new WRF and improvements in the collection system through FY2025.



The \$437 million in bonds plus rate increases will go toward financing the budgeted plan of \$426.5 million in a new WRF Facility, \$180.8 million in collection system capacity upgrades and other worn out lines and lift stations that will also assist the needs for the Northwest Quadrant and Airport and others areas of restricted capacity flows through and from the west side to the treatment plant. Bond funds will also go toward Lift station projects of \$17 million and a required land purchase of \$4.6 million.

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

Sewer Collection Line Rehabilitation

The FY2019 budget includes \$39.8 million for collection line improvements. An investment of \$32.4 million is budgeted for a master plan improvements such as the \$12.5 million for the 700 South capacity upgrades, other regular line improvements of \$1.5 million, County, State, and City related projects are \$1.9 million and other projects of \$4 million make up the \$39.8 million planned for FY2019.

Lift Station Rehabilitation

The FY2019 budget includes a total of \$17 million for lift station projects. Lift station rehabilitation will include three significant lift stations: \$1.9 million is budgeted for the 4000 West lift station, \$2.6 million is budgeted for the 750 North 5600 West lift (Amazon) station, and \$12 million is budgeted for the 700 South master plan lift station project. The FY2019 budget also includes \$500,000 for completion of three smaller lift station projects.

Closure of the Northwest Oil Drain Canal Remediation

The Northwest Oil Drain Canal near the Water Reclamation Facility has continuing work to close the remediation site. The Department in cooperation with Utah DEQ, US EPA, BP, and Chevron is budgeting \$300k in the Sewer Utility and \$200k in the Stormwater Utility. The budget reflects the full costs including the 2/3 reimbursement from Chevron and British Petroleum.

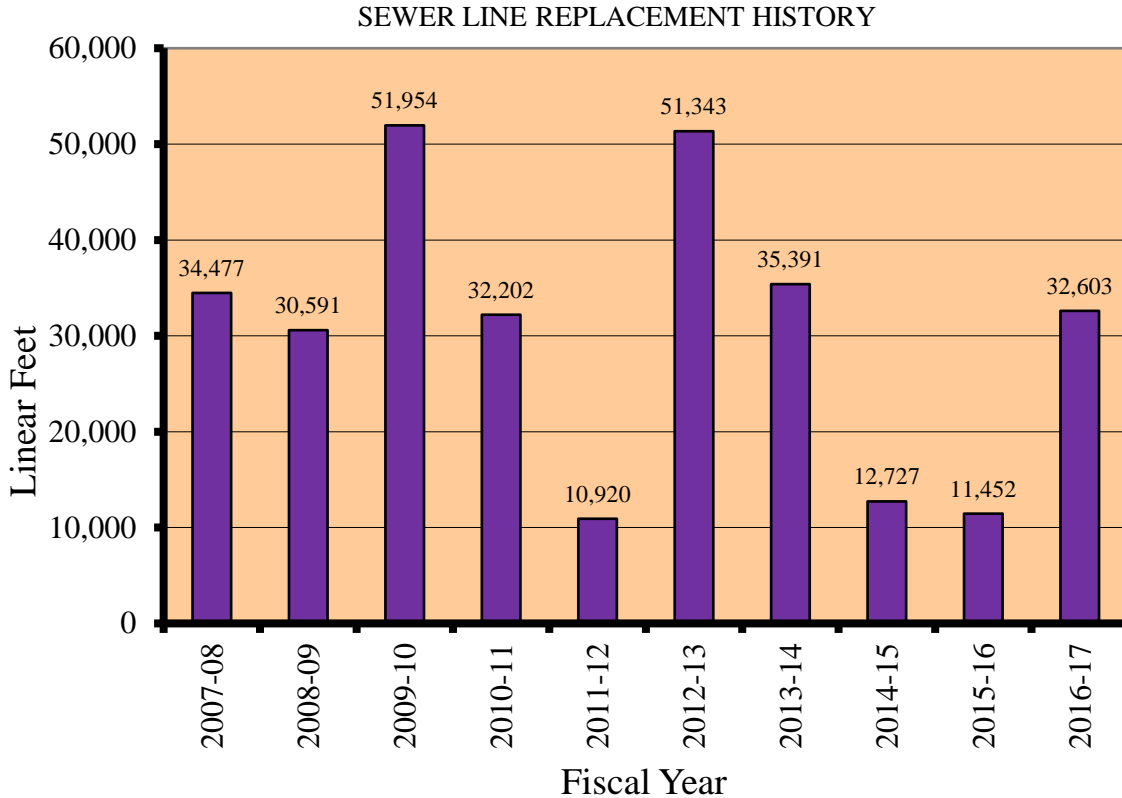
Sewer Infrastructure Background

The sewer collection system (658 miles in 2016) is a very challenging environment; hydrogen sulfide gases, sediment, roots and other factors affect the competency of the collection lines. Because of the environment of the collection system there is a continual need to repair and replace bad pipe segments. More than 50% of the sewer collection system is more than 85 years old (see chart below). Sewer Utility Capital Improvement Program's goal is to rehabilitate at least 1% of the aged collection system every year (see line replacement chart).

Pipeline Age & miles for the Salt Lake City Sewer Collection System



FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET



. Sewer System Restoration Program in linear feet

Analysis of Estimated Revenue

The FY2019 budget shows a revenue decrease of <\$30,584,598> million or <21.61%> to \$110,936,559 from the \$141,521,157 in the FY2018 amended budget. The decrease is caused by a reduction in the budgeted use of reserve funds. An analysis of the estimated revenue contained in the Department's Recommended Budget is as follows:

Revenue (Sewer)	Amended Budget 2017-2018	Proposed Budget 2018-2019	Difference	Percent
Sewer Services Fees	\$32,712,188	\$37,677,666	\$4,965,478	15.18%
Interest	1,263,356	1,052,000	(211,356)	-16.73%
Permits	70,000	70,000	0	0.00%
Other	165,000	165,000	0	0.00%
Bond / Note Proceeds	0	3,985,000	3,985,000	0.00%
Impact Fees	700,000	700,000	0	0.00%
Contributions	2,020,000	2,020,000	0	0.00%
Sale of Property	20,000	20,000	0	0.00%
From (To) Reserves	104,570,613	65,246,893	(39,323,720)	-37.60%
TOTAL	\$ 141,521,157	\$ 110,936,559	(\$30,584,598)	-21.61%

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

Explanation of Revenue

Sewer service fees: Sewer service fees are expected to increase \$4,965,478, 15%, or approximately \$3.18 per month for the average residential with the proposed rate increase. The rate increase is needed to finance the capital improvement program and debt service of future related bond issues.

Interest Income: Interest income is expected to decrease \$<\$211,356> as cash balances are invested in capital improvement projects.

Permit fees: Permits are expected to remain constant with no change.

Other income: Other income is expected to remain constant with no change.

Bond / Note Proceeds: The department anticipates the possibility of ensuring the continuation of capital projects by raising \$3,985,000 from short-term financing, such as bond anticipation notes, as cash held by a trustee from the 2017 bond issue is applied to projects. The Department estimates that the short term financing arrangement will allow the Sewer Utility to postpone a bond issuance until FY2020 and to avoid or defer approximately \$2.5 million in bond interest expense.

Impact Fees: No change is budgeted.

Contribution by developers: No change is budgeted.

Reserve Funds: Reserve funds of \$65,246,893 mostly from the 2017 Bond issue will provide the additional financing gap needed to finance the Sewer Utility's budgeted capital projects in FY2019. Budgeted use of reserve funds decreases \$39.3 million from the FY2018 budget.

Analysis of Estimated Expenditures

The FY2019 budget proposes a decrease of <\$30,584,598> million or <21.61%> to \$110,936,559 from the \$141,521,157 in expenditures in the FY2018 amended budget. The proposed budget for FY2019 by major category is as follows:

Major Expenditure Category (Sewer)	Amended Budget 2017-2018	Proposed Budget 2018-2019	Difference	Percent
Personnel services	\$9,717,084	\$10,375,345	\$658,261	6.77%
Materials and supplies	1,892,620	1,934,720	42,100	2.22%
Charges for services	7,128,365	6,211,994	(916,371)	-12.86%
Debt services	5,532,045	6,058,000	525,955	9.51%
Capital improvements	115,637,743	80,410,000	(35,227,743)	-30.46%
Capital outlay	1,613,300	5,946,500	4,333,200	268.59%
TOTAL	\$141,521,157	\$110,936,559	(\$30,584,598)	-21.61%

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

Explanation of Expenditures

Personnel Services: Budgeted employee costs will increase \$658,261 or 6.77%. The sewer utility budget anticipates 2.95 additional FTEs for Sewer Utility's portion of 14 new employees across the Department. The FY2019 budget includes 2% COLA and a 7% increase in costs of employee insurance premiums.

Materials & Supplies: The Sewer Utility's budget for this category increases \$42,100. These changes are:

- Small tools and equipment increase \$10,800
- Laboratory supplies increase \$10,300
- Computer supplies increase \$7,000
- City building supplies increase \$5,000
- Permits increase \$4,000
- Eleven other items net increase \$5,000

Charges for Services: The budget for charges and services decreases <\$916,317>reflected in the following areas:

- Data processing increases \$75,000
- Payment in lieu of tax increases \$61,725
- Fleet maintenance increases \$25,000
- Travel and training increases \$15,700
- Utilities decrease <\$4,839>
- Other charges and services decrease <\$25,262>
- Administrative service fee decreases <\$50,000>
- Risk management decreases <\$175,000>
- Technical services decrease <\$840,000>

Debt Service: - The annual debt service budget increased \$525,955 in FY2019 in accordance with the debt service schedules of outstanding bond issues. Future bonds will increase debt service payments when they are issued.

Capital Outlay: - The proposed capital outlay budget for the FY2019 budget is \$5,946,500. The FY2019 capital outlay budget includes \$4.6 million for land, \$222,500 for a vehicles and trucks, \$517,000 for field maintenance equipment, \$370,000 treatment plant equipment, \$10,000 for telemetry, \$34,000 for office furniture and equipment, and \$193,000 for other non-motive equipment.

Capital Improvements: The proposed capital improvement program for FY2019 includes line upgrades and expansion, initial projects associated with the new WRF and maintaining

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

the old plant, lift stations improvements related to collection line redistribution, and the proposed finalization of environmental requirements in the Northwest Oil Drain. General project types budgeted for FY2019 are listed below:

Proposed Sewer CIP Budget for Fiscal Year 2018-2019	
Type of Project	Budget Amount
Treatment Plant	\$23,310,000
Collection Lines	39,775,000
Lift Stations	17,025,000
Maintenance and repair shops	0
Landscaping	300,000
Total 2018-2019 Capital Improvement Program	\$80,410,000

STORMWATER UTILITY ENTERPRISE FUND

Major Budget Issues for FY2019

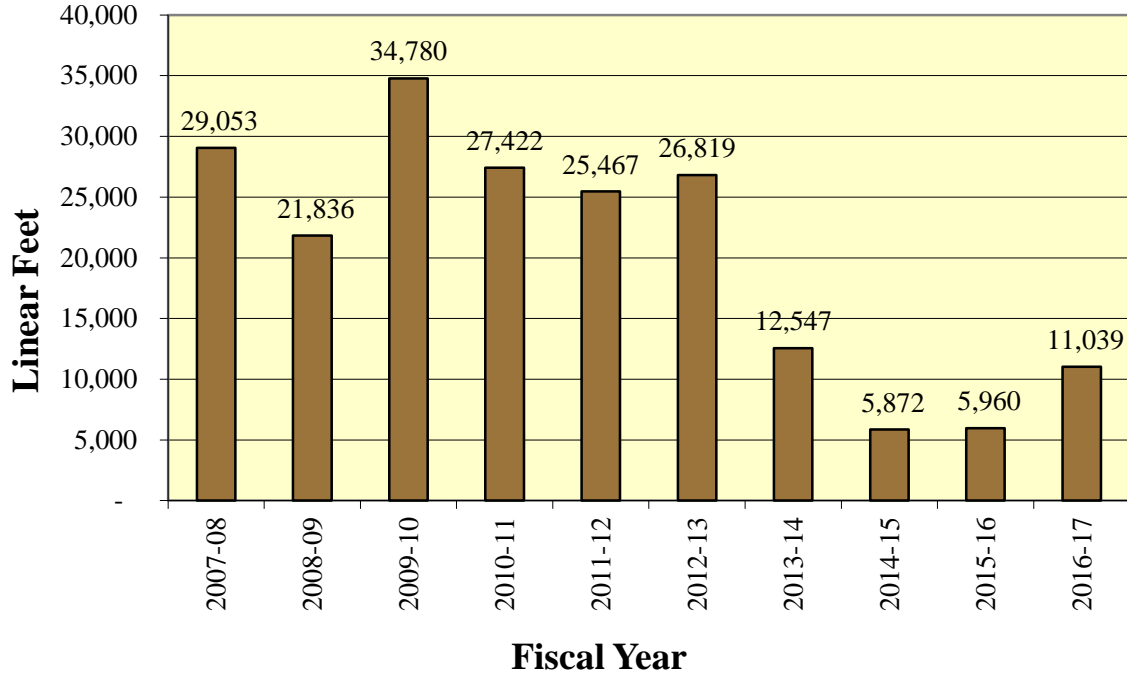
- A proposed rate increase of 10% or approximately \$0.45 per equivalent residential unit (ERU) per month. Dwindling cash reserves, stronger regulatory requirements and infrastructure needs are drivers for the proposed rate increase. Additional rate increases between 4% and 6% are projected through FY2022.
- The Stormwater capital improvement budget includes \$750,000 for lift stations and \$3,683,500 for 16 collection line improvement projects including drainage improvements on 1700 South, Gladiola Avenue, and 1300 East.
- The amount budgeted for riparian corridor projects is \$500,000 along Emigration creek and near the 10th North Lift Station.
- The Northwest Oil Drain Canal near the Water Reclamation Facility has continuing work to close the remediation site. The Department in cooperation with Utah DEQ, US EPA, BP, and Chevron is budgeting \$300,000 in the Sewer Utility and \$200,000 in the Stormwater Utility. The budget reflects the full costs including the 2/3 reimbursement from Chevron and British Petroleum.
- The Stormwater Utility in participation with the Sewer Utility may utilize some short term financing to raise an additional \$1.3 million for FY2019 to be paid back with the issuance of bonds in FY2020.
- Possible Bonding in FY2020 of \$5.3 million for flooding mitigation projects of 1700 South and 1300 East that continue from FY2019.

Stormwater Infrastructure Background

The Drainage Master Plan was completed in 1993. The projects identified in the Master Plan provide direction and areas that may or have already been completed. In the last ten years 40.1 miles of storm drain pipe has been installed (see graph next page). Some of the major projects that have been completed in the last 15 years are also shown on the table in the next page. The Fiscal Year 2019 budget includes \$700k to begin an update of the Drainage Master Plan to plan for changing climate conditions and green infrastructure.

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

STORMWATER LINE INSTALLATION HISTORY



New Drainage Pipe Installed in the Last 10 Years

2006	900 South Storm Drain.....	\$16m
2007	CWA #2 Pump Station.....	\$1.2m
2008	City Creek Diversion \$4m
2009	Upgrade Oil Drain Station.....	\$700k
2012	Folsom Storm drain	\$8m
2013	500 South pump station	\$1m
2017	2100 East 2200East Storm Drain...	\$1.2 m
—	Westside Drainage Channels.....	(yearly program)
—	Replace Cross Drains in Ave.....	(yearly program)

Major Drainage Projects in past 10 Years

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

Analysis of Estimated Revenue

An analysis of the estimated revenue anticipated in the budget for the Stormwater Utility is as follows:

Revenue (Storm)	Amended Budget 2017-2018	Proposed Budget 2018-2019	Difference	Percent
Operating Sales	\$8,050,000	\$8,855,000	\$805,000	10.00%
Interest	65,820	33,000	(32,820)	-49.86%
Impact fees	200,000	200,000	0	0.00%
Contributions	516,000	650,000	134,000	25.97%
Other	1,000	1,000	0	0.00%
Bond / Note	0	1,345,000	1,345,000	
From (To) Reserves	5,169,421	2,492,300	(2,677,121)	-51.79%
TOTAL	\$14,002,241	\$13,576,300	(\$425,941)	-3.04%

Explanation of revenue

Operating Sales: A rate increase of 10% or about \$0.45 per ERU per month is proposed raise \$805,000 to cover capital improvements, debt service in future years and operational needs.

Interest Income: Interest earned will decrease <\$32,820> as amounts from reserves continues to decrease cash balance.

Impact Fees: No change.

Contributions by Developers: Increase of \$134,000 for reimbursed cost sharing from oil companies related to Northwest Oil Drain remediation.

Other Fees: No change.

Bond / Note Proceeds: The department anticipates the possibility of needing to raise \$1,345,000 from short-term financing, such as bond anticipation notes, as cash reserves are applied to projects. The Department estimates that the short term financing arrangement will allow the Stormwater Utility to postpone a bond issuance until FY2020 and to avoid or defer approximately \$83,000 in bond interest expense.

Reserve Funds: Reserve funds of \$2,492,300 will be required to provide financing needed for the Utility's capital improvement program. These reserve funds from prior years' earnings directly reduce the Utility's cash reserves. FY2019 budgeted use of reserve funds is down <51.79%> or <\$2,677,121> from the FY2018 budget.

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

Analysis of Estimated Expenditures

The expenditure budget for the Stormwater Utility is proposed to decrease <\$425,941> or <3.04%> from the FY2018 budget. The proposed budget for fiscal year FY2019 by major expenditure category is as follows:

Major Expenditure Category (Storm)	Amended Budget 2017-2018	Proposed Budget 2018-2019	Difference	Percent
Personnel services	2,540,766	2,872,608	\$331,842	13.06%
Materials and supplies	179,350	186,450	7,100	3.96%
Charges for services	3,828,344	3,854,174	25,830	0.67%
Debt Service	1,010,724	1,014,000	3,276	0.32%
Capital improvements	6,132,667	5,133,500	(999,167)	-16.29%
Capital outlay	310,390	515,568	205,178	66.10%
TOTAL	\$14,002,241	\$13,576,300	(\$425,941)	-3.04%

Explanation of Expenditures

Personnel Services: The proposed budget increases employee costs \$331,842 or 13.06%. The Stormwater Utility budget anticipates an increase of 1.68 FTEs for the Stormwater Utility's distribution of 14 new employees across the Department. The FY2019 budget includes 2.5% COLA and a 7% increase in costs of employee insurance premiums..

Materials & Supplies: Materials and Supplies increase \$7,100:

- Computer supplies increase \$3,500
- Motive parts and accessories increase \$1,000
- Non motive parts increase \$2,100
- Laundry and linen supplies increase \$500

Charges & Services: This category increases \$25,830. The increase is related to the following charges and services:

- Billing services increase \$149,137
- Utilities increase \$39,024
- Payment in lieu of tax increases \$16,157
- Data processing charges increase \$4,700
- Other charges and services increase \$2,649
- Travel and training decreases <\$250>

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

- Technical services decrease <\$185,587>

Debt Service: No change expected in debt service payments even with short term borrowing.

Capital Outlay: The proposed capital outlay budget increases \$205,178 to \$515,568. The capital outlay budget includes \$85,500 for vehicles, \$379,068 field maintenance equipment, \$46,000 for telemetry for the lift stations, and \$5,000 for other non-motive equipment.

Capital Improvements: The proposed capital improvement budget of \$5,133,500 is comparable to FY2018 budget and includes \$800,000 to begin improvements on 100 South and \$986,000 to begin improvement on 1300 East. The capital improvement budget for FY2019 includes major categories of projects as follows:

Proposed Storm CIP Budget for Fiscal Year 2018-2019	
Type of Project	Budget Amount
Collection Lines	\$3,683,500
Riparian Corridor Improvements	500,000
Lift Stations	750,000
Landscaping	200,000
Total 2018-2019 Capital Improvement Program	\$5,133,500

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

STREET LIGHTING UTILITY ENTERPRISE FUND

Major Budget Issues for FY2019

- No rate changes are proposed for FY2019 or the next few years. The base lighting rates were established at the beginning of January 2013 for \$3.73 per month for an average residential customer, or Equivalent Residential Unit (ERU), and are expected to remain unchanged and sufficient for this fiscal year. Rates for enhanced tiers are \$5.67, Tier 2 \$15.94, Tier 3 \$43.82.
- Private lights program will be implemented. This \$20,000 transfer from the General Fund expresses the on-going desire of the City Council to provide a matching support to reduce the capital costs to neighborhoods installing private street lighting. Public Utilities administers this program.
- The Street Lighting Capital Program focuses on replacing aging light poles with energy efficient upgrades. Street Lighting capital improvements totaling \$2,605,000 are planned in the FY2019 including energy efficiency upgrades, wattage upgrades, system upgrades, and the replacement of poles, bulbs, fixtures, and wiring.

Street Lighting Infrastructure Background

Of the 15,581 lights that the city maintains, about 8,250, or 53%, are now considered to be energy efficient. We are in the fifth year of a ten year goal to convert all of the lights to high energy efficiency lamps. Another 1,500 lights are expected to be converted to energy efficient lamps in FY2019. The Street Lighting Utility is saving energy that has approximately \$300,000 favorable effect on the FY2018 budget and a similar effect in future years. There have been and may still be energy saving rebates available as the conversion continues.

Analysis of Estimated Revenue

An analysis of the estimated revenue anticipated in the budget for the Street Lighting Utility is as follows.

Revenue (Lights)	Amended Budget 2017-2018	Proposed Budget 2018-2019	Difference	Percent
Operating Sales	\$4,152,371	\$4,170,000	17,629	0.42%
Interest	30,000	52,000	22,000	73.33%
Other	2,000	2,000	0	0.00%
General Fund Cont.	20,000	20,000	0	0.00%
From (To) Reserves	914,171	1,324,117	409,946	44.84%
TOTAL	\$5,118,542	\$5,568,117	449,575	8.78%

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

Explanation of Revenue

Operating Sales: Operating sales are expected to remain unchanged from the prior year amended budget. (The difference is round rounding in the estimated budget for FY2019.)

Interest Income: Interest income increases. Historically approximately 1.5% of beginning cash is earned in interest. Interest is increasing because of unspent bond proceeds.

Other Fees: Other fees are budgeted to remain unchanged.

General Fund Contributions: No change. Public Utilities anticipates the general fund to continue contributing \$20,000 for private light options in FY2019.

Bonds: No additional bonding is anticipated.

Reserve Funds: The FY2019 budget anticipates using \$1,324,117 from the utility’s reserve funds—mostly unspent bond proceeds from the 2017 bond issue.

Analysis of Estimated Expenditures

The Department proposes an expenditure budget of \$5,568,117 for the Street Lighting Utility an increase of \$449,575 or 8.78% from the FY2018 amended budget. The proposed budget for fiscal year FY2019 by major expenditure category follows:

Major Expenditure Category (Lights)	Amended Budget 2017-2018	Proposed Budget 2018-2019	Difference	Percent
Personnel services	\$259,424	\$198,307	(61,117)	-23.56%
Materials and supplies	7,300	7,300	0	0.00%
Charges for services	2,381,770	2,654,510	272,740	11.45%
Debt Service	85,048	103,000	17,952	21.11%
Capital improvements	2,385,000	2,605,000	220,000	9.22%
Capital equipment	0	0	0	0.00%
TOTAL	\$ 5,118,542	\$ 5,568,117	449,575	8.78%

Explanation of expenditures

Personnel Services: The proposed budget decreases employee costs <\$61,117> or <23.56%>. The Street Lighting Utility budget anticipates a decrease of<0.92> FTEs because some employees were redistributed based on how they work with the various utilities within the department. The FY2019 budget includes 2% COLA and a 7% increase in costs of employee insurance premiums.

Materials & Supplies: No change.

FY2019 PUBLIC UTILITIES RECOMMENDED BUDGET

Charges & Services: The proposed budget for charges and services increases \$272,740 or 11.45% in FY2019. The changes are as follows:

- Technical services increase \$279,708
- Electricity costs are budgeted to decrease <\$7,768>
- Other charges and services increase \$800

Debt Service: In compliance with the outstanding bond, Series 2017 Bond, budgeted debt service payments increase \$17,952.

Capital Equipment: No expenditures for capital equipment are planned.

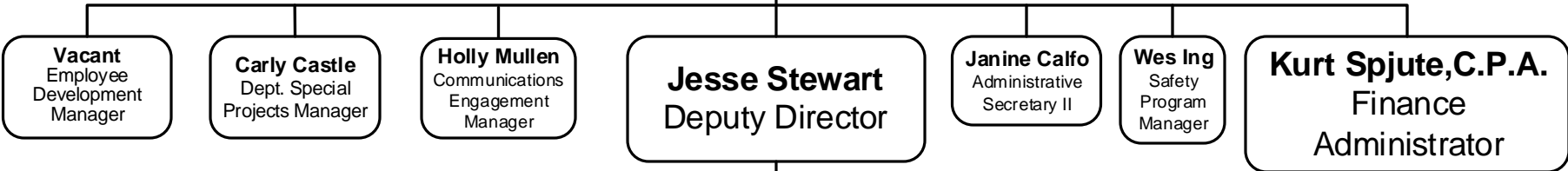
Capital Improvements: The proposed capital improvement budget is \$2,605,000 with an increase of \$220,000 or 9.22% from the FY2018 amended budget. The capital improvement budget for FY2019 is as follows for base lighting and all enhanced tiers:

Proposed Street Lighting CIP for Fiscal Year 2018-2019	
Type of Project	Budget Amount
System upgrade for high efficiency and uniformity	\$2,215,000
Rewiring of street lights	365,000
Capital replacement	25,000
Total 2018-2019 Capital Improvement Program	\$2,605,000

**Salt Lake City Corporation
PUBLIC UTILITIES
ORGANIZATIONAL STRUCTURE**

**FISCAL YEAR
2018 - 2019**

**Laura Briefer
Director**



Karryn Greenleaf
Property Agent
P.U. Records Program
Contracts & Construction

Development
Street Lighting
Water Conservationist
Water Resources
Water Rights
Hydrology

Finance
Billing
Customer Service
Meter Reading

Marian Rice
Water Quality & Treatment Administrator

Nick Kryger
GIS & IT System Administrator

Jamey West
Water Reclamation Manager

Randy Bullough
Operations/Maintenance Superintendent

Jason Brown, P.E.
Chief Engineer

Water Quality
Pretreatment
Storm Water Quality
Regulatory Compliance
Cross Connection & Control
Watershed Management
City Creek Water Treatment Plant
Parley's Water Treatment Plant
Big Cottonwood Water Treatment Plant

GIS
Records
Locators
Leak Detection
Survey
Document Management
Public Utilities Web

Waste Water Treatment Plant
Safety Specialist

Water Maintenance
Sewer Maintenance
Storm Water Maintenance
Distribution
Telemetering
Support Services
Warehouse

Engineering
Capital Improvement
Design
Inspection

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

DESCRIPTION OF SERVICES	June 30, 2017	June 30, 2017	June 30, 2017	June 30, 2017	ACTUAL	FY 2017/2018 BUDGET	FY PROPOSED 2018/2019 BUDGET
	ACTUALS WATER	ACTUALS SEWER	ACTUALS STORM	ACTUALS STREET LIGHT	Public Utilities June 30, 2017 TOTALS		
Administrative Service Fees (General Fund)							
Human Resources	\$ 160,182	\$ 118,690	\$ 51,791	\$ 409	\$ 331,072	\$ 350,660	\$ 358,450
City Attorney	124,489	15,530	5,916	8,628	154,563	158,640	167,350
Accounting/Finance	139,249	91,842	17,434	2,960	251,485	178,450	272,280
Purchasing & Contracts	61,631	22,066	2,357	2,732	88,786	124,300	96,130
City Recorders	52,625	15,485	10,718	839	79,667	108,030	86,260
Property Management	4,635	2,089	425	31	7,180	5,500	7,770
Budget and Policy	27,001	11,580	3,502	203	42,286	26,450	45,780
Non-discretionary IMS Costs	102,440	52,288	27,325	338	182,391	194,700	197,480
Treasurer's Office (cash mgt.)	9,725	1,749	1,354	75	12,903	17,500	13,970
City Council	25,597	12,798	4,541	4,129	47,065	91,420	50,960
Mayor	631	1,262	631	315	2,839	15,430	3,070
Community Affairs	472	264	94	94	924	3,920	1,000
Total Admin Fees	\$ 708,677	\$ 345,643	\$ 126,088	\$ 20,753	\$ 1,201,161	\$ 1,275,000	\$ 1,300,500
Tax of Fee Authorized							
Payment in Lieu-of-Taxes (General Fund)	\$ 475,281	\$ 345,994	\$ 160,102	\$ -	\$ 981,377	\$ 814,795	\$ 970,192
Franchise Fees (General Fund)	2,648,700	884,634	368,353	-	3,901,687	5,029,151	5,507,794
Sub Total	\$ 3,123,981	\$ 1,230,628	\$ 528,455	\$ -	\$ 4,883,064	\$ 5,843,946	\$ 6,477,986
Internal Service Fund Services							
Fleet Mgt. Services	\$ 983,193	\$ 467,758	\$ 182,975	\$ -	\$ 1,633,927	\$ 2,002,000	\$ 2,007,000
City Data Processing (IMS)	583,476	249,464	212,506	-	1,045,445	915,000	1,154,700
Telephone Charges	61,476	40,068	8,226	-	109,770	92,400	92,400
Risk Mgt. Administrative Fees (Gov. Immunity)	116,735	16,366	2,478	-	135,579	241,550	206,550
Risk Management Premiums & Charges	773,106	242,268	68	7,551	1,022,993	1,466,178	1,277,483
Sub Total	\$ 2,517,986	\$ 1,015,924	\$ 406,254	\$ 7,551	\$ 3,947,714	\$ 4,717,128	4,738,133
Special Associated Charges (indirect benefit)							
OneSolution Maintenance (network financial system)	\$ 82,822	\$ 17,540	\$ 2,769	\$ -	\$ 103,131	\$ 109,000	109,000
Street Sweeping	-	-	819,605	-	819,605	819,605	819,605
Neighborhood Clean-up	-	-	-	-	-	118,000	118,000
Emergency Management	-	-	-	-	-	30,000	30,000
Tracy Aviary Stormwater Education Cost	-	-	150,000	-	150,000	150,000	75,000
Sub Total	\$ 82,822	\$ 17,540	\$ 972,374	\$ -	\$ 1,072,736	\$ 1,226,605	\$ 1,151,605
TOTAL FEES, TAXES AND CHARGES	\$ 6,433,466	\$ 2,609,735	\$ 2,033,171	\$ 28,304	\$ 11,104,675	\$ 13,062,679	\$ 13,668,224

Department of Public Utilities
 Laura Briefer, Director

	FY 2016-17 Actual	FY 2017-18 Adopted Budget	FY 2018-19 Adopted Budget	Explanation of Changes
Full Time Equivalent Position Total	394.00	397.00	411.00	
<i>Water Utility Fund</i>	252.05	252.03	262.27	Increase of 8.24 FTE, transfer in 2.0 FTE
<i>Sewer Utility Fund</i>	109.85	111.93	114.93	Increase of 2.95 FTEs, transfer in .05 FTE
<i>Storm Water Utility Fund</i>	30.10	30.62	32.30	Increase 2.73 FTE, transfer out 1.05 FTE
<i>Street Lighting Fund</i>	2.00	2.42	1.50	Increase of 0.08 FTE, transfer out 1.00 FTE
DEPARTMENT BUDGET				
Personal Services	30,251,639	33,102,659	35,516,006	Increase of 14.0 FTEs, 3% COLA, increase of 10.4% in cost of employee insurance and other benefits
Operating and Maintenance supply	4,589,212	5,980,100	6,346,750	Increase of \$97,000 in Small Tools and Equipment, increase of \$65,000 in Permits, \$28,300 in Computer supplies, \$28,600 in City Building Supplies, and \$212,400 in Repair and Maintenance supplies.
Charges for services	39,582,650	46,951,732	48,628,924	Increase of \$7 million in Metropolitan Water Assessments and \$1 million in Special Consultant, \$100,000 in Legal Fees, \$239,000 in City Data Processing Services, \$246,910 in Water Treatment, \$340,000 in Land Rentals, \$218,958 in Water Purchase, \$155,397 Payment In Lieu of Taxes and decrease in 7.6 million in Other Professional & Tech Serv.
Bonding/Debt/Interest Charges	7,308,562	7,551,626	8,292,000	Debt service on proposed sewer and Street Lighting bond
Capital Outlay	38,830,959	114,241,191	134,797,468	Water, Sewer and Storm projects
Transfers Out	686,736	692,605	692,605	Transfer to Data Processing Fund
Total Department of Public Utilities	121,249,758	208,519,913	234,273,753	
Administration				
Safety and Emergency Preparedness	201,865	232,428	244,972	
Contracts	481,151	604,715	615,516	
Developmental Services	403,687	399,023	368,803	
Administration	183,551	179,460	213,762	Increase in employee benefits
Watershed Management	934,214	1,318,779	1,507,090	Increase in Special Consultant and Other Professional & Technical Services
Water Conservation	123,544	327,105	409,444	Increase in Special Consultant and Outside Ground Maint. Supplies
GIS	1,726,671	1,885,383	1,946,593	Increase in employee benefits and micro computer maintenance contracts
Total Administration	4,054,683	4,946,893	5,306,180	
Finance				
Meter Reading	1,013,479	1,108,764	1,188,468	Increase in Other Pro. Servcs
Billing	1,252,463	1,178,330	1,315,123	Increase in City Data Processing Servcs
Customer Service	1,621,792	1,714,981	1,748,530	Increase in Emp benefits
Accounting	2,333,658	2,710,414	3,003,339	Increase in City Data Processing Servcs and Other Professional and Technical Services
Utility General Administration	7,726,043	8,860,092	8,929,434	Increase in Other Pro. Servcs and Land Rentals
Total Finance	13,947,435	15,572,581	16,184,894	
Engineering				
Water Engineering	806,550	1,331,462	2,412,703	Increase in Special Consultant Expenses
Sewer Engineering	260,761	1,475,056	1,335,399	Decrease in Special Consultant Expenses
Stormwater Engineering	450,646	1,412,334	1,535,568	Increase in Special Consultant Expenses
Total Engineering	1,517,957	4,218,852	5,283,670	
Water Resources				
Hydrology & Water Rights	474,860	994,004	876,746	
Total Water Resources	474,860	994,004	876,746	

Department of Public Utilities
 Laura Briefer, Director

	FY 2016-17	FY 2017-18	FY 2018-19	
	Actual	Adopted Budget	Adopted Budget	Explanation of Changes
Water Quality				
Little Dell Recreation	86,998	115,712	115,772	
Water Treatment	4,165,697	4,292,020	4,685,982	Increase in Employee Expenses, City Building Supplies, and Chemicals
Metropolitan Water Purchases	21,811,368	22,550,842	23,016,710	
Cross Connection Control	198,526	235,061	249,269	
Water Quality and Analysis	<u>1,191,789</u>	<u>1,692,686</u>	<u>1,882,630</u>	
Total Water Quality	27,454,378	28,886,321	29,950,363	
Water Reclamation				
Water Reclamation Plant	6,772,503	8,645,763	8,818,093	Increase in chemicals, professional services, and electrical power
Pre-Treatment Program	<u>604,588</u>	<u>705,722</u>	<u>822,396</u>	
Total Water Reclamation	7,377,091	9,351,485	9,640,489	
Maintenance				
Water Operations and Maintenance	12,646,595	14,476,395	15,232,193	COLA for personal services and benefits
Wastewater Collections	2,494,482	3,116,134	3,128,357	COLA for personal services and benefits
Stormwater Collections	2,180,684	2,266,145	2,441,494	COLA for personal services and benefits
Street Lighting Maintenance	2,789,689	2,648,494	2,860,117	Increase in Other Professional & Tech Services
Storehouse (Inventory)	<u>201,597</u>	<u>254,792</u>	<u>279,782</u>	
Total Maintenance	20,313,047	22,761,960	23,941,943	
CIP and Debt Service				
Water	24,919,458	24,495,900	41,303,900	Increase in capital improvements
Sewer	15,005,128	88,488,088	92,414,500	Increase in capital improvements
Stormwater	4,896,000	6,353,781	6,663,068	Increase in capital improvements
Street Lighting	<u>1,289,721</u>	<u>2,450,048</u>	<u>2,708,000</u>	Increase in capital improvements
Total CIP and Debt Service	46,110,307	121,787,817	143,089,468	
Total Department of Public Utilities	121,249,758	208,519,913	234,273,753	
FUND SOURCES				
Water Utility Fund	78,091,482	83,892,973	104,192,777	Increase in capital improvements
Sewer Utility Fund	29,318,074	106,726,157	110,936,559	Increase in capital improvements
Stormwater Utility Fund	10,160,688	12,802,241	13,576,300	Increase in capital improvements
Street Lighting	<u>3,679,514</u>	<u>5,098,542</u>	<u>5,568,117</u>	Increase in capital improvements
Total Department of Public Utilities	121,249,758	208,519,913	234,273,753	

**WATER UTILITY
ENTERPRISE FUND
BUDGET SUMMARY
Fiscal Years 2019-21**

SOURCES				Rate Increase 4%	Rate Increase 4%	Rate Increase 4%
	ACTUAL 2016-17	AMENDED BUDGET 2017-18	PROJECTED ACTUAL 2017-18	PROPOSED BUDGET 2018-19	FORECAST BUDGET 2019-20	FORECAST BUDGET 2020-21
REVENUES						
METERED SALES	\$71,572,921	\$70,470,525	\$70,470,525	\$73,289,346	\$76,220,920	\$79,269,757
INTEREST INCOME	519,192	553,382	553,382	375,000	119,000	460,000
OTHER REVENUES	3,906,688	2,814,186	2,814,186	3,037,985	3,037,985	3,037,985
TOTAL REVENUES	\$75,998,801	\$73,838,093	\$73,838,093	\$76,702,331	\$79,377,905	\$82,767,742
OTHER SOURCES						
GRANTS & OTHER RELATED REVENUES	\$6,215,096	\$1,205,000	\$1,205,000	\$1,205,000	\$1,205,000	\$1,205,000
IMPACT FEES	2,916,854	500,000	500,000	500,000	500,000	500,000
OTHER SOURCES	(16,011)	50,000	50,000	50,000	50,000	50,000
BOND PROCEEDS	-	-	-	-	68,380,000	-
TOTAL OTHER SOURCES	\$9,115,939	\$1,755,000	\$1,755,000	\$1,755,000	\$70,135,000	\$1,755,000
TOTAL SOURCES	\$85,114,740	\$75,593,093	\$75,593,093	\$78,457,331	\$149,512,905	\$84,522,742
EXPENSES & OTHER USES						
EXPENDITURES						
PERSONNEL SERVICES	\$19,764,621	\$20,585,385	\$20,585,385	22,069,746	\$22,511,142	\$22,961,365
OPERATING & MAINTENANCE	3,112,503	3,900,830	3,900,830	4,218,280	4,235,446	4,320,134
TRAVEL & TRAINING	49,951	125,148	125,148	146,408	149,338	152,322
UTILITIES	2,586,682	2,745,648	2,745,648	2,854,647	2,911,739	2,969,968
TECHNICAL SERVICES	2,913,339	6,549,680	6,549,680	6,276,000	5,542,386	5,383,232
DATA PROCESSING	816,162	774,999	774,999	967,347	986,695	1,006,427
FLEET MAINTENANCE	998,883	1,270,000	1,270,000	1,250,000	1,275,000	1,300,500
ADMINISTRATIVE SERVICE FEE	708,677	800,000	800,000	800,000	816,000	832,320
PAYMENT IN LIEU OF TAXES	475,281	398,485	398,485	476,000	485,520	495,230
METRO. WATER PURCH & TREAT	14,789,476	15,528,950	15,528,950	15,994,818	16,474,663	16,968,903
METRO ASSESSMENT (CAPITAL)	7,021,892	7,021,892	7,021,892	7,021,892	7,021,892	7,021,892
RISK MANAGEMENT	889,841	1,138,550	1,138,550	1,088,550	1,110,321	1,132,526
TRANSFERS TO GENERAL FUND	82,822	85,000	85,000	85,000	86,700	88,434
OTHER CHARGES AND SERVICES	(1,114,878)	(332,494)	(332,494)	(359,811)	(369,303)	(376,689)
TOTAL EXPENDITURES	\$53,095,252	\$60,592,073	\$60,592,073	\$62,888,877	\$63,237,539	\$64,256,564
OTHER USES						
CAPITAL OUTLAY	\$1,633,858	\$5,630,091	\$6,488,901	\$4,614,400	\$3,350,000	\$3,300,000
CAPITAL IMPROVEMENT BUDGET	20,180,588	29,147,000	17,148,052	35,572,500	46,246,000	46,655,000
COST OF DEBT ISSUANCE	47,558	5,000	5,000	-	380,000	-
DEBT SERVICES	3,134,226	918,809	939,127	1,117,000	2,182,000	4,248,000
TOTAL OTHER USES	\$24,996,230	\$35,700,900	\$24,581,080	\$41,303,900	\$52,158,000	\$54,203,000
TOTAL USES	\$78,091,482	\$96,292,973	\$85,173,153	\$104,192,777	\$115,395,539	\$118,459,564
EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES						
	\$7,023,258	(\$20,699,880)	(\$9,580,060)	(\$25,735,446)	\$34,117,366	(\$33,936,822)
OPERATING CASH BALANCES						
BEGINNING JULY 1	\$40,024,797	\$47,048,055	\$47,048,055	\$37,467,995	\$11,732,549	\$45,849,915
ENDING JUNE 30	\$47,048,055	\$26,348,175	\$37,467,995	\$11,732,549	\$45,849,915	\$11,913,093
Cash Reserve Ratio	89%	43%	62%	19%	73%	19%
Cash reserve goal above 10%						

WATER UTILITY
Cash Flow
FY 2019 Budget
and FY 2020-2023 Forecast

	ACTUAL YEAR 2016-2017	PROJECTED YEAR 2017-2018	BUDGET YEAR 2018-2019	BUDGET YEAR 2019-2020	BUDGET YEAR 2020-2021	BUDGET YEAR 2021-2022	BUDGET YEAR 2022-2023
WATER SALES	71,572,921	70,470,525	73,289,346	76,220,920	79,269,757	82,440,547	85,738,169
OTHER INCOME	3,890,677	2,814,186	3,087,985	3,087,985	3,087,985	3,087,985	3,087,985
INTEREST INCOME	519,192	553,382	375,000	119,000	460,000	121,000	264,000
OPERATING INCOME	75,982,790	73,838,093	76,752,331	79,427,905	82,817,742	85,649,532	89,090,154
METROPOLITAN WATER ACCESSIONMENT	(7,021,892)	(7,021,892)	(7,021,892)	(7,021,892)	(7,021,892)	(7,021,892)	(7,021,892)
METROPOLITAN WATER PURCHASES	(14,789,476)	(15,528,950)	(15,994,818)	(16,474,663)	(16,968,903)	(17,477,971)	(18,002,310)
OPERATING EXPENDITURES	(31,331,442)	(38,046,231)	23,016,710	23,496,555	23,990,795	24,499,863	25,024,202
NET INCOME EXCLUDING DEP.	22,839,980	13,241,020	76,752,331	79,427,905	82,817,742	85,649,532	89,090,154
NET BOND PROCEEDS		0		68,000,000		26,000,000	0
BIC Borrowed			0	380,000	0	146,000	0
BIC Paid			0	(380,000)	0	(146,000)	0
SHORT TERM FINANCING							
IMPACT FEES	2,916,854	500,000	500,000	500,000	500,000	500,000	500,000
OTHER CONTRIBUTIONS	6,215,096	1,255,000	1,205,000	1,205,000	1,205,000	1,205,000	1,205,000
CAPITAL OUTLAY	(1,633,858)	(4,988,901)	(3,114,400)	(1,850,000)	(1,800,000)	(1,200,000)	(1,200,000)
WATERSHED PURCHASES	0	(1,500,000)	(1,500,000)	(1,500,000)	(1,500,000)	(1,500,000)	(1,500,000)
DEBT SERVICE	(3,134,226)	0	(1,117,000)	(1,127,000)	(1,085,000)	(1,090,000)	(1,091,000)
NEW DEBT SERVICE	0	(939,127)	0	(1,055,000)	(3,163,000)	(3,610,000)	(4,503,000)
OTHER INCOME & EXPENSE	4,363,866	(5,673,028)	(4,026,400)	64,173,000	(5,843,000)	20,305,000	(6,589,000)
AVAILABLE FOR CAPITAL	27,203,846	7,567,992	72,725,931	143,600,905	76,974,742	105,954,532	82,501,154
CAPITAL IMPROVEMENTS	(20,180,588)	(17,148,052)	(35,572,500)	(46,246,000)	(46,655,000)	(26,373,000)	(29,090,000)
BEGINING CASH BALANCE	40,024,797	47,048,055	37,467,995	74,621,426	171,976,331	202,296,073	281,877,605
CASH INCREASE/(DECREASE)	7,023,258	(9,580,060)	37,153,431	97,354,905	30,319,742	79,581,532	53,411,154
ENDING BALANCES	47,048,055	37,467,995	74,621,426	171,976,331	202,296,073	281,877,605	335,288,759
DEBT SERVICE COVERAGE	7.29	14.10	68.71	36.40	19.50	18.22	15.93
RATE CHANGE	4%	5%	4%	4%	4%	4%	4%
Cash Reserve Ratio	89%	62%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Reserve Fund Requirement 10% of operating exper	5,314,281	6,059,707	0	0	0	0	0
Reserves available for capital	41,733,774	31,408,288	74,621,426	171,976,331	202,296,073	281,877,605	335,288,759

WATER REVENUE HISTORY

FUND NO.	ACCOUNT TITLE	ACTUAL FISCAL 2008-2009	ACTUAL FISCAL 2009-2010	ACTUAL FISCAL 2010-2011	ACTUAL FISCAL 2011-12	ACTUAL FISCAL 2012-13	ACTUAL FISCAL 2013-14	ACTUAL FISCAL 2014-15	ACTUAL FISCAL 2015-16	ACTUAL FISCAL 2016-17	ESTIMATED FISCAL 2017-18	TEN-YEAR AVERAGE 2008-2018	APPROVED FISCAL 2018-19	INCREASE (DECREASE)
	OPERATING REVENUES													
1601	METERED SALES	\$ 54,536,094	\$ 50,993,462	\$ 54,762,585	\$ 53,592,912	\$ 64,794,072	\$ 61,542,077	\$ 59,920,113	\$ 63,801,814	\$ 71,572,921	\$ 70,470,525	\$ 60,598,658	\$ 73,289,346	\$ 2,818,821
1603	FLATE RATE SALES	626,756	699,719	636,293	593,736	807,871	622,095	628,209	658,160	634,947	50,000	\$ 595,779	50,000	-
1606	HYDRANT RENTALS	108,000	108,000	108,000	108,000	108,000	108,000	108,000	108,000	108,000	108,000	108,000	108,000	-
1618	REPAIR & RELOCATION	106,473	34,162	113,379	83,648	20,142	107,259	49,075	99,181	99,002	80,000	79,232	80,000	-
1619	OTHER REVENUES	135,467	233,881	594,453	139,219	199,427	196,212	169,523	290,918	181,287	140,000	228,039	140,000	-
1801	GROUND RENTALS	203,152	198,836	289,290	253,459	351,885	340,616	340,499	364,500	383,461	200,000	292,570	200,000	-
1830	INTEREST INCOME	723,551	434,780	283,716	314,043	340,774	357,446	331,083	358,450	519,192	553,382	421,642	375,000	(178,382)
1885	FUEL REIMBURSEMENT	3,619	2,933	2,704	2,704	2,704	2,703	3,366	3,432	3,369	-	2,753	-	-
1890	SUNDRY REVENUES	4,994	(3,242)	8,727	19,784	3,837	44,136	1,199	9,660	(12,363)	10,000	8,673	10,000	-
1955	OTHER INTERFUND													
	REIMBURSEMENTS (SEWER)	612,210	648,458	652,379	650,589	674,955	611,863	637,485	696,742	752,177	776,907	671,377	856,889	79,982
	(GARBAGE)	485,237	528,752	566,132	514,159	533,414	520,597	546,916	528,667	632,567	629,716	548,616	720,162	90,446
	(STREETLIGHTING)						240,000	240,000	240,000	240,000	240,000	120,000	240,000	-
	(TRANSIT)						55,000	55,000	61,000	61,000	61,000	29,300	55,000	(6,000)
	(DRAINAGE)	422,553	457,700	474,911	462,654	479,981	406,540	423,849	454,880	499,911	518,563	460,154.17	577,934	59,371
1974.07	TRANSFER FROM RISK MGMT									364,798				-
	TOTAL OPERATING	57,968,106	54,337,441	58,492,569	56,734,907	68,317,062	65,154,544	63,454,317	67,675,404	76,040,269	73,838,093	64,164,791	76,702,331	2,864,238
	NON-OPERATING													
1784	GAIN ON SALE OF													
	PROPERTY	123,974	144,119	134,268	180,721	54,093	639,336	258,215	346,242	-	50,000	193,097	50,000	-
1910	CONTRIBUTIONS IN AID													
	PRIVATE CONTRIBUTION	6,189,359	1,316,224	754,333	999,357	3,991,046	764,181	8,581	127,798	6,214,656	655,000	2,102,053	655,000	-
191010	CONTRIBUTIONS IN AID													
	TO CONST HYDRANTS	542,649	2,090	27,671	-	1,210	4,613	34,817	440	440	300,000	91,393	300,000	-
1912	CONTRIBUTIONS IN AID													
	TO CONST OTHER	1,615,394	1,455,399	998,132	942,688	838,040	1,054,559	1,225,898	1,460,109	2,378,538	500,000	1,246,876	500,000	-
1911	CONTRIBUTIONS IN AID													
	TO CONST NEW SERV	359,194	231,015	230,995	-	206,818	267,060	706,834	-	538,317	250,000	279,023	250,000	-
1980	BOND PROCEEDS	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL NON-OPERATING	8,830,570	3,148,847	2,145,399	2,122,766	5,091,207	2,729,749	2,234,345	1,934,589	9,131,950	1,755,000	3,912,442	1,755,000	-
	TOTAL REVENUES	\$ 66,798,676	\$ 57,486,288	\$ 60,637,968	\$ 58,857,673	\$ 73,408,269	\$ 67,884,293	\$ 65,688,662	\$ 69,609,993	\$ 85,172,219	\$ 75,593,093	\$ 68,077,234	\$ 78,457,331	\$ 2,864,238

WATER OPERATING HISTORICAL COST COMPARISON

APPROPRIATION COST CENTER	ACTUAL FISCAL YEAR 2008-2009	ACTUAL FISCAL YEAR 2009-2010	ACTUAL FISCAL YEAR 2010-2011	ACTUAL FISCAL YEAR 2011-2012	ACTUAL FISCAL YEAR 2012-2013	ACTUAL FISCAL YEAR 2013-2014	ACTUAL FISCAL YEAR 2014-2015	ACTUAL FISCAL YEAR 2015-2016	ACTUAL FISCAL YEAR 2016-2017	BUDGETED FISCAL YEAR 2017-2018	ESTIMATED FISCAL YEAR 2017-2018	PROJECTED FISCAL YEAR 2018-2019
5101 WATER SUPPLY												
00100 CANAL MAINT	633,870	700,648	739,671	737,994	746,867	845,604	794,445	832,500	824,968	992,790	992,790	1,042,778
00200 WATER RESOURCES	158,999	154,098	147,305	148,703	298,822	402,426	404,416	704,044	474,860	994,004	994,004	876,746
TOTAL	792,869	854,746	886,976	886,697	1,045,689	1,248,030	1,198,861	1,536,544	1,299,828	1,986,794	1,986,794	1,919,524
5103 WTR PWR & PMPNG												
00300 DEEP WELLS	296,440	310,333	398,350	274,066	653,189	504,354	530,158	581,181	692,447	695,013	695,013	795,373
00400 BOOSTER PMPNG	1,208,569	1,172,010	1,260,509	1,345,507	1,286,615	1,359,396	1,436,614	1,511,072	1,492,564	1,560,224	1,560,224	1,563,620
00500 IRRGTION PMPNG	91,705	136,908	130,984	99,367	254,671	126,380	144,260	168,333	136,955	229,820	229,820	231,518
TOTAL	1,596,714	1,619,251	1,789,843	1,718,940	2,194,475	1,990,130	2,111,032	2,260,586	2,321,966	2,485,057	2,485,057	2,590,511
5105 WTR PURIFICATION												
00600 WTRSHD PATROL	805,161	803,929	816,493	868,618	743,850	912,828	831,921	755,213	934,214	1,318,779	1,318,779	1,507,090
00700 CITY CREEK	885,975	863,178	921,405	915,285	892,512	980,866	1,011,966	1,042,569	1,121,143	1,152,802	1,152,802	1,353,985
00800 PARLEYS	1,246,385	1,200,151	1,435,280	1,426,769	1,225,516	1,251,573	1,295,157	1,492,235	1,614,620	1,549,401	1,549,401	1,647,507
00900 BIG COTTONWOOD	1,263,343	1,250,410	1,229,450	1,261,777	1,221,058	1,342,027	1,259,186	1,362,636	1,391,488	1,528,117	1,528,117	1,620,790
01000 CROSS CONNECTION-SAM	183,759	184,232	191,968	201,425	245,226	203,516	193,881	200,784	198,526	235,061	235,061	249,269
01100 METROPOLITIAN WATER	16,242,876	15,402,588	16,370,022	15,669,997	20,476,274	18,875,869	18,645,871	19,671,860	21,811,368	22,550,842	22,550,842	23,016,710
03500 LITTLE DELL RECREATION	79,023	77,866	82,261	82,884	69,491	79,707	77,120	91,047	86,998	115,712	115,712	115,772
TOTAL	20,706,522	19,782,354	21,046,879	20,426,755	24,873,927	23,646,386	23,315,102	24,616,345	27,158,357	28,450,714	28,450,714	29,511,123
5107 TRANS & DIST.												
01300 ENGINEERING	464,813	388,953	458,012	369,026	568,561	681,405	556,837	885,600	806,550	1,331,462	1,331,462	2,412,703
01400 DISTRIBUTION	2,524,589	2,486,498	2,556,813	2,790,560	2,707,201	2,958,261	2,728,167	2,848,768	2,897,721	3,041,816	3,041,816	3,173,303
01500 COMPUTER	279,777	275,895	294,300	297,584	284,020	324,117	303,020	317,618	333,126	353,792	353,792	365,816
01600 GIS	708,562	679,430	708,861	722,652	729,343	783,184	766,811	880,544	875,194	955,867	955,867	1,037,375
01700 MAINTENANCE	3,626,723	3,570,717	3,719,372	3,874,347	3,861,759	4,522,972	3,730,078	4,156,265	3,982,920	4,666,884	4,666,884	4,966,297
01200 LITTLE DELL DAM	14,614	16,317	20,926	26,425	40,211	28,401	45,199	42,899	38,445	61,700	61,700	63,700
01800 WATER QUALITY	597,141	545,809	531,721	552,523	526,167	530,554	513,852	529,510	584,695	922,583	922,583	993,023
04000 SMALL DAMS & RESERVOIRS									2,506			
TOTAL	8,216,219	7,963,619	8,290,005	8,633,117	8,717,262	9,828,894	8,643,963	9,661,204	9,521,157	11,334,104	11,334,104	13,012,217

WATER OPERATING HISTORICAL COST COMPARISON

APPROPRIATION COST CENTER	ACTUAL FISCAL YEAR 2008-2009	ACTUAL FISCAL YEAR 2009-2010	ACTUAL FISCAL YEAR 2010-2011	ACTUAL FISCAL YEAR 2011-2012	ACTUAL FISCAL YEAR 2012-2013	ACTUAL FISCAL YEAR 2013-2014	ACTUAL FISCAL YEAR 2014-2015	ACTUAL FISCAL YEAR 2015-2016	ACTUAL FISCAL YEAR 2016-2017	BUDGETED FISCAL YEAR 2017-2018	ESTIMATED FISCAL YEAR 2017-2018	PROJECTED FISCAL YEAR 2018-2019
5109 SHOPS & MAINT												
02000 WRK ORDR OFFICE	205,166	212,667	203,378	137,734	148,247	152,528	151,628	165,397	177,812	177,721	177,721	184,465
02100 STOREHOUSE	273,888	313,143	262,768	223,526	222,425	234,363	222,984	236,460	201,597	254,792	254,792	279,782
02200 GENERAL MAINT	536,547	633,437	622,047	740,452	707,317	801,200	722,352	770,955	785,222	841,495	841,495	941,208
02300 FLEET MAINT	528,011	202,186	37,027	309,839	363,098	420,216	248,147	296,139	(8,996)	601,510	601,510	586,449
02400 METER REPAIR	442,352	515,932	509,754	492,244	439,566	592,707	541,667	604,665	658,999	648,518	648,518	683,308
02500 ELECT & TELMTRY	487,831	511,715	506,860	561,226	589,980	611,888	602,988	634,074	676,226	666,812	666,812	698,058
TOTAL	2,607,306	2,389,080	2,141,834	2,465,021	2,470,633	2,812,902	2,489,766	2,707,691	2,490,860	3,190,848	3,190,848	3,373,270
5111 WTR CUSTOMER SERV												
02600 METER READING	761,723	704,277	760,099	850,699	814,549	921,777	868,590	988,268	1,013,479	1,108,764	1,108,764	1,188,468
02700 BILLING	1,034,539	1,130,515	975,560	1,014,337	1,006,117	911,090	906,447	1,275,961	1,252,463	1,178,330	1,178,330	1,315,123
02800 CUSTOMER SERV	1,135,055	1,162,252	1,101,487	1,250,032	1,265,550	1,308,875	1,318,727	1,498,951	1,621,792	1,714,981	1,714,981	1,748,530
02900 ACCOUNTING	657,648	598,451	632,273	698,257	763,776	850,670	940,635	1,004,927	1,176,669	1,534,698	1,534,698	1,710,495
TOTAL	3,588,965	3,595,495	3,469,419	3,813,325	3,849,992	3,992,412	4,034,399	4,768,108	5,064,403	5,536,773	5,536,773	5,962,616
5113 WATER ADMIN												
03100 ADMINISTRATION	183,908	127,648	92,901	98,553	93,394	115,841	111,864	225,057	102,705	99,620	99,620	120,450
03200 GNRAL OPRIONS	2,512,102	2,868,270	2,843,723	3,681,995	3,294,875	3,751,256	4,565,397	1,592,945	3,036,460	3,551,407	3,551,407	3,484,431
03300 CNTRCTS & CONST	479,588	473,883	364,730	405,667	440,967	409,752	547,139	374,103	481,151	604,715	604,715	615,516
03400 DEVELOPMENT & REVIEW	315,993	331,023	325,009	400,505	399,646	298,776	280,460	330,157	403,687	399,023	399,023	368,803
03600 WATER CONSERVATION	85,727	119,040	104,415	124,263	132,708	130,185	101,241	164,500	121,017	327,105	327,105	409,444
03000 SAFETY PROGRAM	133,511	185,659	148,081	194,522	194,133	184,033	192,081	171,608	201,865	232,428	232,428	244,972
TOTAL	3,710,829	4,105,523	3,878,859	4,905,505	4,555,723	4,889,843	5,798,183	2,858,370	4,346,885	5,214,298	5,214,298	5,243,616
OTHER OPERATING EXPENSES												
2921.01 GENERAL FUND ADMIN S	613,449	651,917	692,633	715,701	766,354	748,807	741,242	798,866	708,677	800,000	800,000	800,000
2995 PMNT IN LIEU OF TAXES	320,632	370,319	320,066	365,266	416,334	519,963	578,310	487,380	475,281	398,485	475,281	476,000
4542 UNCOLLECTABLE ACCTS	57,216	51,160	256,576	139,396	120,227	(242,359)	17,710	44,659	168,050	-	-	-
TOTAL	991,297	1,073,396	1,269,275	1,220,363	1,302,915	1,026,411	1,337,262	1,330,905	1,352,008	1,198,485	1,275,281	1,276,000
GRAND TOTAL	41,489,017	41,383,464	42,773,090	44,069,723	49,010,616	49,435,008	48,928,569	49,739,753	53,555,464	59,397,073	59,473,869	62,888,877

**SEWER UTILITY
ENTERPRISE FUND
BUDGET SUMMARY
FY 2019-21**

<u>SOURCES</u>	ACTUAL 2016-17	AMENDED BUDGET 2017-18	PROJECTED ACTUAL 2017-18	Rate Increase 15%	Rate Increase 15%	Rate Increase 10%
				PROPOSED BUDGET 2018-19	FORECAST BUDGET 2019-20	FORECAST BUDGET 2020-21
REVENUES						
METERED SALES	\$ 24,670,395	\$ 32,712,188	\$ 32,712,188	\$ 37,677,666	\$ 43,329,316	\$ 47,662,248
INTEREST INCOME	423,004	1,263,356	1,263,356	1,052,000	49,000	839,000
OTHER REVENUES	237,446	235,000	235,000	235,000	235,000	235,000
TOTAL REVENUES	\$ 25,330,845	\$ 34,210,544	\$ 34,210,544	\$ 38,964,666	\$ 43,613,316	\$ 48,736,248
OTHER SOURCES						
IMPACT FEES	2,065,696	700,000	700,000	700,000	700,000	724,500
GRANTS & OTHER RELATED REVENUES	3,522,331	2,020,000	2,020,000	2,020,000	2,020,000	720,000
OTHER SOURCES	26,156	20,000	20,000	20,000	20,000	20,000
STATE LOAN (NWQ)	-	-	8,500,000	-	-	-
SHORT-TERM FINANCING	-	-	-	4,000,000	-	-
BOND PROCEEDS	72,117,791	-	-	-	160,893,000	-
TOTAL OTHER SOURCES	\$ 77,731,974	\$ 2,740,000	\$ 11,240,000	\$ 6,740,000	\$ 163,633,000	\$ 1,464,500
TOTAL SOURCES	\$ 103,062,819	\$ 36,950,544	\$ 45,450,544	\$ 45,704,666	\$ 207,246,316	\$ 50,200,748
EXPENSES & OTHER USES						
EXPENDITURES						
PERSONNEL SERVICES	\$ 8,054,504	\$ 9,717,084	\$ 9,717,084	\$ 10,375,345	\$ 10,582,852	\$ 10,794,509
OPERATING & MAINTENANCE	1,359,830	1,892,620	1,892,620	1,934,720	1,973,014	2,012,471
TRAVEL & TRAINING	48,067	71,200	71,200	86,900	88,638	90,411
UTILITIES	904,210	984,909	984,909	980,070	999,671	1,019,663
TECHNICAL SERVICES	1,096,358	3,228,104	3,228,104	2,388,104	2,321,644	2,384,355
DATA PROCESSING	249,464	205,000	205,000	280,000	285,600	291,312
FLEET MAINTENANCE	467,758	518,000	518,000	543,000	553,860	564,937
ADMINISTRATIVE SERVICE FEE	345,643	325,000	325,000	275,000	280,500	286,110
PAYMENT IN LIEU OF TAXES	345,994	306,525	306,525	368,250	375,615	383,127
BILLING COST	813,896	813,896	813,896	813,896	813,896	813,896
RISK MANAGEMENT	258,635	482,195	482,195	308,500	314,670	320,963
TRANSFERS TO GENERAL FUND	17,540	20,000	20,000	20,000	20,400	20,808
OTHER CHARGES AND SERVICES	(21,268)	173,536	173,536	148,274	151,265	154,288
TOTAL EXPENDITURES	\$ 13,940,631	\$ 18,738,069	\$ 18,738,069	\$ 18,522,059	\$ 18,761,625	\$ 19,136,850
OTHER USES						
CAPITAL OUTLAY	1,333,593	1,613,300	291,300	5,946,500	1,918,000	918,000
CAPITAL IMPROVEMENT BUDGET	10,537,309	115,637,743	45,127,637	80,410,000	93,970,000	89,419,909
COST OF DEBT ISSUANCE	372,315	-	-	15,000	893,000	-
DEBT SERVICES	3,134,226	5,532,045	6,050,603	6,058,000	12,736,000	22,391,000
TOTAL OTHER USES	\$ 15,377,443	\$ 122,783,088	\$ 51,469,540	\$ 92,429,500	\$ 109,517,000	\$ 112,728,909
TOTAL USES	\$ 29,318,074	\$ 141,521,157	\$ 70,207,609	\$ 110,951,559	\$ 128,278,625	\$ 131,865,759
EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES	\$ 73,744,745	\$ (104,570,613)	\$ (24,757,065)	\$ (65,246,893)	\$ 78,967,691	\$ (81,665,011)
OPERATING CASH BALANCES						
BEGINNING JULY 1	\$ 21,171,500	\$ 94,916,245	\$ 94,916,245	\$ 70,159,180	\$ 4,912,287	\$ 83,879,978
ENDING JUNE 30	\$ 94,916,245	\$ (9,654,368)	\$ 70,159,180	\$ 4,912,287	\$ 83,879,978	\$ 2,214,967
Cash Reserve Ratio	681%	-52%	374%	27%	447%	12%
Cash reserve goal above 10%						

SEWER UTILITY
Cash Flow
FY19 Budget
and FY2020-2023 Forecast

	ACTUAL YEAR 2015-2016	ACTUAL YEAR 2016-2017	PROJECTED YEAR 2017-2018	BUDGET YEAR 2018-2019	BUDGET YEAR 2019-2020	BUDGET YEAR 2020-2021	BUDGET YEAR 2021-2022	BUDGET YEAR 2022-23
SEWER SALES	\$21,709,585	\$24,670,395	\$32,712,188	\$37,677,666	\$43,329,316	\$47,662,248	\$51,475,228	\$56,622,751
OTHER INCOME	243,421	263,602	255,000	255,000	255,000	255,000	255,000	255,000
INTEREST INCOME	172,185	423,004	1,263,356	1,052,000	49,000	839,000	22,000	1,090,000
OPERATING INCOME	22,125,191	25,357,001	34,230,544	38,984,666	43,633,316	48,756,248	51,752,228	57,967,751
NEW PLANT O&M COSTS				0	0		(250,000)	(252,500)
OPERATING EXPENSES	(13,738,294)	(14,312,946)	(18,738,069)	(18,522,059)	(18,761,625)	(19,136,850)	(19,269,587)	(19,657,465)
NET INCOME EXCLUDING DEP.	8,386,897	11,044,055	15,492,475	20,462,607	24,871,691	29,619,398	32,232,641	38,057,786
IMPACT FEES	1,229,395	2,065,696	700,000	700,000	700,000	724,500	749,858	776,103
STATE LOAN (NWQ)	0	0	8,500,000					
SHORT TERM FINANCING PROCEEDS				3,985,000				
NET BOND PROCEEDS	0	72,117,791			160,000,000		188,000,000	
ISSUE COSTS (PROCEEDS)	0			15,000	893,000	0	1,049,000	0
ISSUE COSTS (EXP)				(15,000)	(893,000)	0	(1,049,000)	0
OTHER CONTRIBUTIONS	217,888	3,522,331	2,020,000	2,020,000	2,020,000	720,000	520,000	520,000
CAPITAL OUTLAY	(601,325)	(1,333,593)	(291,300)	(5,946,500)	(1,918,000)	(918,000)	(930,000)	(930,000)
STATE LOAN DEBT REPAYMENT						(6,375,000)	(2,125,000)	
SHORT TERM FINANCING DEBT REPAYMENT					(4,200,000)			
ADDITIONAL DEBT SERVICE	0		0	0	(2,481,000)	(7,442,000)	(10,672,000)	(17,131,000)
DEBT SERVICE	(3,133,776)	(3,134,226)	(6,050,603)	(6,058,000)	(6,055,000)	(8,574,000)	(8,560,000)	(8,560,000)
OTHER INCOME & EXPENSE	(2,287,818)	73,237,999	4,878,097	(5,299,500)	148,066,000	(21,864,500)	166,982,858	(25,324,897)
NET FOR CAPITAL	6,099,079	84,282,054	20,370,572	15,163,107	172,937,691	7,754,898	199,215,499	12,732,889
CAPITAL IMPROVEMENTS	(10,316,412)	\$(10,537,309)	\$(45,127,637)	\$(80,410,000)	(93,970,000)	(89,419,909)	(92,511,000)	(119,080,000)
CASH INCREASE/(DECREASE)	(4,217,333)	73,744,745	(24,757,065)	(65,246,893)	78,967,691	(81,665,011)	106,704,499	(106,347,111)
BEGINING CASH BALANCE	25,388,833	21,171,500	94,916,245	70,159,180	4,912,287	83,879,978	2,214,967	108,919,466
CASH INCREASE/(DECREASE)	(4,217,333)	73,744,745	(24,757,065)	(65,246,893)	78,967,691	(81,665,011)	106,704,499	(106,347,111)
ENDING BALANCES	21,171,500	94,916,245	70,159,180	4,912,287	\$83,879,978	\$2,214,967	\$108,919,466	\$2,572,355
RATE CHANGE	8.00%	12%	30%	15%	15%	10%	8%	10%
Cash Reserve Ratio	154%	663%	374%	27%	447%	12%	558%	13%
Debt Service Coverage	2.68	3.52	2.56	3.38	1.95	1.32	1.51	1.48

SEWER REVENUE HISTORY

ACCT. NO.	ACCOUNT TITLE	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ESTIMATED	TEN YEAR	APPROVED	INCREASE
		FISCAL/YR 2008-2009	FISCAL/YR 2009-2010	FISCAL/YR 2010-2011	FISCAL/YR 2011-2012	FISCAL/YR 2012-2013	FISCAL/YR 2013-2014	FISCAL/YR 2014-2015	FISCAL/YR 2015-2016	FISCAL/YR 2016-17	FISCAL/YR 2017-2018	FISCAL/YR 2017-2018	AVERAGE 2008-2018	FISCAL/YR 2018-19
OPERATING REVENUES														
1651	SEWER CHARGES	17,056,970	16,808,524	17,152,826	17,357,121	18,193,106	19,433,260	20,838,307	21,709,585	24,670,395	32,712,188	20,593,228	37,677,666	13,007,271
1654	SEWER SURCHARGE	23,770	17,815	26,251	42,151	33,209	3,229	21,692	-	-	50,000	21,812	50,000	50,000
1655	SPECIAL AGREEMENTS-SEWER	1,793	23,053	331	11,159	331	195	331	331	191	15,000	5,271	15,000	14,809
1280	INSPCTN-SURVEY-PERMITS	187,324	64,175	70,063	62,007	82,984	33,451	103,967	109,051	125,119	70,000	90,814	70,000	(55,119)
147102	DUMPING FEES	5,970	4,260	5,010	4,380	5,730	4,484	6,090	7,920	4,860	5,000	5,370	5,000	140
1618	REPAIR & RELOCATION	15,622	39,085	136,800	32,296	16,851	4,977	3,847	45,957	3,792	10,000	30,923	10,000	6,208
1658	SPECIAL WYES	10,374	10,080	12,168	12,250	13,200	10,059	13,200	20,770	20,325	25,000	14,743	25,000	4,675
1661	PRE-TREATMENT CHARGES	58,989	74,801	68,544	73,339	67,080	43,360	56,150	63,926	53,972	50,000	61,016	50,000	(3,972)
1662	PRE-TREATMENT DISCHARGE FINES			1,022								1,022		-
1830	INTEREST INCOME	741,524	259,117	204,450	247,219	206,706	146,994	111,492	172,185	423,004	1,263,356	377,605	1,052,000	628,996
1890	SUNDRY REVENUES	757	988	1,590	110	4,532	1,219	2,331	3,754	21,568	10,000	4,685	10,000	(11,568)
1619	OTHER REVENUES		69,477	202,904	4,159		912			3,883		56,267		(3,883)
1974.07	TRANSFER FROM RISK MGMT									3,736		3,736		(3,736)
	TOTAL OPERATING	18,103,093	17,371,375	17,881,959	17,846,191	18,623,729	19,682,139	21,157,407	22,133,479	25,330,845	34,210,544	21,266,492	38,964,666	13,633,821
NON-OPERATING REVENUES														
233.04/1912	IMPACT FEES	691,014	541,332	586,939	795,594	1,224,995	699,100	963,077	1,229,065	2,065,696	700,000	949,681	700,000	(1,365,696)
1842	EQUIPMENT SALES	11,921			13,960	106,199		11,296	(8,288)	-	20,000	22,155	20,000	20,000
1910.10	AID TO CONST.-PRIVATE	921,082	3,210,654	2,260,937	6,028,561	4,033,334	1,061,202	2,955,705	218,218	3,522,331	2,020,000	2,623,202	2,020,000	(1,502,331)
1980	BOND PROCEEDS	-	1,760,000	16,393,589		23,647,925				72,117,791		22,783,861		(72,117,791)
1982	NOTE PROCEEDS												4,000,000	
	TOTAL NON-OPERATING	1,624,017	5,511,986	19,241,465	6,838,115	29,012,453	1,760,302	3,930,078	1,438,995	77,705,818	2,740,000	14,980,323	6,740,000	(74,965,818)
	TOTAL REVENUES	\$ 19,727,110	\$ 22,883,361	\$ 37,123,424	\$ 24,684,306	\$ 47,636,182	\$ 21,442,441	\$ 25,087,485	\$ 23,572,474	\$ 103,036,663	\$ 36,950,544	\$ 36,246,815	\$ 45,704,666	\$(61,331,997)

**SEWER OPERATING
HISTORICAL COST COMPARISON**

	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	BUDGETED	ESTIMATED	PROJECTED
APPROPRIATION	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR
COST CENTER	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2017-2018	2018-2019
<u>5220 LIFT STATIONS</u>												
10100 LIFT STATIONS	462,535	456,225	509,249	531,557	572,748	584,019	657,867	623,982	660,247	771,690	771,690	782,901
	462,535	456,225	509,249	531,557	572,748	584,019	657,867	623,982	660,247	771,690	771,690	782,901
<u>5230 COLLECTION SYSTEM</u>												
10400 SRVY & FIELD ENG.	200,845	289,831	198,752	216,744	244,665	284,064	259,810	403,171	260,761	1,675,056	1,675,056	1,335,399
10600 COLL. LINES	545,955	434,071	627,949	963,163	762,617	661,181	781,504	875,781	892,890	1,151,927	1,151,927	1,143,750
10800 MBLE CMRA INSPEC.	108,463	294,428	289,708	263,374	546,660	515,523	740,832	829,345	753,674	868,217	868,217	852,406
11000 FLEET MAINT.	87,384	-144,775	67,017	149,434	193,109	206,877	295,161	285,362	189,125	324,300	324,300	349,300
11400 GIS	386,583	398,652	409,955	434,217	434,260	401,679	451,900	513,089	525,947	558,534	558,534	542,968
	1,329,230	1,272,207	1,593,381	2,026,932	2,181,311	2,069,324	2,529,207	2,906,748	2,622,397	4,578,034	4,578,034	4,223,823
<u>5260 RECLAMATION PLANT</u>												
11100 LAB PROGRAM	375,737	353,430	377,962	406,487	410,780	415,172	460,713	518,613	554,145	488,203	488,203	544,366
11200 MAINTENANCE	1,630,659	1,692,636	2,064,234	1,565,750	1,736,788	1,765,589	2,023,548	2,093,275	2,299,214	3,166,936	3,166,936	3,122,087
11300 ADMINISTRATION	464,501	480,429	492,560	509,459	517,646	531,825	892,883	762,697	748,917	882,754	882,754	901,092
12200 OPERATIONS	2,522,684	2,763,873	2,986,947	2,801,944	2,818,018	2,773,112	2,855,943	2,933,938	2,971,933	4,206,870	4,206,870	4,049,548
12300 REC.FLEET MGMT.	114,108	84,707	95,336	139,876	130,279	112,949	117,165	101,094	198,919	201,000	201,000	201,000
12400 PRE TREATMENT	290,183	315,452	358,116	554,062	528,290	561,017	536,717	558,539	604,588	705,722	705,722	822,396
	5,397,872	5,690,527	6,375,155	5,977,578	6,141,801	6,159,664	6,886,969	6,968,156	7,377,715	9,651,485	9,651,485	9,640,489
<u>5280 ACCOUNTING</u>												
11500 ACCOUNTING	928,754	976,937	966,949	977,498	985,439	971,993	1,035,871	1,115,514	1,156,989	1,175,716	1,175,716	1,292,844
	928,754	976,937	966,949	977,498	985,439	971,993	1,035,871	1,115,514	1,156,989	1,175,716	1,175,716	1,292,844
<u>5290 SEWER ADMINISTRATION</u>												
11700 GEN. OPERATIONS	1,090,636	1,324,787	1,716,001	1,019,198	1,717,337	933,185	1,697,814	1,319,799	1,607,888	1,849,779	1,849,779	1,845,440
	1,090,636	1,324,787	1,716,001	1,019,198	1,717,337	933,185	1,697,814	1,319,799	1,607,888	1,849,779	1,849,779	1,845,440
<u>5290 PUBLIC UTILITIES ADM.</u>												
11900 ADMINISTRATION	100,934	72,376	72,926	75,705	74,186	84,669	91,505	73,741	80,846	79,840	79,840	93,312
	100,934	72,376	72,926	75,705	74,186	84,669	91,505	73,741	80,846	79,840	79,840	93,312
<u>OTHER OPERATING EXPENSE</u>												
GEN.FUND ADMINISTRATIVE SERVICE FEE	139,871	160,832	234,486	253,014	341,995	354,396	309,180	312,860	345,643	325,000	325,000	275,000
PYMNT IN LIEU OF TAXES	368,706	267,989	311,805	330,380	277,695	318,549	302,619	417,493	345,994	306,525	306,525	368,250
BAD DEBT EXPENSE	31,658	5,960	131,214	(57,665)	9,926	29,841	24,341	-	63,207	-	-	-
GRAND TOTAL	9,850,196	10,227,840	11,911,166	11,134,197	12,302,438	11,505,640	13,535,373	13,738,294	14,260,924	18,738,069	18,738,069	18,522,059

**STORMWATER UTILITY
ENTERPRISE FUND
BUDGET SUMMARY
FY 2019-2021**

<u>SOURCES</u>	ACTUAL 2016-17	AMENDED BUDGET 2017-18	PROJECTED ACTUAL 2017-18	Rate increase 10%	Rate increase 6%	Rate increase 4%
				PROPOSED BUDGET 2018-19	FORECAST BUDGET 2019-20	FORECAST BUDGET 2020-21
REVENUES						
METERED SALES	\$ 8,421,072	\$ 8,050,000	\$ 8,050,000	\$ 8,855,000	\$ 9,386,300	\$ 9,761,752
INTEREST INCOME	79,151	65,820	65,820	33,000	8,000	13,000
OTHER REVENUES	23,800	1,000	1,000	1,000	1,000	1,000
TOTAL REVENUES	\$ 8,524,023	\$ 8,116,820	\$ 8,116,820	\$ 8,889,000	\$ 9,395,300	\$ 9,775,752
OTHER SOURCES						
GRANTS & OTHER RELATED REVENUES	511,240	516,000	516,000	650,000	516,000	516,000
COUNTY FLOOD CONTROL	-	-	-	-	-	-
IMPACT FEES	382,785	200,000	200,000	200,000	200,000	200,000
SHORT-TERM FINANCING	-	-	-	1,355,000	-	-
BOND PROCEEDS	-	-	-	-	5,330,000	-
TOTAL OTHER SOURCES	\$ 894,025	\$ 716,000	\$ 716,000	\$ 2,205,000	\$ 6,046,000	\$ 716,000
TOTAL SOURCES	\$ 9,418,048	\$ 8,832,820	\$ 8,832,820	\$ 11,094,000	\$ 15,441,300	\$ 10,491,752
EXPENSES & OTHER USES						
EXPENDITURES						
PERSONNEL SERVICES	\$ 2,325,324	\$ 2,540,766	\$ 2,540,766	2,872,608	\$ 2,930,061	\$ 2,988,662
OPERATING & MAINTENANCE	112,974	179,350	179,350	186,450	189,979	193,774
TRAVEL & TRAINING	6,074	13,000	13,000	12,750	13,005	13,264
UTILITIES	180,298	205,021	205,021	244,045	248,925	253,902
TECHNICAL SERVICES	600,761	1,580,720	1,580,720	1,395,133	1,184,636	1,194,329
PUBLIC SERVICES / STREET SWEEPING	819,605	819,605	819,605	819,605	835,997	852,717
DATA PROCESSING	249,442	235,000	235,000	239,700	244,494	249,384
FLEET MAINTENANCE	182,974	214,000	214,000	214,000	218,280	222,645
ADMINISTRATIVE SERVICE FEE	126,088	130,000	130,000	130,000	132,600	135,252
PAYMENT IN LIEU OF TAXES	160,102	109,785	109,785	125,942	128,461	131,030
BILLING COST	423,849	404,980	404,980	554,117	565,199	576,503
RISK MANAGEMENT	2,546	86,983	86,983	86,983	88,723	90,496
TRANSFERS TO GENERAL FUND	2,769	4,000	4,000	4,000	4,080	4,162
OTHER CHARGES AND SERVICES	71,882	25,250	25,250	27,899	28,066	28,623
TOTAL EXPENDITURES	\$ 5,264,688	\$ 6,548,460	\$ 6,548,460	\$ 6,913,232	\$ 6,812,506	\$ 6,934,743
OTHER USES						
CAPITAL OUTLAY	163,129	310,390	210,390	515,568	316,000	460,000
CAPITAL IMPROVEMENT BUDGET	3,714,981	6,132,667	3,101,548	5,133,500	5,301,000	2,847,000
COST OF DEBT ISSUANCE	-	-	-	10,000	30,000	-
DEBT SERVICES	1,017,890	1,010,724	1,010,180	1,014,000	2,518,000	1,258,000
TOTAL OTHER USES	\$ 4,896,000	\$ 7,453,781	\$ 4,322,118	\$ 6,673,068	\$ 8,165,000	\$ 4,565,000
TOTAL USES	\$ 10,160,688	\$ 14,002,241	\$ 10,870,578	\$ 13,586,300	\$ 14,977,506	\$ 11,499,743
EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES						
	\$ (742,640)	\$ (5,169,421)	\$ (2,037,758)	\$ (2,492,300)	\$ 463,794	\$ (1,007,991)
OPERATING CASH BALANCES						
BEGINNING JULY 1	\$ 6,058,717	\$ 5,316,077	\$ 5,316,077	\$ 3,278,319	\$ 786,019	\$ 1,249,813
ENDING JUNE 30	\$ 5,316,077	\$ 146,656	\$ 3,278,319	\$ 786,019	\$ 1,249,813	\$ 241,822
Cash Reserve Ratio	101%	2%	50%	11%	18%	3%
Cash reserve goal above 10%						

**STORMWATER UTILITY
CASH FLOW
FY 2019 BUDGET
AND FY 2020-2023 FORECAST**

	ACTUAL YEAR 2015-2016	ACTUAL YEAR 2016-2017	PROJECTED YEAR 2017-2018	BUDGET YEAR 2018-2019	BUDGET YEAR 2019-2020	BUDGET YEAR 2020-2021	BUDGET YEAR 2021-2022	BUDGET YEAR 2022-2023
STORMWATER CHARGES	8,216,974	8,421,072	8,050,000	8,855,000	9,386,300	9,761,752	10,152,222	10,152,222
OTHER INCOME	24,304	23,800	1,000	1,000	1,000	1,000	1,000	1,000
INTEREST INCOME	45,010	79,151	65,820	33,000	8,000	13,000	3,000	9,000
OPERATING INCOME	8,286,288	8,524,023	8,116,820	8,889,000	9,395,300	9,775,752	10,156,222	10,162,222
OPERATING EXPENDITURES	(5,087,502)	(5,264,688)	(6,548,460)	(6,913,232)	(6,812,506)	(6,934,743)	(7,059,445)	(6,636,629)
NET INCOME EXCLUDING DEP.	3,198,786	3,259,335	1,568,360	1,975,768	2,582,794	2,841,009	3,096,777	3,525,593
IMPACT FEES	133,624	382,785	200,000	200,000	200,000	200,000	200,000	200,000
SHORT-TERM FINANCING				1,345,000				
NET BOND PROCEEDS	0	0			5,300,000			
COST OF ISSUANCE (PROCEEDS)				10,000	30,000	0	0	0
COST OF ISSUANCE (EXP.)				(10,000)	(30,000)	0	0	0
OTHER CONTRIBUTIONS	423,185	511,240	516,000	650,000	516,000	516,000	516,000	516,000
CAPITAL OUTLAY	(38,978)	(163,129)	(210,390)	(515,568)	(316,000)	(460,000)	(395,000)	(260,000)
SHORT-TERM DEBT					(1,423,000)			
DEBT SERVICE (NEW)	0		0	0	(83,000)	(247,000)	(247,000)	(247,000)
DEBT SERVICE	(1,011,772)	(1,017,890)	(1,010,180)	(1,014,000)	(1,012,000)	(1,011,000)	(1,014,000)	(163,000)
OTHER INCOME & EXPENSE	(493,941)	(286,994)	(504,570)	665,432	3,182,000	(1,002,000)	(940,000)	46,000
FOR CAPITAL	2,704,845	2,972,341	1,063,790	2,641,200	5,764,794	1,839,009	2,156,777	3,571,593
CAPITAL IMPROVEMENTS	(3,452,581)	(3,714,981)	(3,101,548)	(5,133,500)	(5,301,000)	(2,847,000)	(1,521,000)	(1,273,000)
BEGINING CASH BALANCE	6,806,453	6,058,717	5,316,077	3,278,319	786,019	1,249,813	241,822	877,599
CASH INCREASE/(DECREASE)	(747,736)	(742,640)	(2,037,758)	(2,492,300)	463,794	(1,007,991)	635,777	2,298,593
ENDING BALANCES	6,058,717	5,316,077	3,278,319	786,019	1,249,813	241,822	877,599	3,176,192
DEBT SERVICE COVERAGE	3.16	3.20	1.55	1.95	1.03	2.26	2.46	8.60
RATE CHANGE	0%	0%	0%	10%	6%	4%	4%	0%
Cash Reserve Ratio	119%	101%	50%	11%	18%	3%	12%	48%
Minimum Reserve	508,750	526,469	654,846	691,323	681,251	693,474	705,945	663,663
Ending Reserve Available for Capital	5,549,967	4,789,608	2,623,473	94,696	568,562	(451,652)	171,654	2,512,529

STORMWATER REVENUE HISTORY

		ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ESTIMATED	TEN YEAR	APPROVED	INCREASE
ACCOUNT		FISCAL/YR	FISCAL/YR	FISCAL/YR	FISCAL/YR	FISCAL/YR	FISCAL/YR	FISCAL/YR	FISCAL/YR	FISCAL/YR	FISCAL/YR	AVERAGE	FISCAL/YR	OR
NO	ACCOUNT TITLE	2008/2009	2009/2010	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2008-2017	2018/2019	DECREASE
	<u>OPERATING REVENUES</u>													
1618	REPAIR & RELOCATION	2,295	680	5,110	3,843	1,628	4,964	2,380	1,870	2,900	-	2,567	-	-
1619	OTHER REVENUES	2,142	1,671	21,210	85,541	-	10,944	130,493	6,375	15,364	1,000	27,474	1,000	-
1801	GROUND RENTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
1830	INTEREST INCOME	245,567	55,842	51,367	55,067	40,536	35,462	36,068	45,010	79,254	65,820	70,999	33,000	(32,820)
1890	SUNDRY REVENUES	1,678	1,678	1,901	746	20	9,713	4,143	16,060	5,433	-	4,137	-	-
1640	STORM DRAIN FEE	5,377,785	6,220,499	7,706,410	8,125,669	8,136,982	8,126,436	8,265,477	8,216,974	8,421,072	8,050,000	7,664,730	8,855,000	805,000
	TOTAL OPERATING	\$5,812,159	\$6,280,370	\$7,785,998	\$8,270,866	\$8,179,166	\$8,187,519	\$8,438,561	\$8,286,289	\$8,524,023	\$8,116,820	\$7,769,908	\$8,889,000	\$ 772,180
	<u>NON-OPERATING REVENUES</u>													
1842	EQUIPMENT SALES	31,338	15,088	-	-	-	-	-	4,472	-	-	5,090	-	-
1910	AID TO CONST-PRIVATE CONT	124,123	1,707,511	1,579,714	-	23,115	189,461	634,171	418,713	511,240	516,000	570,405	650,000	134,000
233.04/1911	IMPACT FEES	629,675	384,762	235,794	220,818	142,898	240,945	312,841	133,624	382,785	200,000	288,414	200,000	-
1320	COUNTY FLOOD CONTROL	200,000	-	-	-	-	-	-	-	-	-	20,000	-	-
1980	BOND PROCEEDS	-	-	-	8,000,000	4,739,274	-	-	-	-	-	1,273,927	-	-
1982	NOTE PROCEEDS												1,355,000	
	TOTAL NON-OPERATING	\$ 3,471,576	\$ 2,107,361	\$ 1,815,508	\$ 8,220,818	\$ 4,905,287	\$ 430,406	\$ 947,012	\$ 556,809	\$ 894,025	\$ 716,000	\$ 2,157,836	\$ 2,205,000	\$ 134,000
	TOTAL REVENUES	\$ 9,283,735	\$ 8,387,731	\$ 9,601,506	\$ 16,491,684	\$ 13,084,453	\$ 8,617,925	\$ 9,385,573	\$ 8,843,098	\$ 9,418,048	\$ 8,832,820	\$9,927,744	\$ 11,094,000	\$ 906,180

**STORMWATER OPERATING
HISTORICAL COST COMPARISON**

	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	BUDGETED	ESTIMATED	APPROVED
APPROPRIATION	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR	FISCAL YR
COST CENTER	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2017-2018	2018-2019
<u>5301 STORM DRAIN</u>												
10200 STORM DRAINAGE	1,234,761	1,279,841	1,413,707	1,022,531	1,497,147	2,114,691	2,012,199	2,155,254	2,223,994	2,266,145	2,266,145	2,441,494
10300 STORM DRAIN ENGINEERING	276,483	284,813	271,278	240,320	406,650	324,496	410,321	583,857	473,367	1,512,334	1,512,334	1,535,568
10500 STORM WATER ADMINISTRATION	1,548,289	1,573,066	1,603,581	1,603,751	1,732,633	1,054,113	1,250,691	1,028,726	1,253,606	1,389,111	1,389,111	1,424,371
10700 STORM WATER QUALITY	162,305	165,596	204,928	287,418	321,887	331,765	439,701	664,236	624,958	770,103	770,103	889,607
10900 STORM WATER GIS	252,663	267,952	272,746	281,341	302,199	253,088	284,295	336,849	341,737	370,982	370,982	366,250
	3,474,501	3,571,268	3,766,240	3,435,361	4,260,516	4,078,153	4,397,207	4,768,922	4,917,662	6,308,675	6,308,675	6,657,290
<u>OTHER OPERATING EXPENSE</u>												
GEN.FUND ADMINISTRATIVE SERVICE F	64,900	64,716	88,628	194,598	141,153	116,809	123,885	127,467	186,924	130,000	130,000	130,000
PYMNT IN LIEU OF TAXES	114,425	90,122	72,656	103,750	183,342	215,946	188,117	191,114	160,102	109,785	109,785	125,942
GRAND TOTAL	\$ 3,653,826	\$ 3,726,106	\$ 3,927,524	\$ 3,733,709	\$ 4,585,011	\$ 4,410,908	\$ 4,709,209	\$ 5,087,503	\$ 5,264,688	\$ 6,548,460	\$ 6,548,460	\$ 6,913,232

**BASE LIGHTING FUND
STREET LIGHTING ENTERPRISE FUNDS
BUDGET SUMMARY
FY 2019-2021**

SOURCES	ACTUAL 2016-17	AMENDED BUDGET 2017-18	PROJECTED ACTUAL 2017-18	PROPOSED BUDGET 2018-19	FORECAST BUDGET 2019-20	FORECAST BUDGET 2020-21
REVENUES						
STREET LIGHTING FEES	\$ 3,247,143	\$ 3,200,000	\$ 3,200,000	\$ 3,200,000	\$ 3,200,000	\$ 3,200,000
INTEREST INCOME	29,806	30,000	30,000	24,000	16,000	10,000
OTHER REVENUES	7,131	2,000	2,000	2,000	2,000	2,000
TOTAL REVENUES	\$ 3,284,080	\$ 3,232,000	\$ 3,232,000	\$ 3,226,000	\$ 3,218,000	\$ 3,212,000
OTHER SOURCES						
GRANTS & OTHER RELATED REVENUES	7,086	-	-	-	-	-
TRANSFERS FROM GENERAL FUND	-	20,000	20,000	20,000	20,000	20,000
IMPACT FEES	-	-	-	-	-	-
BOND PROCEEDS	-	-	-	-	-	-
TOTAL OTHER SOURCES	7,086	20,000	20,000	20,000	20,000	20,000
TOTAL SOURCES	\$ 3,291,166	\$ 3,252,000	\$ 3,252,000	\$ 3,246,000	\$ 3,238,000	\$ 3,232,000
EXPENSES & OTHER USES						
EXPENDITURES						
PERSONNEL SERVICES	\$ 108,190	\$ 259,424	\$ 259,424	\$ 198,307	\$ 202,273	\$ 206,319
OPERATING & MAINTENANCE	1,725	5,800	5,800	5,800	5,916	6,035
TRAVEL & TRAINING	2,860	2,700	2,700	3,000	3,060	3,121
UTILITIES	719,288	700,000	700,000	700,000	714,000	728,280
TECHNICAL SERVICES	1,124,075	1,040,204	1,040,204	1,320,204	1,254,808	1,279,904
DATA PROCESSING	-	-	-	-	-	-
FLEET MAINTENANCE	-	-	-	-	-	-
ADMINISTRATIVE SERVICE FEE	20,753	20,000	20,000	20,000	20,400	20,808
PAYMENT IN LIEU OF TAXES	-	-	-	-	-	-
RISK MANAGEMENT	7,551	-	-	-	-	-
TRANSFERS TO GENERAL FUND	-	-	-	-	-	-
OTHER CHARGES AND SERVICES	13,546	1,906	1,906	2,406	2,405	2,454
TOTAL EXPENDITURES	1,997,988	2,030,034	2,030,034	2,249,717	2,202,862	2,246,921
OTHER USES						
CAPITAL OUTLAY	-	-	-	-	-	-
CAPITAL IMPROVEMENT BUDGET	1,189,499	1,070,000	1,100,953	1,350,000	1,350,000	1,050,000
DEBT SERVICES	-	-	-	-	-	-
TOTAL OTHER USES	\$ 1,189,499	\$ 1,070,000	\$ 1,100,953	\$ 1,350,000	\$ 1,350,000	\$ 1,050,000
TOTAL USES	\$ 3,187,487	\$ 3,100,034	\$ 3,130,987	\$ 3,599,717	\$ 3,552,862	\$ 3,296,921
EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES	\$ 103,679	\$ 151,966	\$ 121,013	\$ (353,717)	\$ (314,862)	\$ (64,921)
OPERATING CASH BALANCES						
BEGINNING JULY 1	\$ 2,240,946	\$ 2,344,625	\$ 2,344,625	\$ 2,465,638	\$ 2,111,921	\$ 1,797,059
ENDING JUNE 30	\$ 2,344,625	\$ 2,496,591	\$ 2,465,638	\$ 2,111,921	\$ 1,797,059	\$ 1,732,138
Cash Reserve Ratio	117%	123%	121%	93.9%	81.6%	77.1%
Cash reserve goal above 10%						

**BASE LIGHTING FUND
PRELIMINARY CASH FLOW**

	Actual YEAR 2016-2017	Projected YEAR 2017-2018	BUDGET YEAR 2018-2019	BUDGET YEAR 2019-2020	BUDGET YEAR 2020-2021	BUDGET YEAR 2021-2022	BUDGET YEAR 2022-2023
STREET LIGHTING SALES	3,247,143	3,200,000	3,200,000	3,200,000	3,200,000	3,200,000	3,200,000
OTHER INCOME	7,131	2,000	2,000	2,000	2,000	2,000	2,000
INTEREST INCOME	29,806	30,000	24,000	16,000	10,000	8,000	4,000
OPERATING INCOME	3,284,080	3,232,000	3,226,000	3,218,000	3,212,000	3,210,000	3,206,000
OPERATING EXPENSES	(1,997,988)	(2,030,034)	(2,249,717)	(2,202,862)	(2,246,921)	(2,291,858)	(2,337,697)
NET INCOME EXCLUDING DEP.	1,286,092	1,201,966	976,283	1,015,138	965,079	918,142	868,303
BOND PROCEEDS		-	-	-	-	-	-
GENERAL FUND CONTRIBUTION		20,000	20,000	20,000	20,000	20,000	20,000
ELECTRICITY REBATES	7,086	-	-	-	-	-	-
CAPITAL OUTLAY		-	-	-	-	-	-
DEBT SERVICE		-	-	-	-	-	-
OTHER INCOME & EXPENSE	7,086	20,000	20,000	20,000	20,000	20,000	20,000
GENERATED FOR CAPITAL	1,293,178	1,221,966	996,283	1,035,138	985,079	938,142	888,303
CAPITAL IMPROVEMENTS	(1,189,499)	(1,100,953)	(1,350,000)	(1,350,000)	(1,050,000)	(1,050,000)	(1,050,000)
BEGINING CASH BALANCE	2,240,946	2,344,625	2,465,638	2,111,921	1,797,059	1,732,138	1,620,280
CASH INCREASE/(DECREASE)	103,679	121,013	(353,717)	(314,862)	(64,921)	(111,858)	(161,697)
ENDING BALANCE	2,344,625	2,465,638	2,111,921	1,797,059	1,732,138	1,620,280	1,458,583
RATE CHANGE	0%	0%	0%	0%	0%	0%	0%
Annual Bill	45	45	45	45	45	45	45
Cash Reserve Ratio	117.3%	121.5%	93.9%	81.6%	77.1%	70.7%	62.4%

BASE LIGHTING REVENUE HISTORY

ACCOUNT NO	ACCOUNT TITLE	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ESTIMATED	HISTORICAL	APPROVED	INCREASE
		FISCAL/YR 2008/2009	FISCAL/YR 2009/2010	FISCAL/YR 2010/2011	FISCAL/YR 2011/2012	FISCAL/YR 2012/2013	FISCAL/YR 2013/2014	FISCAL/YR 2014/2015	FISCAL/YR 2015/2016	FISCAL/YR 2016/2017	FISCAL/YR 2017/2018	FISCAL/YR 2013-2016	AVERAGE 2013-2016	FISCAL/YR 2018/2019
	<u>OPERATING REVENUES</u>													
1645	STEET LIGHT FEES	-	-	-	-	1,591,316	3,208,495	3,239,306	3,234,893	3,287,415	3,200,000	2,960,238	3,200,000	-
1618	REPAIR & RELOCATION	-	-	-	-	11,221	(753)	36,644	29,797	7,131	2,000	14,340	2,000	-
1830	INTEREST INCOME	-	-	-	-	85	2,065	5,107	14,753	30,296	30,000	13,718	24,000	(6,000)
	TOTAL OPERATING	\$ -	\$ -	\$ -	\$ -	\$ 1,602,622	\$ 3,209,807	\$ 3,281,057	\$ 3,279,443	\$ 3,324,842	\$ 3,232,000	\$ 2,988,295	\$ 3,226,000	\$ (6,000)
	<u>NON-OPERATING REVENUES</u>													
1910	AID TO CONST-PRIVATE CONTB	-	-	-	-	2,473,099	232,947	45,412	54,858	-	-	467,719	-	-
1974.01	TRANSFER FROM GENERAL FUND	-	-	-	-							-	20,000	20,000
	TOTAL NON-OPERATING	\$ -	\$ -	\$ -	\$ -	\$ 2,473,099	\$ 232,947	\$ 45,412	\$ 54,858	\$ -	\$ -	\$ 467,719	\$ 20,000	\$ 20,000
	TOTAL REVENUES	\$ -	\$ -	\$ -	\$ -	\$ 4,075,721	\$ 3,442,754	\$ 3,326,469	\$ 3,334,301	\$ 3,324,842	\$ 3,232,000	\$ 3,456,015	\$ 3,246,000	\$ 14,000

**TIER 1 LIGHTING FUND
STREET LIGHTING ENTERPRISE FUNDS
BUDGET SUMMARY
FY 2019-2021**

SOURCES					Rate increase 0%	Rate increase 0%
	ACTUAL 2016-17	AMENDED BUDGET 2017-18	PROJECTED ACTUAL 2017-18	PROPOSED BUDGET 2018-19	FORECAST BUDGET 2019-20	FORECAST BUDGET 2020-21
REVENUES						
STREET LIGHTING FEES	\$ 176,032	\$ 169,964	\$ 169,964	\$ 170,000	\$ 170,000	\$ 170,000
INTEREST INCOME	490	-	-	2,000	4,000	5,000
OTHER REVENUES	-	-	-	-	-	-
TOTAL REVENUES	\$ 176,522	\$ 169,964	\$ 169,964	\$ 172,000	\$ 174,000	\$ 175,000
OTHER SOURCES						
GRANTS & OTHER RELATED REVENUES	-	-	-	-	-	-
SPECIAL ASSESSMENTS	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-
BOND PROCEEDS	-	-	-	-	-	-
TOTAL OTHER SOURCES	-	-	-	-	-	-
TOTAL SOURCES	\$ 176,522	\$ 169,964	\$ 169,964	\$ 172,000	\$ 174,000	\$ 175,000
EXPENSES & OTHER USES						
EXPENDITURES						
PERSONNEL SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE	1,199	1,500	1,500	1,500	1,530	1,561
TRAVEL & TRAINING	-	-	-	-	-	-
UTILITIES	21,883	24,430	24,430	24,430	24,917	25,416
TECHNICAL SERVICES	26,977	42,064	42,064	42,100	42,943	43,802
DATA PROCESSING	-	-	-	-	-	-
FLEET MAINTENANCE	-	-	-	-	-	-
ADMINISTRATIVE SERVICE FEE	-	-	-	-	-	-
PAYMENT IN LIEU OF TAXES	-	-	-	-	-	-
RISK MANAGEMENT	-	-	-	-	-	-
TRANSFERS TO GENERAL FUND	-	-	-	-	-	-
OTHER CHARGES AND SERVICES	-	-	-	-	-	-
TOTAL EXPENDITURES	50,059	67,994	67,994	68,030	69,390	70,779
OTHER USES						
CAPITAL OUTLAY	-	-	-	-	-	-
CAPITAL IMPROVEMENT BUDGET	6,865	75,000	75,000	5,000	5,000	195,000
DEBT SERVICES	-	-	-	-	-	-
TOTAL OTHER USES	\$ 6,865	\$ 75,000	\$ 75,000	\$ 5,000	\$ 5,000	\$ 195,000
TOTAL USES	\$ 56,924	\$ 142,994	\$ 142,994	\$ 73,030	\$ 74,390	\$ 265,779
EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES	\$ 119,598	\$ 26,970	\$ 26,970	\$ 98,970	\$ 99,610	\$ (90,779)
OPERATING CASH BALANCES						
BEGINNING JULY 1	\$ -	\$ 119,598	\$ 119,598	\$ 146,568	\$ 245,538	\$ 345,148
ENDING JUNE 30	\$ 119,598	\$ 146,568	\$ 146,568	\$ 245,538	\$ 345,148	\$ 254,369
Cash Reserve Ratio	239%	216%	216%	361%	497%	359%
Cash reserve goal above 10%						

**TIER 1 LIGHTING FUND
CASH FLOW**

	Actual YEAR 2016-2017	Projected YEAR 2017-2018	BUDGET YEAR 2018-2019	BUDGET YEAR 2019-2020	BUDGET YEAR 2020-2021	BUDGET YEAR 2021-2022	BUDGET YEAR 2022-2023
STREET LIGHTING SALES	176,032	169,964	170,000	170,000	170,000	170,000	170,000
OTHER INCOME	0	0	0	0	0	0	0
INTEREST INCOME	490	0	2,000	4,000	5,000	4,000	5,000
OPERATING INCOME	176,522	169,964	172,000	174,000	175,000	174,000	175,000
OPERATING EXPENSES	(50,059)	(67,994)	(68,030)	(69,390)	(70,779)	(72,194)	(73,639)
NET INCOME EXCLUDING DEP.	126,463	101,970	103,970	104,610	104,221	101,806	101,361
BOND PROCEEDS	0	0	0	0		0	0
CAPITAL OUTLAY	0	0	0	0	0	0	0
DEBT SERVICE	0	0	0	0	0	0	0
OTHER INCOME & EXPENSE	0	0	0	0	0	0	0
AVAILABLE FOR CAPITAL	126,463	101,970	103,970	104,610	104,221	101,806	101,361
CAPITAL IMPROVEMENTS	(6,865)	(75,000)	(5,000)	(5,000)	(195,000)	(5,000)	(5,000)
BEGINING CASH BALANCE	0	119,598	146,568	245,538	345,148	254,369	351,175
CASH INCREASE/(DECREASE)	119,598	26,970	98,970	99,610	(90,779)	96,806	96,361
ENDING BALANCES	119,598	146,568	245,538	345,148	254,369	351,175	447,536
RATE CHANGE	0%	0%	0%	0%	0%	0%	0%
Annual Bill	68.04	68.04	68.04	68.04	68.04	68.04	68.04
Cash Reserve Ratio	239%	216%	361%	497%	359%	486%	608%

TIER 1 LIGHTING FUND REVENUE HISTORY

ACCOUNT NO	ACCOUNT TITLE	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ESTIMATED	HISTORICAL	APPROVED	INCREASE
		FISCAL/YR 2008/2009	FISCAL/YR 2009/2010	FISCAL/YR 2010/2011	FISCAL/YR 2011/2012	FISCAL/YR 2012/2013	FISCAL/YR 2013/2014	FISCAL/YR 2014/2015	FISCAL/YR 2015/2016	FISCAL/YR 2016/2017	FISCAL/YR 2017/2018	FISCAL/YR 2017/2018	AVERAGE 2013-2017	FISCAL/YR 2018/2019
	<u>OPERATING REVENUES</u>													
1645	STEET LIGHT FEES	-	-	-	-	-	-	-	-	176,032	169,964	176,032	170,000	36
1618	REPAIR & RELOCATION	-	-	-	-	-	-	-	-	-	-	-	-	-
1830	INTEREST INCOME	-	-	-	-	-	-	-	-	490	-	490	2,000	2,000
	TOTAL OPERATING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 176,522	\$ 169,964	\$ 176,522	\$ 172,000	\$ 2,036
	<u>NON-OPERATING REVENUES</u>													
1842	EQUIPMENT SALES	-	-	-	-	-	-	-	-	-	-	-	-	-
1910	AID TO CONST-PRIVATE CONT	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	BOND PROCEEDS	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL NON-OPERATING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL REVENUES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 176,522	\$ 169,964	\$ 176,522	\$ 172,000	\$ 2,036

**TIER 2 LIGHTING FUND
STREET LIGHTING ENTERPRISE FUNDS
BUDGET SUMMARY
FY 2019-2021**

SOURCES					Rate increase 0%	Rate increase 0%
	ACTUAL 2016-17	AMENDED BUDGET 2017-18	PROJECTED ACTUAL 2017-18	PROPOSED BUDGET 2018-19	FORECAST BUDGET 2019-20	FORECAST BUDGET 2020-21
REVENUES						
STREET LIGHTING FEES	\$ 167,840	\$ 177,291	\$ 177,291	\$ 175,000	\$ 175,000	\$ 175,000
INTEREST INCOME	12,833	-	-	9,000	3,000	4,000
OTHER REVENUES	4,637	-	-	2,000	2,000	2,000
TOTAL REVENUES	\$ 185,310	\$ 177,291	\$ 177,291	\$ 186,000	\$ 180,000	\$ 181,000
OTHER SOURCES						
GRANTS & OTHER RELATED REVENUES	-	-	-	-	-	-
SPECIAL ASSESSMENTS	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-
BOND PROCEEDS	972,000	-	-	-	-	-
TOTAL OTHER SOURCES	972,000	-	-	-	-	-
TOTAL SOURCES	\$ 1,157,310	\$ 177,291	\$ 177,291	\$ 186,000	\$ 180,000	\$ 181,000
EXPENSES & OTHER USES						
EXPENDITURES						
PERSONNEL SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE	567	-	-	-	-	-
TRAVEL & TRAINING	-	-	-	-	-	-
UTILITIES	24,661	26,463	26,463	26,470	20,414	15,749
TECHNICAL SERVICES	27,311	69,895	69,895	69,900	57,182	45,827
DATA PROCESSING	-	-	-	-	-	-
FLEET MAINTENANCE	-	-	-	-	-	-
ADMINISTRATIVE SERVICE FEE	-	-	-	-	-	-
PAYMENT IN LIEU OF TAXES	-	-	-	-	-	-
RISK MANAGEMENT	-	-	-	-	-	-
TRANSFERS TO GENERAL FUND	-	-	-	-	-	-
OTHER CHARGES AND SERVICES	5,010	-	-	-	-	-
TOTAL EXPENDITURES	57,549	96,358	96,358	96,370	77,596	61,576
OTHER USES						
CAPITAL OUTLAY	-	-	-	-	-	-
CAPITAL IMPROVEMENT BUDGET	30,795	470,000	470,000	470,000	5,000	5,000
DEBT SERVICES	8,666	32,518	39,717	40,000	40,000	75,000
TOTAL OTHER USES	\$ 39,461	\$ 502,518	\$ 509,717	\$ 510,000	\$ 45,000	\$ 80,000
TOTAL USES	\$ 97,010	\$ 598,876	\$ 606,075	\$ 606,370	\$ 122,596	\$ 141,576
EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES	\$ 1,060,300	\$ (421,585)	\$ (428,784)	\$ (420,370)	\$ 57,404	\$ 39,424
OPERATING CASH BALANCES						
BEGINNING JULY 1	\$ -	\$ 1,060,300	\$ 1,060,300	\$ 631,516	\$ 211,146	\$ 268,550
ENDING JUNE 30	\$ 1,060,300	\$ 638,715	\$ 631,516	\$ 211,146	\$ 268,549	\$ 307,974
Cash Reserve Ratio	1842%	663%	655%	219%	346%	500%
Cash reserve goal above 10%						

**TIER 2 LIGHTING FUND
CASH FLOW**

	Actual YEAR 2016-2017	Projected YEAR 2017-2018	BUDGET YEAR 2018-2019	BUDGET YEAR 2019-2020	BUDGET YEAR 2020-2021	BUDGET YEAR 2021-2022	BUDGET YEAR 2021-2022
STREET LIGHTING SALES	167,840	177,291	175,000	175,000	175,000	175,000	175,000
OTHER INCOME	4,637	0	2,000	2,000	2,000	2,000	2,000
INTEREST INCOME	12,833	0	9,000	3,000	4,000	5,000	5,000
OPERATING INCOME	185,310	177,291	186,000	180,000	181,000	182,000	182,000
OPERATING EXPENSES	(57,549)	(96,358)	(96,370)	(77,596)	(61,576)	(62,807)	(64,064)
NET INCOME EXCLUDING DEP.	127,761	80,933	89,630	102,404	119,424	119,193	117,936
NET BOND PROCEEDS	972,000						
CAPITAL OUTLAY	0	0	0	0	0	0	0
DEBT SERVICE	(8,666)	(39,717)	(40,000)	(40,000)	(75,000)	(73,000)	(128,000)
OTHER INCOME & EXPENSE	963,334	(39,717)	(40,000)	(40,000)	(75,000)	(73,000)	(128,000)
AVAILABLE FOR CAPITAL	1,091,095	41,216	49,630	62,404	44,424	46,193	(10,064)
CAPITAL IMPROVEMENTS	(30,795)	(470,000)	(470,000)	(5,000)	(5,000)	(5,000)	(5,000)
BEGINING CASH BALANCE	0	1,060,300	631,516	211,146	268,550	307,974	349,167
CASH INCREASE/(DECREASE)	1,060,300	(428,784)	(420,370)	57,404	39,424	41,193	(15,064)
ENDING BALANCES	\$1,060,300	\$631,516	\$ 211,146.18	\$268,550	\$307,974	\$349,167	\$334,103
RATE CHANGE	0%	0%	0%	0%	0%	0%	0%
Annual Bill	191.28	191.28	191.28	191.28	191.28	191.28	191.28
Debt Service Coverage	14.74		2.24	2.56	1.59	1.63	0.92
Cash Reserve Ratio	1842%	655%	219%	346%	500%	556%	522%

TIER 2 LIGHTING FUND REVENUE HISTORY

ACCOUNT NO	ACCOUNT TITLE	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ESTIMATED	HISTORICAL	APPROVED	INCREASE
		FISCAL/YR 2008/2009	FISCAL/YR 2009/2010	FISCAL/YR 2010/2011	FISCAL/YR 2011/2012	FISCAL/YR 2012/2013	FISCAL/YR 2013/2014	FISCAL/YR 2014/2015	FISCAL/YR 2015/2016	FISCAL/YR 2016/2017	FISCAL/YR 2017/2018	FISCAL/YR 2017-2018	AVERAGE 2017-2018	FISCAL/YR 2018/2019
	<u>OPERATING REVENUES</u>													
1645	STEET LIGHT FEES	-	-	-	-	-	-	-	-	167,840	177,291	172,566	175,000	(2,291)
1618	REPAIR & RELOCATION	-	-	-	-	-	-	-	-	-	-	-	2,000	2,000
1830	INTEREST INCOME	-	-	-	-	-	-	-	-	2,250	-	2,250	9,000	9,000
	TOTAL OPERATING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 170,090	\$ 177,291	\$ 174,816	\$ 186,000	\$ 8,709
	<u>NON-OPERATING REVENUES</u>													
1842	EQUIPMENT SALES	-	-	-	-	-	-	-	-	-	-	-	-	-
1910	AID TO CONST-PRIVATE CONT	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	BOND PROCEEDS	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL NON-OPERATING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL REVENUES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 170,090	\$ 177,291	\$ 174,816	\$ 186,000	\$ 8,709

**TIER 3 LIGHTING FUND
STREET LIGHTING ENTERPRISE FUNDS
BUDGET SUMMARY
FY 2019-2021**

SOURCES					Rate increase 0%	Rate increase 0%
	ACTUAL 2016-17	AMENDED BUDGET 2017-18	PROJECTED ACTUAL 2017-18	PROPOSED BUDGET 2018-19	FORECAST BUDGET 2019-20	FORECAST BUDGET 2020-21
REVENUES						
STREET LIGHTING FEES	\$ 625,117	\$ 605,116	\$ 605,116	\$ 625,000	\$ 625,000	\$ 625,000
INTEREST INCOME	20,514	-	-	17,000	7,000	10,000
OTHER REVENUES	7,289	-	-	5,000	5,000	5,000
TOTAL REVENUES	\$ 652,920	\$ 605,116	\$ 605,116	\$ 647,000	\$ 637,000	\$ 640,000
OTHER SOURCES						
GRANTS & OTHER RELATED REVENUES	-	-	-	-	-	-
SPECIAL ASSESSMENTS	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-
BOND PROCEEDS	1,528,000	-	-	-	-	-
TOTAL OTHER SOURCES	1,528,000	-	-	-	-	-
TOTAL SOURCES	\$ 2,180,920	\$ 605,116	\$ 605,116	\$ 647,000	\$ 637,000	\$ 640,000
EXPENSES & OTHER USES						
EXPENDITURES						
PERSONNEL SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE	414	-	-	-	-	-
TRAVEL & TRAINING	-	-	-	-	-	-
UTILITIES	180,772	247,775	247,775	240,000	190,608	146,886
TECHNICAL SERVICES	94,917	206,333	206,333	206,000	169,032	133,755
DATA PROCESSING	-	-	-	-	-	-
FLEET MAINTENANCE	-	-	-	-	-	-
ADMINISTRATIVE SERVICE FEE	-	-	-	-	-	-
PAYMENT IN LIEU OF TAXES	-	-	-	-	-	-
RISK MANAGEMENT	-	-	-	-	-	-
TRANSFERS TO GENERAL FUND	-	-	-	-	-	-
OTHER CHARGES AND SERVICES	8,094	-	-	-	-	-
TOTAL EXPENDITURES	284,197	454,108	454,108	446,000	359,640	280,641
OTHER USES						
CAPITAL OUTLAY	-	-	-	-	-	-
CAPITAL IMPROVEMENT BUDGET	40,342	770,000	770,000	780,000	15,000	160,000
DEBT SERVICES	13,554	52,530	62,444	63,000	63,000	124,000
TOTAL OTHER USES	\$ 53,896	\$ 822,530	\$ 832,444	\$ 843,000	\$ 78,000	\$ 284,000
TOTAL USES	\$ 338,093	\$ 1,276,638	\$ 1,286,552	\$ 1,289,000	\$ 437,640	\$ 564,641
EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES	\$ 1,842,827	\$ (671,522)	\$ (681,436)	\$ (642,000)	\$ 199,360	\$ 75,359
OPERATING CASH BALANCES						
BEGINNING JULY 1	\$ -	\$ 1,842,827	\$ 1,842,827	\$ 1,161,391	\$ 519,391	\$ 718,751
ENDING JUNE 30	\$ 1,842,827	\$ 1,171,305	\$ 1,161,391	\$ 519,391	\$ 718,751	\$ 794,109
Cash Reserve Ratio	648%	258%	256%	116%	200%	283%
Cash reserve goal above 10%						

**TIER 3 LIGHTING FUND
CASH FLOW**

	Actual YEAR 2016-2017	Projected YEAR 2017-2018	BUDGET YEAR 2018-2019	BUDGET YEAR 2019-2020	BUDGET YEAR 2020-2021	BUDGET YEAR 2021-2022	BUDGET YEAR 2021-2022
STREET LIGHTING SALES	625,117	605,116	625,000	625,000	625,000	625,000	625,000
OTHER INCOME	7,289	0	5,000	5,000	5,000	5,000	5,000
INTEREST INCOME	20,514	0	17,000	7,000	10,000	12,000	15,000
OPERATING INCOME	652,920	605,116	647,000	637,000	640,000	642,000	645,000
OPERATING EXPENSES	(284,197)	(454,108)	(446,000)	(359,640)	(280,641)	(286,254)	(291,978)
NET INCOME EXCLUDING DEP.	368,723	151,008	201,000	277,360	359,359	355,746	353,022
NET BOND PROCEEDS	1,528,000						
CAPITAL OUTLAY	0	0	0	0	0	0	0
DEBT SERVICE	(13,554)	(62,444)	(63,000)	(63,000)	(124,000)	(120,000)	(152,000)
OTHER INCOME & EXPENSE	1,514,446	(62,444)	(63,000)	(63,000)	(124,000)	(120,000)	(152,000)
AVAILABLE FOR CAPITAL	1,883,169	88,564	138,000	214,360	235,359	235,746	201,022
CAPITAL IMPROVEMENTS	(40,342)	(770,000)	(780,000)	(15,000)	(160,000)	(15,000)	(15,000)
BEGINING CASH BALANCE	0	1,842,827	1,161,391	519,391	718,751	794,110	1,014,856
CASH INCREASE/(DECREASE)	1,842,827	(681,436)	(642,000)	199,360	75,359	220,746	186,022
ENDING BALANCES	\$1,842,827	\$1,161,391	519,391	\$718,751	\$794,110	\$1,014,856	\$1,200,878
RATE CHANGE	0%	0%	0%	0%	0%	0%	0%
Annual Bill	525.84	525.84	525.84	525.84	525.84	525.84	525.84
Debt Service Coverage		2.42	3.19	4.40	2.90	2.96	2.32
Cash Reserve Ratio	648%	256%	116%	200%	283%	355%	411%

TIER 3 LIGHTING FUND REVENUE HISTORY

ACCOUNT NO	ACCOUNT TITLE	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ESTIMATED	HISTORICAL	APPROVED	INCREASE
		FISCAL/YR 2008/2009	FISCAL/YR 2009/2010	FISCAL/YR 2010/2011	FISCAL/YR 2011/2012	FISCAL/YR 2012/2013	FISCAL/YR 2013/2014	FISCAL/YR 2014/2015	FISCAL/YR 2015/2016	FISCAL/YR 2016/2017	FISCAL/YR 2017/2018	FISCAL/YR 2017-2018	AVERAGE 2017-2018	FISCAL/YR 2018/2019
	<u>OPERATING REVENUES</u>													
1645	STEET LIGHT FEES	-	-	-	-	-	-	-	-	625,117	605,116	615,117	625,000	19,884
1618	REPAIR & RELOCATION	-	-	-	-	-	-	-	-	-	-	-	5,000	5,000
1830	INTEREST INCOME	-	-	-	-	-	-	-	-	3,879	-	1,940	17,000	17,000
	TOTAL OPERATING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 628,996	\$ 605,116	\$ 617,056	\$ 647,000	\$ 41,884
	<u>NON-OPERATING REVENUES</u>													
1842	EQUIPMENT SALES	-	-	-	-	-	-	-	-	-	-	-	-	-
1910	AID TO CONST-PRIVATE CONT	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	BOND PROCEEDS	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL NON-OPERATING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL REVENUES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 628,996	\$ 605,116	\$ 617,056	\$ 647,000	\$ 41,884

**WATER REVENUE
COST CENTER 51-51101**

ACCOUNT NO.	ACCOUNT TITLE	PROPOSED FISCAL/YR 2018-2019
	<u>OPERATING REVENUES</u>	
1601	METERED SALES	\$ 73,289,346
1603	FLATE RATE SALES	50,000
1606	HYDRANT RENTALS	108,000
1618	REPAIR & RELOCATION	80,000
1619	OTHER REVENUES	140,000
1801	GROUNDS RENTALS	200,000
1830	INTEREST INCOME	375,000
1890	SUNDRY REVENUES	10,000
1955	OTHER INTERFUND REIMBURSEMENTS	2,449,985
	(SEWER) - 856,889	
	(GARBAGE) - 720,162	
	(STREET LIGHTING) - 240,000	
	(TRANSIT) - 55,000	
	(DRAINAGE) - 577,934	
	TOTAL OPERATING	76,702,331
	<u>NON-OPERATING REVENUES</u>	
1784	GAIN ON SALE OF PROPERTY	50,000
1910	CONTRIBUTIONS IN AID PRIVATE CONTRIBUTION	655,000
1910.10	CONTRIBUTIONS IN AID TO CONST HYDRANTS	300,000
1911	CONTRIBUTIONS IN AID TO CONST NEW SERV	250,000
1912	IMPACT FEES	500,000
	TOTAL NON-OPERATING	1,755,000
	TOTAL REVENUES	\$ 78,457,331

**SEWER REVENUE
COST CENTER 52-52201**

ACCOUNT NO.	ACCOUNT TITLE	PROPOSED FISCAL/YR 2018-2019
	<u>OPERATING REVENUES</u>	
1280	INSPCTN-SURVEY-PERMITS	\$ 70,000
1471.02	DUMPING FEES	5,000
1618	REPAIR & RELOCATION	10,000
1651	SEWER CHARGES	37,677,666
1654	SEWER SURCHARGES	50,000
1655	SPECIAL AGREEMENTS-SEWER	15,000
1658	SPECIAL WYES	25,000
1661	PRE-TREATMENT CHARGES	50,000
1830	INTEREST INCOME	1,052,000
1890	SUNDRY REVENUES	10,000
	TOTAL OPERATING	38,964,666
	<u>NON-OPERATING REVENUES</u>	
1842	EQUIPMENT SALES	20,000
1910	AID TO CONST.-PRIVATE	1,800,000
1910.10	AID TO CONST.-HYDRANT	220,000
1912	IMPACT FEES	700,000
1982	NOTE PROCEEDS	4,000,000
	TOTAL NON-OPERATING	6,740,000
	TOTAL REVENUES	\$ 45,704,666

**STORMWATER REVENUE
COST CENTER 53-53301**

ACCOUNT NO.	ACCOUNT TITLE	PROPOSED FISCAL/YR 2018-2019
	<u>OPERATING REVENUES</u>	
1619	OTHER REVENUES	\$ 1,000
1640	STORM DRAIN FEE	8,855,000
1830	INTEREST INCOME	33,000
	TOTAL OPERATING	8,889,000
	<u>NON-OPERATING REVENUES</u>	
1910	AID TO CONST-PRIVATE CONTB	650,000
1912	IMPACT FEES	200,000
1982	NOTE PROCEEDS	1,355,000
	TOTAL NON-OPERATING	2,205,000
	TOTAL REVENUES	\$11,094,000

**BASE LIGHTING REVENUE
COST CENTER 48-48801**

ACCOUNT NO.	ACCOUNT TITLE	PROPOSED FISCAL/YR 2018-2019
	<u>OPERATING REVENUES</u>	
1645	BASE LIGHT FEE	\$ 3,200,000
1618	REPAIR AND RELOCATION	2,000
1830	INTEREST INCOME	24,000
	TOTAL OPERATING	3,226,000
	<u>NON-OPERATING REVENUES</u>	
1974.01	TRANSFER FROM GENERAL FUND	20,000
	TOTAL NON-OPERATING	20,000
	TOTAL REVENUES	\$ 3,246,000

**TIER 1 LIGHTING REVENUE
COST CENTER 48-48111**

ACCOUNT NO.	ACCOUNT TITLE	PROPOSED FISCAL/YR 2018-2019
	<u>OPERATING REVENUES</u>	
1645	TIER 1 LIGHT FEE	\$ 170,000
1830	INTEREST INCOME	2,000
	TOTAL OPERATING	172,000
	TOTAL REVENUES	\$ 172,000

**TIER 2 LIGHTING REVENUE
COST CENTER 48-48222**

ACCOUNT NO.	ACCOUNT TITLE	PROPOSED FISCAL/YR 2018-2019
	<u>OPERATING REVENUES</u>	
1645	TIER 2 LIGHT FEE	\$ 175,000
1618	REPAIR AND RELOCATION	2,000
1830	INTEREST INCOME	9,000
	TOTAL OPERATING	186,000
	TOTAL REVENUES	\$ 186,000

**TIER 3 LIGHTING REVENUE
COST CENTER 48-48333**

ACCOUNT NO.	ACCOUNT TITLE	PROPOSED FISCAL/YR 2018-2019
	<u>OPERATING REVENUES</u>	
1645	TIER 3 LIGHT FEE	\$ 625,000
1618	REPAIR AND RELOCATION	5,000
1830	INTEREST INCOME	17,000
	TOTAL OPERATING	647,000
	TOTAL REVENUES	\$ 647,000