

## **Public Utilities**



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# Public Utilities



## Description

The Public Utilities Department provides water for City of San Diego customers through the Water Utility Fund, wastewater collection for City of San Diego customers through the Municipal Wastewater Fund, and wastewater treatment and disposal services for City of San Diego customers and regional partners through the Metropolitan Wastewater Fund.

In summer of 2018, the Mayor directed a comprehensive review of the Public Utilities Department and assigned a team to methodically analyze all aspects of water and wastewater operations, with specific attention paid to staffing, organizational structure, and key processes. The goal of the review was to ensure staff and processes are in place that support a customer-focused, mission-driven utility while restoring stability and confidence in the Department. The departmental review resulted in an organizational restructure which will begin to be implemented in Fiscal Year 2020 and be completed in Fiscal Year 2021. A comprehensive description of the restructure can be found in Volume I of the Fiscal Year 2020 Proposed Budget document.

***The mission is:***

To provide reliable water utility services that protect the health of our communities and the environment

***The vision is:***

A world-class water utility for a world-class city

## Goals and Objectives

*Goal 1: Water Supply and Environmental Stewardship*

- Water supply and conservation
- Carbon footprint and energy management

*Goal 2: Organization Excellence*

- Rate structure optimization
- Safety
- Training and development
- Excellent organizational culture

*Goal 3: Community Engagement*

- Stakeholder understanding and support
- Customer service strategies

*Goal 4: Infrastructure Management*

- Asset management
- Infrastructure investment

## Key Performance Indicators

Performance Indicator	FY2018 Target	FY2018 Actual	FY2019 Target	FY2019 Estimate	FY2020 Target
Percentage reduction of per capita water consumption <sup>1</sup>	5%	16%	5%	15%	5%
Percentage of Pure Water Phase 1 plan developed and implemented on schedule	100%	100%	100%	70%	100%
Average number of days to respond to and resolve customer-initiated service investigations <sup>2</sup>	10.0	13.6	10.0	10.0	10.0
Miles of sewer mains replaced, repaired, or rehabilitated <sup>3</sup>	45.0	39.9	40.0	40.0	40.0
Miles of water mains awarded for replacement <sup>4</sup>	35.0	33.4	35.0	32.7	35.0
Average number of minutes for water main break response time <sup>5</sup>	30	39	30	32	30
Number of acute sewer main defects identified <sup>6</sup>	50	45	50	50	50
Number of sanitary sewer overflows (SSOs)	40	37	40	37	40
Number of water main breaks	77	72	77	75	77

1. Reduction of per capita consumption is an ongoing, long-term effort and is not a compounding annual target of a 5% reduction from prior fiscal year. Calendar Year 2013 is the baseline year and the results reflect calendar year. The results tie to water consumption reports submitted to the State.

2. The average number of days to complete field investigations increased to 13.6 in FY 2018 in large part due to the reallocation of resources to address high billing issues. Customer-initiated service investigations include requests submitted by customers and staff and represent investigations only from the Billing and Field Services sections of the Customer Service Division.

## Key Performance Indicators

3. Mileage KPIs are based on a 5-year average (FY 2016 - FY 2020) programmatic level goals of 175 total awarded water miles and 215 replaced / rehabilitated sewer miles. The FY 2020 mileage goals reflect previously completed mileage as compared to these overall program goals, in addition to future system needs.
4. Refer to footnote #3
5. As of March 12, 2018 response time was calculated from when responders started travel to when responders arrived onsite. Prior to March 12th, the performance target and response times were calculated from when dispatch received calls and ended when responders arrived onsite.
6. The Public Utilities Department annual estimate for acute sewer defects of 50 is based on industry best practices for comparable sized collection systems. Due to the City's robust sewer infrastructure CIP program and increased efficiency in completing in-house repairs the number of identified defects has been below industry average.



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# Public Utilities

## Department Summary

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
FTE Positions (Budgeted)	1,650.92	1,655.92	1,708.32	52.40
Personnel Expenditures	\$ 166,746,875	\$ 176,351,727	\$ 185,171,471	\$ 8,819,744
Non-Personnel Expenditures	652,194,882	731,498,900	761,101,827	29,602,927
<b>Total Department Expenditures</b>	<b>\$ 818,941,757</b>	<b>\$ 907,850,627</b>	<b>\$ 946,273,298</b>	<b>\$ 38,422,671</b>
<b>Total Department Revenue</b>	<b>\$ 1,149,349,379</b>	<b>\$ 1,159,478,841</b>	<b>\$ 1,622,501,059</b>	<b>\$ 463,022,218</b>

## General Fund

### Department Expenditures

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
Public Utilities	\$ 2,648,514	\$ 2,606,490	\$ 2,712,536	\$ 106,046
<b>Total</b>	<b>\$ 2,648,514</b>	<b>\$ 2,606,490</b>	<b>\$ 2,712,536</b>	<b>\$ 106,046</b>

### Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Wastewater Disposal Services</b> Addition of non-personnel expenditures to support wastewater disposal contractual services at the nine City reservoirs to maintain a clean and healthy environment.	0.00	\$ 150,000	-
<b>San Dieguito Joint Powers Authority</b> Addition of non-personnel expenditures to support the San Dieguito Joint Powers Authority's maintenance of park open space for recreation in the San Dieguito River Valley.	0.00	17,086	-
<b>Armored Services</b> Addition of non-personnel expenditures related to armored pick up services for various lake locations required by the Office of the City Treasurer.	0.00	8,000	-
<b>Support for Information Technology</b> Adjustment to expenditure allocations according to a zero-based annual review of information technology funding requirements.	0.00	6,845	-
<b>Non-Discretionary Adjustment</b> Adjustment to expenditure allocations that are determined outside of the department's direct control. These allocations are generally based on prior year expenditure trends and examples of these include utilities, insurance, and rent.	0.00	2,310	-
<b>Reduction of City Reservoir Services</b> Reduction of non-personnel expenditures associated with the closure of City reservoirs by one additional day a month.	0.00	(78,195)	-
<b>Revised Revenue</b> Adjustment to reflect revised revenue projections.	0.00	-	(260,000)
<b>Total</b>	<b>0.00</b>	<b>\$ 106,046</b>	<b>(260,000)</b>

# Public Utilities

## Expenditures by Category

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
<b>NON-PERSONNEL</b>				
Supplies	\$ 44,434	\$ 61,800	\$ 61,800	-
Contracts	2,524,567	2,495,366	2,592,500	97,134
Information Technology	5,910	-	6,845	6,845
Energy and Utilities	73,598	49,324	51,391	2,067
Other	5	-	-	-
<b>NON-PERSONNEL SUBTOTAL</b>	<b>2,648,514</b>	<b>2,606,490</b>	<b>2,712,536</b>	<b>106,046</b>
<b>Total</b>	<b>\$ 2,648,514</b>	<b>\$ 2,606,490</b>	<b>\$ 2,712,536</b>	<b>\$ 106,046</b>

## Revenues by Category

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
Charges for Services	\$ 1,038,791	\$ 1,085,146	\$ 1,120,146	\$ 35,000
Other Revenue	529	-	-	-
Rev from Money and Prop	222,651	520,000	225,000	(295,000)
<b>Total</b>	<b>\$ 1,261,970</b>	<b>\$ 1,605,146</b>	<b>\$ 1,345,146</b>	<b>\$ (260,000)</b>

## Metropolitan Sewer Utility Fund

### Department Expenditures

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
Public Utilities	\$ 209,208,133	\$ 231,562,068	\$ 239,416,909	\$ 7,854,841
<b>Total</b>	<b>\$ 209,208,133</b>	<b>\$ 231,562,068</b>	<b>\$ 239,416,909</b>	<b>\$ 7,854,841</b>

### Department Personnel

	FY2018 Budget	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
Public Utilities	458.86	473.24	484.36	11.12
<b>Total</b>	<b>458.86</b>	<b>473.24</b>	<b>484.36</b>	<b>11.12</b>

### Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Waste Removal and Disposal Service</b> Addition of non-personnel expenditures for mandatory removal of bio solid material and hazardous waste.	0.00	\$ 6,000,000	-
<b>Digester Cleaning</b> Addition of one-time non-personnel expenditures for digester cleaning maintenance.	0.00	2,550,000	-
<b>Facility Upgrades and Security Services</b> Addition of non-personnel expenditures for facility upgrades and enhanced security services at various Public Utilities Department facilities.	0.00	2,123,600	-
<b>Salary and Benefit Adjustments</b> Adjustments to reflect savings resulting from vacant positions for any period of the fiscal year, retirement contributions, retiree health contributions, and labor negotiations.	0.00	1,329,577	-



# Public Utilities

## Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Water Systems Pipe Replacements and Electrical Substation Repairs</b> Addition of non-personnel expenditures for the replacement of corroded Heated Water System/Cooling Water System and Electrical Substation repairs.	0.00	750,000	-
<b>Support for Information Technology</b> Adjustment to expenditure allocations according to a zero-based annual review of information technology funding requirements.	0.00	663,170	-
<b>Public Utilities Reorganization Personnel Additions</b> Addition of 7.84 FTE positions to support the reorganization of water and wastewater operations within the department.	7.84	650,114	-
<b>Point Loma Wastewater Treatment Plant Condition Assessment</b> Addition of one-time non-personnel expenditures for a condition assessment at the Point Loma Wastewater Treatment Plant.	0.00	500,000	-
<b>Laboratory Supplies and Certification Fees</b> Addition of non-personnel expenditures for needed laboratory supplies, equipment, and facility improvements and to maintain industry required certifications to continue performing scientific and technical analyses.	0.00	468,345	-
<b>Pump Stations Maintenance and Support</b> Addition of non-personnel expenditures for maintenance and support at Pump Station 2, South Bay Water Reclamation Plant and Grove Avenue Pump Station.	0.00	400,000	-
<b>Recycled Water Division Support</b> Addition of both non-personnel expenditures and associated personnel expenditures to support the Recycled Water Division.	0.00	400,000	-
<b>Public Utilities Reorganization</b> Reallocation among funds associated with moving Long Range Planning Division functions to other divisions to increase efficiency and support the reorganization of water and wastewater operations within the department.	2.63	363,318	-
<b>Black Mountain and Meanley Tank Facilities</b> Addition of one-time non-personnel expenditures to repair and restart automated chlorination facilities at Black Mountain and Meanley Tanks.	0.00	300,000	-
<b>Pension Payment Stabilization Reserve</b> Addition of one-time non-personnel expenditures to replenish the Pension Payment Stabilization Reserve at 40% of the required level.	0.00	286,254	-
<b>Wastewater Treatment and Disposal Division Support</b> Addition of 1.00 Plant Technician 2, 1.00 Plant Technician 3 and 1.00 Instrumentation and Control Technician to support the Wastewater Treatment and Disposal Division.	3.00	240,652	-
<b>Supply Chain Warehouse Facilities</b> Addition of both one-time and on-going non-personnel expenditures to support supply chain warehouse facilities.	0.00	227,250	-
<b>Addition of Assistant Chemist</b> Addition of 1.04 Assistant Chemist and associated non-personnel expenditures to provide analytical lab support for the Pure Water Program.	1.04	178,980	-

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## Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Rate Consultant Services</b> Addition of non-personnel expenditures for consultant services necessary to review cost of service studies and to evaluate water and wastewater rates.	0.00	144,367	-
<b>Enterprise Asset Management System Support</b> Addition of 0.30 Plant Process Control Supervisor and 0.90 Program Coordinator to support the Enterprise Asset Management system.	1.20	135,424	-
<b>Facilities Maintenance Support</b> Addition of non-personnel expenditures to support building maintenance staff services.	0.00	134,923	-
<b>Industrial Wastewater Control Program Positions</b> Addition of 1.15 FTE positions to maintain industry required certifications to continue performing scientific and technical analyses.	1.15	109,567	-
<b>Geosyntec Consultant Services</b> Addition of one-time non-personnel expenditures related to Geosyntec consultant services necessary to maintain the Consent Decree with San Diego Coast Keepers.	0.00	100,000	-
<b>Associate Department Human Resources Analyst</b> Addition of 0.90 Associate Department Human Resources Analyst in support of hiring, performance management, and Occupational Health Services (OHS).	0.90	83,400	-
<b>Cost Allocation of Branch Management Expense</b> Addition of non-personnel expenditures associated with the cost allocation of branch management expenditures to non-general fund departments.	0.00	68,610	-
<b>Pay-in-Lieu of Annual Leave Adjustments</b> Adjustment to expenditures associated with projected compensation to employees in-lieu of the use of annual leave.	0.00	63,938	-
<b>Joint Powers Authority Agency Contribution</b> Addition of non-personnel expenditures for the annual Joint Powers Authority Agency contribution.	0.00	54,807	-
<b>Supply Chain and Inventory Expansion Support</b> Addition of 0.60 Storekeeper 2 and associated personnel expenditures to support inventory expansion and improve procurement processes across the department.	0.60	53,384	-
<b>Regular Rate of Pay</b> Addition of personnel expenditures associated with the cash payments in lieu of health benefits provided to employees as required by the recent Flores legal case.	0.00	52,419	-
<b>Non-Standard Hour Personnel Funding</b> Funding allocated according to a zero-based annual review of hourly funding requirements.	0.52	(9,557)	-
<b>Facilities Maintenance Consolidation</b> Transfer of 2.51 FTE positions and associated non-personnel expenditures from the Public Utilities Department to the Public Works – Facilities Services Department for centralization of facilities maintenance functions.	(2.51)	(248,394)	-
<b>One-Time Additions and Annualizations</b> Adjustment to reflect one-time revenues and expenditures, and the annualization of revenues and expenditures, implemented in Fiscal Year 2019.	0.00	(273,452)	(78,904)

# Public Utilities

## Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Public Utilities Reorganization Personnel Reductions</b>	(5.25)	(519,649)	-
Reduction of 5.25 FTE positions to support the reorganization of water and wastewater operations within the department.			
<b>Non-Discretionary Adjustment</b>	0.00	(3,741,524)	-
Adjustment to expenditure allocations that are determined outside of the department's direct control. These allocations are generally based on prior year expenditure trends and examples of these include utilities, insurance, and rent.			
<b>Reduction of Non-Personnel Expenditures</b>	0.00	(5,784,682)	-
Reduction of non-personnel expenditures based on historical budgetary savings in contractual services and capital expenditures.			
<b>Revised Revenue</b>	0.00	-	164,449,800
Adjustment to reflect revised revenue projections related to charges to Participating Agencies and reimbursements from the State Revolving Fund loan program for the Pure Water Program.			
<b>Revised Revenue</b>	0.00	-	(2,041,500)
Adjustment to reflect revised revenue projections.			
<b>Total</b>	<b>11.12 \$</b>	<b>7,854,841 \$</b>	<b>162,329,396</b>

## Expenditures by Category

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
<b>PERSONNEL</b>				
Personnel Cost	\$ 28,934,233	\$ 32,166,735	\$ 34,387,758	2,221,023
Fringe Benefits	21,728,416	22,369,332	22,706,727	337,395
<b>PERSONNEL SUBTOTAL</b>	<b>50,662,649</b>	<b>54,536,067</b>	<b>57,094,485</b>	<b>2,558,418</b>
<b>NON-PERSONNEL</b>				
Supplies	\$ 19,315,476	\$ 21,333,645	\$ 21,644,188	310,543
Contracts	42,478,891	50,179,010	54,982,088	4,803,078
Information Technology	4,714,342	6,516,479	7,179,649	663,170
Energy and Utilities	14,263,292	16,275,777	15,450,026	(825,751)
Other	172,050	309,618	310,368	750
Contingencies	-	3,500,000	3,500,000	-
Transfers Out	76,061,039	76,191,918	73,642,106	(2,549,812)
Capital Expenditures	1,808,254	2,704,299	5,613,999	2,909,700
Debt	(267,861)	15,255	-	(15,255)
<b>NON-PERSONNEL SUBTOTAL</b>	<b>158,545,484</b>	<b>177,026,001</b>	<b>182,322,424</b>	<b>5,296,423</b>
<b>Total</b>	<b>\$ 209,208,133</b>	<b>\$ 231,562,068</b>	<b>\$ 239,416,909</b>	<b>\$ 7,854,841</b>

## Revenues by Category

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
Charges for Services	\$ 84,730,762	\$ 86,388,022	\$ 86,235,922	(152,100)
Fines Forfeitures and Penalties	979,491	-	-	-
Other Revenue	248,196	100,000	100,000	-
Rev from Federal Agencies	1,344,000	-	-	-
Rev from Money and Prop	1,931,570	1,300,000	800,000	(500,000)
Rev from Other Agencies	46,175	-	-	-
Transfers In	10,569,127	62,679,104	225,660,600	162,981,496
<b>Total</b>	<b>\$ 99,849,321</b>	<b>\$ 150,467,126</b>	<b>\$ 312,796,522</b>	<b>\$ 162,329,396</b>

# Public Utilities

## Personnel Expenditures

Job Number	Job Title / Wages	FY2018 Budget	FY2019 Budget	FY2020 Proposed	Salary Range	Total
<b>FTE, Salaries, and Wages</b>						
20000007	Accountant 3	0.33	0.33	<b>0.57</b>	\$ 68,090 - 88,488	\$ 48,677
20000102	Accountant 4	0.33	0.33	<b>0.33</b>	76,599 - 109,715	32,508
90000102	Accountant 4 - Hourly	0.10	0.10	<b>0.10</b>	82,344 - 109,715	9,268
20000011	Account Clerk	4.56	4.08	<b>4.42</b>	33,605 - 40,459	172,217
20000012	Administrative Aide 1	0.77	1.60	<b>1.60</b>	39,449 - 47,528	75,824
20000024	Administrative Aide 2	6.51	7.47	<b>7.49</b>	45,444 - 54,769	371,994
20000057	Assistant Chemist	23.00	26.74	<b>27.78</b>	61,687 - 80,565	2,054,124
20001140	Assistant Department Director	1.16	1.10	<b>1.40</b>	33,863 - 185,643	197,259
20001202	Assistant Deputy Director	1.00	1.00	<b>1.00</b>	24,537 - 147,160	123,960
90001202	Assistant Deputy Director - Hourly	0.35	0.00	<b>0.00</b>	24,537 - 147,160	-
20000070	Assistant Engineer-Civil	8.19	9.61	<b>10.91</b>	61,752 - 74,407	761,439
20000087	Assistant Engineer-Mechanical	0.61	0.61	<b>0.61</b>	61,752 - 74,407	42,656
20000080	Assistant Laboratory Technician	1.00	1.00	<b>1.00</b>	38,633 - 50,053	48,307
20000041	Assistant Management Analyst	0.33	0.30	<b>0.30</b>	47,463 - 57,691	17,303
20001228	Assistant Metropolitan Wastewater Director	0.33	0.30	<b>0.30</b>	33,863 - 185,643	46,415
20000140	Associate Chemist	7.25	8.39	<b>8.39</b>	71,120 - 92,576	743,638
20000311	Associate Department Human Resources Analyst	0.66	0.60	<b>1.50</b>	57,691 - 69,723	98,842
20000143	Associate Engineer-Civil	10.95	13.03	<b>13.88</b>	71,099 - 85,860	1,147,690
20000145	Associate Engineer-Civil	1.33	1.26	<b>1.26</b>	71,099 - 85,860	102,671
20000150	Associate Engineer-Electrical	3.22	2.22	<b>2.22</b>	71,099 - 85,860	190,620
90000150	Associate Engineer-Electrical - Hourly	0.35	0.00	<b>0.00</b>	71,099 - 85,860	-
20000154	Associate Engineer-Mechanical	0.61	0.61	<b>0.61</b>	71,099 - 85,860	52,380
20000119	Associate Management Analyst	11.10	10.87	<b>11.43</b>	57,691 - 69,723	721,822
20000132	Associate Management Analyst	0.33	0.33	<b>0.00</b>	57,691 - 69,723	-
20000134	Associate Management Analyst	0.33	0.30	<b>0.30</b>	57,691 - 69,723	16,428
90000119	Associate Management Analyst - Hourly	0.08	0.00	<b>0.00</b>	57,691 - 69,723	-
20000162	Associate Planner	0.46	0.24	<b>0.70</b>	65,061 - 84,515	54,789
20000655	Biologist 2	7.00	8.56	<b>8.56</b>	57,326 - 69,723	561,024
20000648	Biologist 3	3.50	3.00	<b>3.00</b>	66,157 - 80,101	208,266
20000649	Biologist 3	0.24	0.24	<b>0.00</b>	66,157 - 80,101	-
20000195	Boat Operator	1.00	1.00	<b>1.00</b>	46,411 - 55,370	46,411
20000201	Building Maintenance Supervisor	0.33	0.33	<b>0.00</b>	66,006 - 79,822	-
20000205	Building Service Supervisor	1.34	0.64	<b>0.00</b>	48,796 - 59,002	-
20000224	Building Service Technician	1.34	0.64	<b>0.00</b>	35,560 - 42,328	-
20000231	Cal-ID Technician	0.00	0.00	<b>0.43</b>	38,718 - 46,647	16,653
20000539	Clerical Assistant 2	2.99	2.96	<b>3.70</b>	31,929 - 38,482	137,975
20000306	Code Compliance Officer	0.44	0.44	<b>0.00</b>	39,728 - 47,807	-
20000545	Contracts Processing Clerk	0.33	0.30	<b>0.30</b>	35,173 - 42,479	12,492
20001168	Deputy Director	2.44	2.36	<b>2.79</b>	50,128 - 184,332	369,863
20000434	Electronics Technician	0.33	0.33	<b>0.33</b>	50,257 - 60,334	19,607
21000451	Environmental Biologist 3	0.00	0.00	<b>0.24</b>	71,120 - 92,576	20,647
20000438	Equipment Painter	2.00	2.00	<b>2.00</b>	47,335 - 56,767	111,831
20000924	Executive Assistant	0.33	0.30	<b>0.30</b>	46,475 - 56,208	16,259

# Public Utilities

## Personnel Expenditures

Job Number	Job Title / Wages	FY2018 Budget	FY2019 Budget	FY2020 Proposed	Salary Range	Total
20000461	Field Representative	0.55	1.00	<b>0.46</b>	34,486 - 41,533	17,504
20000184	Fleet Parts Buyer	1.00	0.30	<b>0.30</b>	47,635 - 57,691	17,303
20000501	Heavy Truck Driver 2	3.00	3.00	<b>3.00</b>	40,094 - 48,344	145,032
20000178	Information Systems Administrator	0.34	0.30	<b>0.00</b>	78,404 - 94,948	-
20000290	Information Systems Analyst 2	2.04	1.68	<b>1.68</b>	57,691 - 69,723	113,237
20000293	Information Systems Analyst 3	2.38	1.96	<b>1.96</b>	63,342 - 76,578	150,115
20000998	Information Systems Analyst 4	1.36	1.12	<b>1.12</b>	71,249 - 86,311	96,668
20000999	Information Systems Analyst 4	1.00	1.00	<b>1.00</b>	71,249 - 86,311	86,311
20000514	Instrumentation and Control Supervisor	1.00	1.00	<b>1.00</b>	60,183 - 72,796	72,796
20000515	Instrumentation and Control Technician	8.00	8.00	<b>9.00</b>	55,370 - 66,479	560,214
90000515	Instrumentation and Control Technician - Hourly	0.70	0.35	<b>0.00</b>	55,370 - 66,479	-
20000497	Irrigation Specialist	0.33	0.00	<b>0.00</b>	40,351 - 48,301	-
20000590	Laboratory Technician	20.00	19.90	<b>19.90</b>	46,583 - 60,516	1,116,731
20000618	Machinist	4.00	4.00	<b>4.00</b>	49,225 - 58,980	223,584
90001073	Management Intern - Hourly	1.34	3.10	<b>3.30</b>	25,913 - 31,155	95,852
20000624	Marine Biologist 2	17.00	15.56	<b>15.56</b>	61,623 - 80,565	1,172,091
20000626	Marine Biologist 3	4.00	4.00	<b>4.00</b>	71,120 - 92,576	340,041
20000634	Organization Effectiveness Specialist 2	0.88	0.88	<b>0.33</b>	57,691 - 69,723	19,042
20000627	Organization Effectiveness Specialist 3	0.66	0.66	<b>0.66</b>	63,342 - 76,578	46,180
20000639	Organization Effectiveness Supervisor	0.33	0.33	<b>0.33</b>	71,249 - 86,311	28,486
20000667	Painter	3.00	0.90	<b>0.00</b>	44,391 - 53,308	-
20000680	Payroll Specialist 2	3.30	3.15	<b>3.15</b>	38,783 - 49,160	142,890
20000173	Payroll Supervisor	0.66	0.63	<b>0.63</b>	44,477 - 56,537	34,772
20000701	Plant Process Control Electrician	19.00	19.00	<b>19.00</b>	55,370 - 66,479	1,178,094
20000703	Plant Process Control Supervisor	3.00	3.43	<b>3.30</b>	60,183 - 72,796	225,661
20000705	Plant Process Control Supervisor	7.33	7.33	<b>7.33</b>	60,183 - 72,796	526,665
20000687	Plant Technician 1	21.00	21.00	<b>21.00</b>	40,351 - 48,301	953,670
20000688	Plant Technician 2	25.00	25.00	<b>26.00</b>	44,241 - 52,835	1,337,525
20000689	Plant Technician 3	14.00	14.98	<b>15.98</b>	48,538 - 58,078	918,644
20000706	Plant Technician Supervisor	8.00	8.00	<b>8.00</b>	56,208 - 67,059	536,472
20000732	Power Plant Operator	4.00	4.00	<b>4.00</b>	53,050 - 63,320	241,965
20000733	Power Plant Supervisor	2.00	2.00	<b>2.00</b>	58,830 - 71,056	117,660
21000184	Principal Backflow & Cross Connection Specialist	0.22	2.00	<b>2.00</b>	53,351 - 64,610	123,831
20000740	Principal Drafting Aide	0.88	1.54	<b>1.32</b>	53,351 - 64,610	80,196
20000743	Principal Engineering Aide	1.68	1.53	<b>1.32</b>	53,351 - 64,610	85,286
20000707	Principal Plant Technician Supervisor	2.00	2.00	<b>2.00</b>	67,252 - 81,154	148,406
20000227	Procurement Specialist	1.00	1.00	<b>1.00</b>	52,405 - 63,471	63,471
20001234	Program Coordinator	0.00	0.00	<b>0.90</b>	24,537 - 147,160	77,264
20001222	Program Manager	3.75	4.82	<b>5.28</b>	50,128 - 184,332	617,868
90001222	Program Manager - Hourly	0.00	0.35	<b>0.00</b>	50,128 - 184,332	-
20000760	Project Assistant	0.12	0.45	<b>0.45</b>	61,752 - 74,407	32,749

# Public Utilities

## Personnel Expenditures

Job Number	Job Title / Wages	FY2018 Budget	FY2019 Budget	FY2020 Proposed	Salary Range	Total
20000761	Project Officer 1	0.24	0.24	<b>0.24</b>	71,099 - 85,860	18,530
20000763	Project Officer 2	0.73	1.06	<b>1.06</b>	81,949 - 99,074	103,404
20000766	Project Officer 2	0.22	0.50	<b>0.73</b>	81,949 - 99,074	68,389
20000768	Property Agent	0.11	0.00	<b>0.23</b>	63,342 - 76,578	17,617
20000783	Public Information Clerk	0.77	0.60	<b>0.60</b>	33,605 - 40,459	21,981
20001150	Public Utilities Director	0.33	0.30	<b>0.30</b>	63,127 - 239,144	60,818
20000319	Pump Station Operator	10.00	10.00	<b>10.00</b>	46,411 - 55,392	553,920
20000320	Pump Station Operator Supervisor	1.00	1.00	<b>1.00</b>	50,880 - 60,699	60,699
20000559	Recycling Program Manager	0.11	0.00	<b>0.00</b>	81,885 - 99,117	-
20000560	Recycling Program Manager	1.00	1.30	<b>1.30</b>	81,885 - 99,117	128,373
20001042	Safety and Training Manager	0.99	0.90	<b>0.90</b>	71,249 - 86,311	76,306
20000847	Safety Officer	0.66	0.33	<b>0.66</b>	61,795 - 74,622	47,393
20000850	Safety Officer	0.00	0.30	<b>0.00</b>	61,795 - 74,622	-
20000854	Safety Representative 2	3.31	3.22	<b>2.89</b>	53,845 - 65,125	181,590
21000438	Security Officer	0.00	0.00	<b>0.30</b>	61,795 - 74,622	22,390
20000869	Senior Account Clerk	0.76	0.68	<b>0.68</b>	38,482 - 46,432	29,967
21000183	Senior Backflow & Cross Connection Specialist	1.55	7.00	<b>5.00</b>	47,399 - 57,304	275,052
20000828	Senior Biologist	0.50	0.50	<b>0.50</b>	76,578 - 92,263	46,132
20000196	Senior Boat Operator	1.00	1.00	<b>1.00</b>	51,052 - 60,957	60,957
20000883	Senior Chemist	1.45	2.03	<b>2.03</b>	82,293 - 106,620	205,479
20000885	Senior Civil Engineer	3.87	4.76	<b>4.76</b>	81,949 - 99,074	468,024
20000890	Senior Civil Engineer	0.33	0.30	<b>0.30</b>	81,949 - 99,074	28,614
20000927	Senior Clerk/Typist	1.00	1.00	<b>1.00</b>	38,482 - 46,432	45,503
20000400	Senior Drafting Aide	3.31	2.65	<b>2.65</b>	47,399 - 57,304	148,482
20000905	Senior Electrical Engineer	1.00	1.00	<b>1.00</b>	81,949 - 99,074	99,074
20000015	Senior Management Analyst	5.24	6.82	<b>7.37</b>	63,342 - 76,578	553,068
90000015	Senior Management Analyst - Hourly	0.08	0.00	<b>0.00</b>	63,342 - 76,578	-
20000880	Senior Marine Biologist	1.00	1.00	<b>1.00</b>	82,314 - 106,620	102,900
20000918	Senior Planner	0.34	0.12	<b>0.35</b>	74,966 - 97,427	32,396
20000920	Senior Planner	0.44	0.33	<b>0.56</b>	74,966 - 97,427	52,327
20000708	Senior Plant Technician Supervisor	7.33	6.33	<b>6.33</b>	64,094 - 77,330	485,136
20000968	Senior Power Plant Supervisor	1.00	1.00	<b>1.00</b>	67,618 - 81,562	81,562
20000938	Senior Wastewater Operations Supervisor	6.00	6.00	<b>6.00</b>	79,220 - 95,829	569,756
20000055	Senior Wastewater Plant Operator	2.00	3.96	<b>3.96</b>	60,334 - 72,151	262,546
20001060	Senior Water Operations Supervisor	0.00	0.43	<b>0.00</b>	82,486 - 99,783	-
20000950	Stock Clerk	5.34	1.84	<b>1.50</b>	32,079 - 38,718	57,662
90000950	Stock Clerk - Hourly	0.00	0.00	<b>0.52</b>	32,079 - 38,718	18,301
20000955	Storekeeper 1	3.34	1.24	<b>1.24</b>	36,935 - 44,305	53,936
20000956	Storekeeper 2	2.00	0.60	<b>1.20</b>	40,373 - 48,796	55,421
20000954	Storekeeper 3	1.00	0.30	<b>0.30</b>	42,479 - 51,095	14,345
90000964	Student Engineer - Hourly	0.58	0.48	<b>0.98</b>	28,491 - 34,163	31,317
20001006	Supervising Cal-ID Technician	0.00	0.00	<b>0.43</b>	44,391 - 53,630	19,093
20000313	Supervising Department Human Resources Analyst	0.66	0.66	<b>0.66</b>	71,249 - 86,311	51,996
20000995	Supervising Economist	0.41	0.05	<b>0.05</b>	71,249 - 86,311	4,319
20000990	Supervising Field Representative	0.11	0.00	<b>0.00</b>	39,685 - 47,743	-
20000970	Supervising Management Analyst	4.51	4.76	<b>4.65</b>	71,249 - 86,311	401,360

# Public Utilities

## Personnel Expenditures

Job Number	Job Title / Wages	FY2018 Budget	FY2019 Budget	FY2020 Proposed	Salary Range	Total
20000985	Supervising Management Analyst	0.11	0.00	0.00	71,249 - 86,311	-
20000333	Supervising Wastewater Pretreatment Inspector	0.00	0.00	0.23	71,163 - 86,289	18,028
21000177	Trainer	1.98	1.98	1.98	57,691 - 69,723	128,705
20001041	Training Supervisor	0.55	0.55	0.55	63,342 - 76,578	41,235
20001051	Utility Worker 1	0.00	1.00	1.00	32,573 - 38,740	32,573
20000937	Wastewater Operations Supervisor	25.00	25.00	25.00	69,014 - 82,486	2,008,760
20000941	Wastewater Plant Operator	41.00	41.00	41.00	62,998 - 75,374	2,720,013
20000323	Wastewater Pretreatment Inspector 2	0.00	0.00	0.23	58,765 - 71,249	14,865
20000931	Wastewater Treatment Superintendent	4.00	4.00	4.00	100,591 - 121,703	449,453
90000931	Wastewater Treatment Superintendent - Hourly	0.80	0.00	0.00	100,591 - 121,703	-
20000003	Water Systems Technician 3	0.00	4.00	7.00	44,241 - 52,835	342,741
20000004	Water Systems Technician 4	0.00	3.00	3.00	50,837 - 60,678	180,214
20001058	Welder	2.00	2.00	2.00	47,335 - 56,767	112,682
20000756	Word Processing Operator	9.10	7.35	8.13	33,605 - 40,459	323,712
	Adjust Budget To Approved Levels					683,477
	Bilingual - Regular					6,642
	Budgeted Vacancy Savings					(1,978,136)
	Exceptional Performance Pay-Classified					927
	Exceptional Performance Pay-Unclassified					1,045
	Geographic Info Cert Pay					877
	Infrastructure In-Training Pay					68,155
	Night Shift Pay					76,711
	Overtime Budgeted					2,656,853
	Plant/Tank Vol Cert Pay					58,128
	Reg Pay For Engineers					174,830
	Sick Leave - Hourly					4,942
	Split Shift Pay					45,448
	Termination Pay Annual Leave					76,100
	Vacation Pay In Lieu					122,868
	Welding Certification					3,640
<b>FTE, Salaries, and Wages Subtotal</b>		<b>458.86</b>	<b>473.24</b>	<b>484.36</b>		<b>\$ 34,387,758</b>

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
<b>Fringe Benefits</b>				
Employee Offset Savings	\$ 135,606	\$ 144,981	\$ 146,234	1,253
Flexible Benefits	4,831,963	5,210,320	5,171,840	(38,480)
Long-Term Disability	1	-	-	-
Medicare	419,873	405,917	431,155	25,238
Other Post-Employment Benefits	2,577,358	2,728,867	2,745,434	16,567
Retiree Medical Trust	21,849	24,053	29,974	5,921
Retirement 401 Plan	20,144	20,433	21,055	622
Retirement ADC	10,720,814	10,748,844	10,808,061	59,217
Retirement DROP	141,660	159,272	144,541	(14,731)
Risk Management Administration	425,022	469,329	539,390	70,061
Supplemental Pension Savings Plan	1,767,397	1,872,139	2,029,440	157,301
Unemployment Insurance	46,150	49,559	47,526	(2,033)

# Public Utilities

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
Workers' Compensation	620,578	535,618	592,077	56,459
<b>Fringe Benefits Subtotal</b>	<b>\$ 21,728,416</b>	<b>\$ 22,369,332</b>	<b>\$ 22,706,727</b>	<b>\$ 337,395</b>
<b>Total Personnel Expenditures</b>			<b>\$ 57,094,485</b>	

## Municipal Sewer Revenue Fund

### Department Expenditures

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
Public Utilities	\$ 119,566,671	\$ 131,035,630	\$ 134,368,279	\$ 3,332,649
<b>Total</b>	<b>\$ 119,566,671</b>	<b>\$ 131,035,630</b>	<b>\$ 134,368,279</b>	<b>\$ 3,332,649</b>

### Department Personnel

	FY2018 Budget	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
Public Utilities	401.04	398.50	419.93	21.43
<b>Total</b>	<b>401.04</b>	<b>398.50</b>	<b>419.93</b>	<b>21.43</b>

### Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Public Utilities Reorganization</b> Reallocation among funds associated with moving Long Range Planning Division functions to other divisions to increase efficiency and support the reorganization of water and wastewater operations within the department.	15.50	\$ 1,482,938	-
<b>Facilities Maintenance Support</b> Addition of non-personnel expenditures to support building maintenance staff services.	0.00	640,914	-
<b>Public Utilities Reorganization Personnel Additions</b> Addition of 6.59 FTE positions to support the reorganization of water and wastewater operations within the department.	6.59	533,851	-
<b>Non-Discretionary Adjustment</b> Adjustment to expenditure allocations that are determined outside of the department's direct control. These allocations are generally based on prior year expenditure trends and examples of these include utilities, insurance, and rent.	0.00	533,030	-
<b>Vector Truck Fleet Replacement</b> Addition of non-personnel expenditures to replace the vector truck fleet.	0.00	500,000	-
<b>Salary and Benefit Adjustments</b> Adjustments to reflect savings resulting from vacant positions for any period of the fiscal year, retirement contributions, retiree health contributions, and labor negotiations.	0.00	451,664	-
<b>MyWaterEasy Customer Support</b> Addition of non-personnel expenditures to support credit card payment processing fees through MyWaterEasy.	0.00	400,000	-
<b>Facility Upgrades and Security Services</b> Addition of non-personnel expenditures for facility upgrades and enhanced security services at various Public Utilities Department facilities.	0.00	282,260	-



# Public Utilities

## Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Industrial Wastewater Control Program Positions</b> Addition of 2.60 FTE positions to maintain industry required certifications to continue performing scientific and technical analyses.	2.60	247,720	-
<b>Pay-in-Lieu of Annual Leave Adjustments</b> Adjustment to expenditures associated with projected compensation to employees in-lieu of the use of annual leave.	0.00	242,994	-
<b>Pension Payment Stabilization Reserve</b> Addition of one-time non-personnel expenditures to replenish the Pension Payment Stabilization Reserve at 40% of the required level.	0.00	230,226	-
<b>Supply Chain Warehouse Facilities</b> Addition of both one-time and on-going non-personnel expenditures to support supply chain warehouse facilities.	0.00	174,070	-
<b>Laboratory Supplies and Certification Fees</b> Addition of non-personnel expenditures for needed laboratory supplies, equipment, and facility improvements and to maintain industry required certifications to continue performing scientific and technical analyses.	0.00	136,331	-
<b>Regular Rate of Pay</b> Addition of personnel expenditures associated with the cash payments in lieu of health benefits provided to employees as required by the recent Flores legal case.	0.00	128,084	-
<b>Enterprise Asset Management System Support</b> Addition of 0.23 Plant Process Control Supervisor and 0.69 Program Coordinator to support the Enterprise Asset Management system.	0.92	103,826	-
<b>Rate Consultant Services</b> Addition of non-personnel expenditures for consultant services necessary to review cost of service studies and to evaluate water and wastewater rates.	0.00	96,038	-
<b>Associate Department Human Resources Analyst</b> Addition of 0.69 Associate Department Human Resources Analyst in support of hiring, performance management, and Occupational Health Services (OHS).	0.69	63,939	-
<b>Addition of Assistant Chemist</b> Addition of 0.46 Assistant Chemist and associated non-personnel expenditures to provide analytical lab support for the Pure Water Program.	0.46	45,992	-
<b>Cost Allocation of Branch Management Expense</b> Addition of non-personnel expenditures associated with the cost allocation of branch management expenditures to non-general fund departments.	0.00	43,144	-
<b>Supply Chain and Inventory Expansion Support</b> Addition of 0.46 Storekeeper 2 and associated personnel expenditures to support inventory expansion and improve procurement processes across the department.	0.46	40,927	-
<b>Transportation Agreements</b> Addition of non-personnel expenditures for transportation agreements with City of Solana Beach, Poway, National City, La Mesa, Lemon Grove, as well as the Padre Dam Municipal Water District and Spring Valley Sanitation District.	0.00	17,399	-
<b>Non-Standard Hour Personnel Funding</b> Funding allocated according to a zero-based annual review of hourly funding requirements.	(1.72)	(51,960)	-

# Public Utilities

## Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Support for Information Technology</b> Adjustment to expenditure allocations according to a zero-based annual review of information technology funding requirements.	0.00	(160,464)	-
<b>Public Utilities Reorganization Personnel Reductions</b> Reduction of 2.08 FTE positions to support the reorganization of water and wastewater operations within the department.	(2.08)	(182,678)	-
<b>Facilities Maintenance Consolidation</b> Transfer of 1.99 FTE positions and associated non-personnel expenditures from the Public Utilities Department to the Public Works – Facilities Services Department for centralization of facilities maintenance functions.	(1.99)	(193,843)	-
<b>One-Time Additions and Annualizations</b> Adjustment to reflect one-time revenues and expenditures, and the annualization of revenues and expenditures, implemented in Fiscal Year 2019.	0.00	(273,753)	(55,041)
<b>Reduction of Non-Personnel Expenditures</b> Reduction of non-personnel expenditures based on historical budgetary savings in contractual services.	0.00	(2,200,000)	-
<b>Revised Revenue</b> Adjustment to reflect revised revenue projections.	0.00	-	(1,732,500)
<b>Total</b>	<b>21.43 \$</b>	<b>3,332,649 \$</b>	<b>(1,787,541)</b>

## Expenditures by Category

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
<b>PERSONNEL</b>				
Personnel Cost	\$ 20,894,044	\$ 23,146,488	\$ 25,578,102	2,431,614
Fringe Benefits	17,318,939	17,842,128	18,307,712	465,584
<b>PERSONNEL SUBTOTAL</b>	<b>38,212,982</b>	<b>40,988,616</b>	<b>43,885,814</b>	<b>2,897,198</b>
<b>NON-PERSONNEL</b>				
Supplies	\$ 4,239,753	\$ 5,091,750	\$ 5,167,740	75,990
Contracts	33,541,820	40,750,640	41,057,586	306,946
Information Technology	2,563,325	3,259,284	3,098,820	(160,464)
Energy and Utilities	5,675,069	5,918,199	6,586,049	667,850
Other	178,826	117,769	118,344	575
Transfers Out	34,753,957	34,133,519	33,211,436	(922,083)
Capital Expenditures	299,741	569,797	1,124,347	554,550
Debt	101,197	206,056	118,143	(87,913)
<b>NON-PERSONNEL SUBTOTAL</b>	<b>81,353,689</b>	<b>90,047,014</b>	<b>90,482,465</b>	<b>435,451</b>
<b>Total</b>	<b>\$ 119,566,671</b>	<b>\$ 131,035,630</b>	<b>\$ 134,368,279</b>	<b>\$ 3,332,649</b>

## Revenues by Category

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
Charges for Services	\$ 284,147,007	\$ 280,208,600	\$ 279,320,100	(888,500)
Other Revenue	534,767	-	-	-
Rev from Money and Prop	3,291,797	2,140,000	1,296,000	(844,000)
Transfers In	300,311	55,041	-	(55,041)
<b>Total</b>	<b>\$ 288,273,881</b>	<b>\$ 282,403,641</b>	<b>\$ 280,616,100</b>	<b>(1,787,541)</b>

# Public Utilities

## Personnel Expenditures

Job Number	Job Title / Wages	FY2018 Budget	FY2019 Budget	FY2020 Proposed	Salary Range	Total
<b>FTE, Salaries, and Wages</b>						
20000007	Accountant 3	0.18	0.18	<b>0.34</b>	\$ 68,090 - 88,488	\$ 29,041
20000102	Accountant 4	0.18	0.18	<b>0.18</b>	76,599 - 109,715	17,731
90000102	Accountant 4 - Hourly	0.06	0.06	<b>0.06</b>	82,344 - 109,715	5,561
20000011	Account Clerk	2.64	2.52	<b>2.85</b>	33,605 - 40,459	111,202
20000012	Administrative Aide 1	0.86	0.96	<b>0.96</b>	39,449 - 47,528	41,426
20000024	Administrative Aide 2	5.74	4.83	<b>5.10</b>	45,444 - 54,769	271,621
20000057	Assistant Chemist	10.00	7.20	<b>7.66</b>	61,687 - 80,565	575,958
20000058	Assistant Customer Services Supervisor	0.50	0.50	<b>0.50</b>	53,544 - 64,524	31,617
20001140	Assistant Department Director	0.36	0.46	<b>0.69</b>	33,863 - 185,643	93,965
20000070	Assistant Engineer-Civil	10.58	10.97	<b>12.97</b>	61,752 - 74,407	911,446
20000087	Assistant Engineer- Mechanical	0.16	0.16	<b>0.16</b>	61,752 - 74,407	11,190
20000041	Assistant Management Analyst	0.18	0.23	<b>0.23</b>	47,463 - 57,691	13,271
20001228	Assistant Metropolitan Wastewater Director	0.18	0.23	<b>0.23</b>	33,863 - 185,643	35,591
20000140	Associate Chemist	4.50	2.82	<b>2.82</b>	71,120 - 92,576	250,999
20000311	Associate Department Human Resources Analyst	0.36	0.46	<b>1.15</b>	57,691 - 69,723	75,772
20000143	Associate Engineer-Civil	8.31	8.67	<b>9.72</b>	71,099 - 85,860	815,406
20000145	Associate Engineer-Civil	0.70	0.82	<b>0.82</b>	71,099 - 85,860	66,299
20000150	Associate Engineer-Electrical	0.32	0.32	<b>0.32</b>	71,099 - 85,860	27,480
20000154	Associate Engineer- Mechanical	0.16	0.16	<b>0.16</b>	71,099 - 85,860	13,740
20000119	Associate Management Analyst	7.58	7.97	<b>10.50</b>	57,691 - 69,723	657,699
20000132	Associate Management Analyst	0.18	0.18	<b>0.00</b>	57,691 - 69,723	-
20000134	Associate Management Analyst	0.18	0.23	<b>0.23</b>	57,691 - 69,723	12,600
90000119	Associate Management Analyst - Hourly	0.05	0.00	<b>0.00</b>	57,691 - 69,723	-
20000162	Associate Planner	1.34	1.00	<b>1.70</b>	65,061 - 84,515	131,692
20000655	Biologist 2	0.00	0.17	<b>0.17</b>	57,326 - 69,723	11,856
20000648	Biologist 3	1.25	1.25	<b>1.25</b>	66,157 - 80,101	97,227
20000649	Biologist 3	1.34	1.00	<b>0.00</b>	66,157 - 80,101	-
20000201	Building Maintenance Supervisor	0.18	0.18	<b>0.00</b>	66,006 - 79,822	-
20000205	Building Service Supervisor	0.33	0.56	<b>0.00</b>	48,796 - 59,002	-
20000224	Building Service Technician	0.33	0.56	<b>0.00</b>	35,560 - 42,328	-
20000266	Cashier	2.50	2.50	<b>2.00</b>	33,605 - 40,459	80,513
20000236	Cement Finisher	1.00	1.00	<b>1.00</b>	49,848 - 64,235	61,064
20000539	Clerical Assistant 2	3.54	3.09	<b>3.32</b>	31,929 - 38,482	125,082
20000306	Code Compliance Officer	1.00	0.00	<b>0.00</b>	39,728 - 47,807	-
20000829	Compliance and Metering Manager	1.00	1.00	<b>1.00</b>	78,382 - 94,798	78,382
20000545	Contracts Processing Clerk	0.18	0.23	<b>0.23</b>	35,173 - 42,479	9,576
20000801	Customer Information and Billing Manager	1.00	1.00	<b>1.00</b>	78,382 - 94,798	94,798
20000369	Customer Services Representative	22.00	21.75	<b>21.25</b>	35,173 - 42,479	867,932
90000369	Customer Services Representative - Hourly	2.00	2.00	<b>2.00</b>	35,173 - 42,479	76,964
20000366	Customer Services Supervisor	2.00	2.00	<b>2.00</b>	61,666 - 74,472	141,802

# Public Utilities

## Personnel Expenditures

Job Number	Job Title / Wages	FY2018 Budget	FY2019 Budget	FY2020 Proposed	Salary Range	Total
20001168	Deputy Director	2.37	2.64	<b>2.64</b>	50,128 - 184,332	332,310
20000434	Electronics Technician	0.18	0.18	<b>0.18</b>	50,257 - 60,334	10,698
21000451	Environmental Biologist 3	0.00	0.00	<b>1.00</b>	71,120 - 92,576	85,992
20000429	Equipment Operator 1	31.00	31.00	<b>31.00</b>	40,223 - 48,151	1,452,281
20000430	Equipment Operator 2	12.00	12.00	<b>12.00</b>	44,133 - 52,771	605,754
20000436	Equipment Operator 3	2.00	2.00	<b>2.00</b>	46,045 - 55,134	110,268
20000418	Equipment Technician 1	8.00	8.00	<b>8.00</b>	38,418 - 46,024	328,320
20000423	Equipment Technician 2	8.00	8.00	<b>8.00</b>	42,156 - 50,257	384,346
20000431	Equipment Technician 3	1.00	1.00	<b>1.00</b>	46,282 - 55,285	55,284
20000924	Executive Assistant	0.18	0.23	<b>0.23</b>	46,475 - 56,208	12,466
20000461	Field Representative	14.00	13.00	<b>21.04</b>	34,486 - 41,533	843,319
90000461	Field Representative - Hourly	1.63	2.08	<b>0.13</b>	34,486 - 41,533	4,947
20000184	Fleet Parts Buyer	0.00	0.23	<b>0.23</b>	47,635 - 57,691	13,271
20000483	General Water Utility Supervisor	4.00	4.00	<b>4.00</b>	63,320 - 76,578	300,430
20000502	Heavy Truck Driver 1	1.00	1.00	<b>1.00</b>	38,654 - 46,045	46,045
20000501	Heavy Truck Driver 2	1.00	1.00	<b>1.00</b>	40,094 - 48,344	48,344
20000178	Information Systems Administrator	0.19	0.23	<b>0.00</b>	78,404 - 94,948	-
20000290	Information Systems Analyst 2	1.64	1.94	<b>1.94</b>	57,691 - 69,723	125,896
20000293	Information Systems Analyst 3	1.83	2.18	<b>2.18</b>	63,342 - 76,578	166,913
20000998	Information Systems Analyst 4	0.76	0.96	<b>0.96</b>	71,249 - 86,311	82,844
20000377	Information Systems Technician	0.50	0.50	<b>0.50</b>	45,444 - 54,769	27,384
20000497	Irrigation Specialist	0.00	0.00	<b>2.00</b>	40,351 - 48,301	88,300
20000590	Laboratory Technician	8.00	8.10	<b>8.10</b>	46,583 - 60,516	454,700
90000589	Laborer - Hourly	2.00	2.00	<b>2.00</b>	31,134 - 37,086	71,120
90001073	Management Intern - Hourly	2.70	2.70	<b>2.70</b>	25,913 - 31,155	76,868
20000624	Marine Biologist 2	0.00	0.17	<b>0.17</b>	61,623 - 80,565	11,916
20000634	Organization Effectiveness Specialist 2	0.74	0.74	<b>0.18</b>	57,691 - 69,723	10,379
20000627	Organization Effectiveness Specialist 3	0.36	0.36	<b>0.36</b>	63,342 - 76,578	25,190
20000639	Organization Effectiveness Supervisor	0.18	0.18	<b>0.18</b>	71,249 - 86,311	15,539
20000667	Painter	0.00	0.69	<b>0.00</b>	44,391 - 53,308	-
20000680	Payroll Specialist 2	1.80	2.05	<b>2.05</b>	38,783 - 49,160	93,480
20000173	Payroll Supervisor	0.36	0.41	<b>0.41</b>	44,477 - 56,537	22,633
20000701	Plant Process Control Electrician	8.00	8.00	<b>8.00</b>	55,370 - 66,479	492,186
20000703	Plant Process Control Supervisor	1.00	1.00	<b>1.23</b>	60,183 - 72,796	88,042
20000705	Plant Process Control Supervisor	6.18	6.18	<b>6.18</b>	60,183 - 72,796	437,268
20000689	Plant Technician 3	0.00	0.02	<b>0.02</b>	48,538 - 58,078	1,129
20000740	Principal Drafting Aide	0.74	1.10	<b>0.72</b>	53,351 - 64,610	43,733
20000743	Principal Engineering Aide	8.20	8.74	<b>7.95</b>	53,351 - 64,610	510,740
20000750	Principal Water Utility Supervisor	2.00	2.00	<b>2.00</b>	55,499 - 67,059	132,777
20001234	Program Coordinator	0.00	0.00	<b>0.69</b>	24,537 - 147,160	59,236
20001222	Program Manager	2.67	2.51	<b>3.88</b>	50,128 - 184,332	451,273
90001222	Program Manager - Hourly	0.35	0.00	<b>0.00</b>	50,128 - 184,332	-
20000760	Project Assistant	0.67	0.68	<b>0.68</b>	61,752 - 74,407	50,205
20000761	Project Officer 1	1.34	1.00	<b>1.00</b>	71,099 - 85,860	77,186
20000763	Project Officer 2	0.83	0.84	<b>0.84</b>	81,949 - 99,074	81,701

# Public Utilities

## Personnel Expenditures

Job Number	Job Title / Wages	FY2018 Budget	FY2019 Budget	FY2020 Proposed	Salary Range	Total
20000766	Project Officer 2	0.00	0.00	<b>0.78</b>	81,949 - 99,074	70,000
20000768	Property Agent	0.00	0.00	<b>0.35</b>	63,342 - 76,578	26,798
20000783	Public Information Clerk	0.36	0.46	<b>0.96</b>	33,605 - 40,459	37,087
20001150	Public Utilities Director	0.18	0.23	<b>0.23</b>	63,127 - 239,144	46,633
20000319	Pump Station Operator	5.00	5.00	<b>5.00</b>	46,411 - 55,392	276,960
20000320	Pump Station Operator Supervisor	1.00	1.00	<b>1.00</b>	50,880 - 60,699	60,699
20000560	Recycling Program Manager	0.00	0.23	<b>0.23</b>	81,885 - 99,117	22,431
20001042	Safety and Training Manager	0.54	0.69	<b>0.69</b>	71,249 - 86,311	58,484
20000847	Safety Officer	0.36	0.18	<b>0.36</b>	61,795 - 74,622	25,862
20000850	Safety Officer	0.00	0.23	<b>0.00</b>	61,795 - 74,622	-
20000854	Safety Representative 2	1.95	2.10	<b>1.92</b>	53,845 - 65,125	120,723
21000438	Security Officer	0.00	0.00	<b>0.23</b>	61,795 - 74,622	17,159
20000869	Senior Account Clerk	0.44	0.42	<b>0.42</b>	38,482 - 46,432	18,514
20000864	Senior Cashier	0.00	0.00	<b>0.50</b>	38,482 - 46,432	19,247
20000883	Senior Chemist	1.30	0.61	<b>0.61</b>	82,293 - 106,620	61,235
20000885	Senior Civil Engineer	2.44	2.44	<b>2.44</b>	81,949 - 99,074	241,733
20000890	Senior Civil Engineer	0.18	0.23	<b>0.23</b>	81,949 - 99,074	21,944
20000898	Senior Customer Services Representative	3.00	3.00	<b>3.00</b>	40,373 - 48,860	137,728
20000400	Senior Drafting Aide	1.26	0.90	<b>0.90</b>	47,399 - 57,304	49,706
20000900	Senior Engineering Aide	11.00	11.00	<b>11.00</b>	47,399 - 57,304	617,418
20000015	Senior Management Analyst	3.56	3.45	<b>4.55</b>	63,342 - 76,578	340,349
90000015	Senior Management Analyst - Hourly	0.05	0.00	<b>0.00</b>	63,342 - 76,578	-
20000918	Senior Planner	0.67	0.50	<b>0.85</b>	74,966 - 97,427	79,150
20000920	Senior Planner	0.18	0.18	<b>0.53</b>	74,966 - 97,427	49,340
20000708	Senior Plant Technician Supervisor	0.18	0.18	<b>0.18</b>	64,094 - 77,330	11,533
20000055	Senior Wastewater Plant Operator	0.00	0.04	<b>0.04</b>	60,334 - 72,151	2,424
20000914	Senior Water Utility Supervisor	13.00	13.00	<b>13.00</b>	50,386 - 60,978	737,010
20000950	Stock Clerk	0.33	1.48	<b>1.15</b>	32,079 - 38,718	44,215
90000950	Stock Clerk - Hourly	0.00	0.00	<b>0.23</b>	32,079 - 38,718	8,095
20000955	Storekeeper 1	0.33	1.02	<b>1.02</b>	36,935 - 44,305	44,273
20000956	Storekeeper 2	0.00	0.46	<b>0.92</b>	40,373 - 48,796	42,486
20000954	Storekeeper 3	0.00	0.23	<b>0.23</b>	42,479 - 51,095	10,997
20000313	Supervising Department Human Resources Analyst	0.36	0.36	<b>0.36</b>	71,249 - 86,311	28,368
20000995	Supervising Economist	0.23	0.05	<b>0.05</b>	71,249 - 86,311	4,319
20000990	Supervising Field Representative	0.50	0.50	<b>0.50</b>	39,685 - 47,743	23,872
20000970	Supervising Management Analyst	3.91	4.05	<b>5.55</b>	71,249 - 86,311	454,520
20000985	Supervising Management Analyst	0.00	0.00	<b>0.50</b>	71,249 - 86,311	43,150
20000997	Supervising Meter Reader	1.00	1.00	<b>1.00</b>	39,750 - 47,721	47,007
20000333	Supervising Wastewater Pretreatment Inspector	3.00	3.00	<b>3.52</b>	71,163 - 86,289	283,206
21000177	Trainer	1.58	1.58	<b>1.58</b>	57,691 - 69,723	103,374
20001041	Training Supervisor	0.56	0.56	<b>0.56</b>	63,342 - 76,578	41,811
20001051	Utility Worker 1	43.00	42.00	<b>42.00</b>	32,573 - 38,740	1,536,521
20000323	Wastewater Pretreatment Inspector 2	8.00	8.00	<b>8.52</b>	58,765 - 71,249	540,410
20000325	Wastewater Pretreatment Inspector 3	4.00	4.00	<b>4.00</b>	64,739 - 78,447	311,412

# Public Utilities

## Personnel Expenditures

Job Number	Job Title / Wages	FY2018 Budget	FY2019 Budget	FY2020 Proposed	Salary Range	Total
20000326	Wastewater Pretreatment Inspector 3	1.00	1.00	1.00	64,739 - 78,447	78,447
20000523	Wastewater Pretreatment Program Manager	1.00	1.00	1.00	77,867 - 94,476	94,476
20001063	Water Utility Supervisor	14.00	14.00	14.00	46,389 - 55,456	751,040
20001065	Water Utility Worker	31.00	31.00	31.00	35,560 - 42,328	1,245,541
20000756	Word Processing Operator	6.24	6.10	6.30	33,605 - 40,459	250,827
	Adjust Budget To Approved Levels					507,738
	Bilingual - Regular					26,523
	Budgeted Vacancy Savings					(1,887,000)
	Exceptional Performance Pay-Classified					7,275
	Exceptional Performance Pay-Unclassified					570
	Geographic Info Cert Pay					481
	Infrastructure In-Training Pay					63,636
	Night Shift Pay					30,132
	Overtime Budgeted					3,008,649
	Plant/Tank Vol Cert Pay					43,244
	Reg Pay For Engineers					101,111
	Sick Leave - Hourly					6,431
	Split Shift Pay					15,159
	Termination Pay Annual Leave					67,879
	Vacation Pay In Lieu					268,524
<b>FTE, Salaries, and Wages Subtotal</b>		<b>401.04</b>	<b>398.50</b>	<b>419.93</b>		<b>\$ 25,578,102</b>

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
<b>Fringe Benefits</b>				
Employee Offset Savings	\$ 97,885	\$ 109,204	\$ 104,893	(4,311)
Flexible Benefits	3,943,014	4,253,881	4,306,013	52,132
Long-Term Disability	-	-	-	-
Medicare	300,750	277,922	304,520	26,598
Other Post-Employment Benefits	2,082,652	2,225,962	2,296,208	70,246
Retiree Medical Trust	12,861	13,709	18,733	5,024
Retirement 401 Plan	7,812	8,022	7,997	(25)
Retirement ADC	8,527,849	8,622,223	8,614,695	(7,528)
Retirement DROP	80,837	82,081	86,068	3,987
Risk Management Administration	344,938	383,071	452,360	69,289
Supplemental Pension Savings Plan	1,293,984	1,284,467	1,446,328	161,861
Unemployment Insurance	32,416	33,326	33,770	444
Workers' Compensation	593,941	548,260	636,127	87,867
<b>Fringe Benefits Subtotal</b>	<b>\$ 17,318,939</b>	<b>\$ 17,842,128</b>	<b>\$ 18,307,712</b>	<b>\$ 465,584</b>
<b>Total Personnel Expenditures</b>			<b>\$ 43,885,814</b>	

# Public Utilities

## Sewer Utility - AB 1600 Fund

### Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Revised Revenue</b>	0.00 \$	- \$	1,190,000
Adjustment to reflect revised revenue projections.			
<b>Total</b>	<b>0.00 \$</b>	<b>- \$</b>	<b>1,190,000</b>

### Revenues by Category

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
Charges for Services	\$ 19,544,959	\$ 16,310,000	\$ 17,500,000	\$ 1,190,000
Rev from Money and Prop	516,587	-	-	-
<b>Total</b>	<b>\$ 20,061,546</b>	<b>\$ 16,310,000</b>	<b>\$ 17,500,000</b>	<b>\$ 1,190,000</b>

## Water Utility - AB 1600 Fund

### Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Revised Revenue</b>	0.00 \$	- \$	2,250,000
Adjustment to reflect revised revenue projections.			
<b>Total</b>	<b>0.00 \$</b>	<b>- \$</b>	<b>2,250,000</b>

### Revenues by Category

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
Charges for Services	\$ 17,543,421	\$ 12,150,000	\$ 14,400,000	\$ 2,250,000
Rev from Money and Prop	92,888	-	-	-
<b>Total</b>	<b>\$ 17,636,309</b>	<b>\$ 12,150,000</b>	<b>\$ 14,400,000</b>	<b>\$ 2,250,000</b>

## Water Utility Operating Fund

### Department Expenditures

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
Public Utilities	\$ 487,518,439	\$ 542,646,439	\$ 569,775,574	\$ 27,129,135
<b>Total</b>	<b>\$ 487,518,439</b>	<b>\$ 542,646,439</b>	<b>\$ 569,775,574</b>	<b>\$ 27,129,135</b>

### Department Personnel

	FY2018 Budget	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
Public Utilities	791.02	784.18	804.03	19.85
<b>Total</b>	<b>791.02</b>	<b>784.18</b>	<b>804.03</b>	<b>19.85</b>

# Public Utilities

## Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Non-Discretionary Adjustment</b> Adjustment to expenditure allocations that are determined outside of the department's direct control. These allocations are generally based on prior year expenditure trends and examples of these include utilities, insurance, and rent.	0.00	\$ 20,570,180	\$ -
<b>Water Operations - Construction and Maintenance Division Support</b> Addition of 25.00 FTE positions to support the Water Operations - Construction and Maintenance Division.	25.00	2,136,913	-
<b>Water Resource Protection and Reliability Initiatives</b> Addition of non-personnel expenditures for water resource protection and reliability initiatives.	0.00	1,775,000	-
<b>Maintenance and Support of Reservoirs</b> Addition of non-personnel expenditures to support continued maintenance work at the nine City reservoirs.	0.00	1,750,000	-
<b>Salary and Benefit Adjustments</b> Adjustments to reflect savings resulting from vacant positions for any period of the fiscal year, retirement contributions, retiree health contributions, and labor negotiations.	0.00	1,732,901	-
<b>Water Systems Operations Division Support</b> Addition of 19.00 FTE positions to support the Water System Operations Division.	19.00	1,521,244	-
<b>Public Utilities Reorganization Personnel Additions</b> Addition of 14.57 FTE positions to support the reorganization of water and wastewater operations within the department.	14.57	1,354,914	-
<b>Miramar Water Treatment Plant Maintenance</b> Addition of non-personnel expenditures to support maintenance at the Miramar Water Treatment Plant.	0.00	1,305,000	-
<b>Facility Upgrades and Security Services</b> Addition of non-personnel expenditures for facility upgrades and enhanced security services at various Public Utilities Department facilities.	0.00	967,240	-
<b>Water Construction Maintenance Equipment</b> Addition of non-personnel expenditures for water construction maintenance equipment.	0.00	955,000	-
<b>Support for Information Technology</b> Adjustment to expenditure allocations according to a zero-based annual review of information technology funding requirements.	0.00	821,873	-
<b>Water Systems Operations Equipment</b> Addition of one-time non-personnel expenditures for water systems operations equipment to comply with state and federal standards.	0.00	778,000	-
<b>Pump Inspections and Maintenance</b> Addition of non-personnel expenditures related to pump inspections and maintenance.	0.00	775,000	-
<b>Watershed and Resource Protection Initiatives</b> Addition of non-personnel expenditures for watershed and resource protection initiatives.	0.00	750,000	-
<b>Rate Consultant Services</b> Addition of non-personnel expenditures for consultant services necessary to review cost of service studies and to evaluate water and wastewater rates.	0.00	494,285	-



# Public Utilities

## Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Facilities Maintenance Support</b> Addition of non-personnel expenditures to support building maintenance staff services.	0.00	460,387	-
<b>Pension Payment Stabilization Reserve</b> Addition of one-time non-personnel expenditures to replenish the Pension Payment Stabilization Reserve at 40% of the required level.	0.00	457,650	-
<b>Alvarado Water Treatment Plant Maintenance</b> Addition of non-personnel expenditures to support maintenance at the Alvarado Water Treatment Plant.	0.00	415,000	-
<b>MyWaterEasy Customer Support</b> Addition of non-personnel expenditures to support credit card payment processing fees through MyWaterEasy.	0.00	400,000	-
<b>Supply Chain Warehouse Facilities</b> Addition of both one-time and on-going non-personnel expenditures to support supply chain warehouse facilities.	0.00	356,730	-
<b>Addition of Assistant Chemist</b> Addition of 0.50 Assistant Chemist and associated non-personnel expenditures to provide analytical lab support for the Pure Water program.	0.50	351,992	-
<b>Management of Rural Water Fund Land Assets</b> Addition of non-personnel expenditures for the management of rural Water Fund land assets.	0.00	290,000	-
<b>Demo Public Works Facility and Pump Station 64 Personnel</b> Addition of 1.00 Plant Process Control Supervisor, 1.00 Instrumentation and Control Supervisor, and 1.00 Plant Technician Supervisor to support the Demo Public Works Facility and maintenance of Pump Station 64.	3.00	284,563	-
<b>Integrated Regional Water Management Grant</b> Addition of non-personnel expenditures for Integrated Regional Water Management Grant rebates.	0.00	275,000	-
<b>Enterprise Asset Management System Support</b> Addition of 0.47 Plant Process Control Supervisor and 1.41 Program Coordinator to support the Enterprise Asset Management system.	1.88	212,164	-
<b>Water Conservation Rebate Program</b> Addition of non-personnel expenditures to support the water conservation rebate program.	0.00	200,000	-
<b>Water Transmission Maintenance</b> Addition of non-personnel expenditures to prevent corrosion of water transmission mains to prevent water main breaks, water loss, and property damage.	0.00	200,000	-
<b>Laboratory Supplies and Certification Fees</b> Addition of non-personnel expenditures for needed laboratory supplies, equipment, and facility improvements and to maintain industry required certifications to continue performing scientific and technical analyses.	0.00	199,468	-
<b>Regular Rate of Pay</b> Addition of personnel expenditures associated with the cash payments in lieu of health benefits provided to employees as required by the recent Flores legal case.	0.00	188,040	-

# Public Utilities

## Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Government Affairs Support</b> Addition of non-personnel expenditures for the reimbursement of work performed by the Government Affairs Department on water and wastewater related policy issues.	0.00	171,834	-
<b>Associate Department Human Resources Analyst</b> Addition of 1.41 Associate Department Human Resources Analyst in support of hiring, performance management, and Occupational Health Services (OHS).	1.41	130,658	-
<b>Industrial Wastewater Control Program Positions</b> Addition of 1.25 FTE positions to maintain industry required certifications to continue performing scientific and technical analyses.	1.25	119,094	-
<b>Addition of Assistant Deputy Director</b> Addition of 1.00 Assistant Deputy Director to support the Water System Operations Division.	1.00	116,606	-
<b>Otay Water Treatment Plant Maintenance</b> Addition of non-personnel expenditures to support maintenance of the Otay Water Treatment Plant.	0.00	110,000	-
<b>Cost Allocation of Branch Management Expense</b> Addition of non-personnel expenditures associated with the cost allocation of branch management expenditures to non-general fund departments.	0.00	95,096	-
<b>Supply Chain and Inventory Expansion Support</b> Addition of 0.94 Storekeeper 2 and associated personnel expenditures to support inventory expansion and improve procurement processes across the department.	0.94	83,636	-
<b>Invasive Plant Control Program</b> Addition of non-personnel expenditures for the Invasive Plant Control Program.	0.00	82,000	-
<b>Feral Pig Control</b> Addition of non-personnel expenditures for feral pig control at various Public Utilities Department reservoir catchments and backcountry lands.	0.00	50,000	-
<b>Non-Standard Hour Personnel Funding</b> Funding allocated according to a zero-based annual review of hourly funding requirements.	(3.40)	(122,934)	-
<b>Facilities Maintenance Consolidation</b> Transfer of 3.50 FTE positions and associated non-personnel expenditures from the Public Utilities Department to the Public Works – Facilities Services Department for centralization of facilities maintenance functions.	(3.50)	(354,064)	-
<b>One-Time Additions and Annualizations</b> Adjustment to reflect one-time revenues and expenditures, and the annualization of revenues and expenditures, implemented in Fiscal Year 2019.	0.00	(457,306)	(179,437)
<b>Public Utilities Reorganization</b> Reallocation among funds associated with moving Long Range Planning Division functions to other divisions to increase efficiency and support the reorganization of water and wastewater operations within the department.	(18.13)	(1,846,256)	-
<b>Public Utilities Reorganization Personnel Reductions</b> Reduction of 23.67 FTE positions to support the reorganization of water and wastewater operations within the department.	(23.67)	(2,153,874)	-

# Public Utilities

## Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Reduction of Non-Personnel Expenditures</b>	0.00	(10,873,899)	-
Reduction of non-personnel expenditures based on historical budgetary savings in contractual services and water purchases.			
<b>Revised Revenue</b>	0.00	-	302,302,000
Adjustment to reflect revised revenue projections related to service charges, reclaimed water rates charged to wholesale customers, potable water rates, State Revolving Fund loan reimbursements, bond proceeds and additional funding mechanisms for CIP baseline projects and Pure Water Program projects.			
<b>Revised Revenue</b>	0.00	-	(2,822,200)
Adjustment to reflect revised revenue projections.			
<b>Total</b>	<b>19.85 \$</b>	<b>27,129,135 \$</b>	<b>299,300,363</b>

## Expenditures by Category

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
<b>PERSONNEL</b>				
Personnel Cost	\$ 43,248,321	\$ 46,598,091	\$ 49,649,834	3,051,743
Fringe Benefits	34,622,923	34,228,953	34,541,338	312,385
<b>PERSONNEL SUBTOTAL</b>	<b>77,871,243</b>	<b>80,827,044</b>	<b>84,191,172</b>	<b>3,364,128</b>
<b>NON-PERSONNEL</b>				
Supplies	\$ 211,264,931	\$ 248,247,328	\$ 248,880,868	633,540
Contracts	108,495,923	112,542,365	113,670,477	1,128,112
Information Technology	5,658,113	7,492,841	8,314,714	821,873
Energy and Utilities	13,534,863	14,409,864	15,968,264	1,558,400
Other	2,750,308	2,893,335	3,165,758	272,423
Contingencies	-	3,500,000	3,500,000	-
Transfers Out	67,214,900	70,175,663	88,244,103	18,068,440
Capital Expenditures	1,014,299	2,347,365	3,564,553	1,217,188
Debt	(286,142)	210,634	275,665	65,031
<b>NON-PERSONNEL SUBTOTAL</b>	<b>409,647,196</b>	<b>461,819,395</b>	<b>485,584,402</b>	<b>23,765,007</b>
<b>Total</b>	<b>\$ 487,518,439 \$</b>	<b>\$ 542,646,439 \$</b>	<b>\$ 569,775,574 \$</b>	<b>\$ 27,129,135</b>

## Revenues by Category

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
Charges for Services	\$ 566,184,899	\$ 555,532,191	\$ 605,822,191	50,290,000
Other Revenue	126,433,761	93,607,200	330,643,200	237,036,000
Rev from Federal Agencies	2,856,000	90,000	-	(90,000)
Rev from Money and Prop	9,022,788	6,438,000	6,238,000	(200,000)
Rev from Other Agencies	4,227,400	74,500	-	(74,500)
Transfers In	13,541,503	40,801,037	53,139,900	12,338,863
<b>Total</b>	<b>\$ 722,266,351 \$</b>	<b>\$ 696,542,928 \$</b>	<b>\$ 995,843,291 \$</b>	<b>\$ 299,300,363</b>

## Personnel Expenditures

Job Number	Job Title / Wages	FY2018 Budget	FY2019 Budget	FY2020 Proposed	Salary Range	Total
<b>FTE, Salaries, and Wages</b>						
20000007	Accountant 3	0.49	0.49	0.59	\$ 68,090 - 88,488	50,384
20000102	Accountant 4	0.49	0.49	0.49	76,599 - 109,715	48,270
90000102	Accountant 4 - Hourly	0.17	0.17	0.17	82,344 - 109,715	15,756
20000011	Account Clerk	4.80	5.40	5.73	33,605 - 40,459	223,248

# Public Utilities

## Personnel Expenditures

Job Number	Job Title / Wages	FY2018 Budget	FY2019 Budget	FY2020 Proposed	Salary Range	Total
20000012	Administrative Aide 1	3.37	3.44	<b>3.44</b>	39,449 - 47,528	151,047
20000024	Administrative Aide 2	14.75	14.70	<b>13.41</b>	45,444 - 54,769	696,774
20000057	Assistant Chemist	15.00	15.06	<b>15.56</b>	61,687 - 80,565	1,168,422
20000058	Assistant Customer Services Supervisor	0.50	0.50	<b>0.50</b>	53,544 - 64,524	31,617
20001140	Assistant Department Director	1.48	1.44	<b>1.91</b>	33,863 - 185,643	266,711
20001202	Assistant Deputy Director	1.00	1.00	<b>3.00</b>	24,537 - 147,160	294,407
20000070	Assistant Engineer-Civil	26.23	23.42	<b>23.12</b>	61,752 - 74,407	1,580,405
21000176	Assistant Engineer-Corrosion	1.00	1.00	<b>1.00</b>	61,752 - 74,407	74,407
20000087	Assistant Engineer-Mechanical	0.23	0.23	<b>0.23</b>	61,752 - 74,407	16,086
20000041	Assistant Management Analyst	0.49	0.47	<b>0.47</b>	47,463 - 57,691	27,117
20001228	Assistant Metropolitan Wastewater Director	0.49	0.47	<b>0.47</b>	33,863 - 185,643	72,718
20000109	Assistant Reservoir Keeper	8.00	8.00	<b>8.00</b>	37,279 - 44,455	344,987
20000140	Associate Chemist	6.25	6.79	<b>6.79</b>	71,120 - 92,576	587,249
20000311	Associate Department Human Resources Analyst	0.98	0.94	<b>2.35</b>	57,691 - 69,723	154,858
20000143	Associate Engineer-Civil	22.24	18.80	<b>18.40</b>	71,099 - 85,860	1,520,939
20000145	Associate Engineer-Civil	1.97	1.92	<b>1.92</b>	71,099 - 85,860	156,286
90000143	Associate Engineer-Civil - Hourly	0.00	0.35	<b>0.35</b>	71,099 - 85,860	27,344
20000350	Associate Engineer-Corrosion	2.00	2.00	<b>2.00</b>	71,099 - 85,860	171,720
20000150	Associate Engineer-Electrical	0.46	1.46	<b>1.46</b>	71,099 - 85,860	124,076
20000154	Associate Engineer-Mechanical	0.23	0.23	<b>0.23</b>	71,099 - 85,860	19,752
20000119	Associate Management Analyst	22.32	22.16	<b>20.07</b>	57,691 - 69,723	1,273,905
20000132	Associate Management Analyst	0.49	0.49	<b>0.00</b>	57,691 - 69,723	-
20000134	Associate Management Analyst	0.49	0.47	<b>0.47</b>	57,691 - 69,723	25,741
90000119	Associate Management Analyst - Hourly	0.22	0.00	<b>0.00</b>	57,691 - 69,723	-
20000162	Associate Planner	2.20	2.76	<b>1.60</b>	65,061 - 84,515	124,557
20000655	Biologist 2	8.00	7.27	<b>7.27</b>	57,326 - 69,723	505,138
20000648	Biologist 3	3.25	3.75	<b>2.75</b>	66,157 - 80,101	198,867
20000649	Biologist 3	0.42	0.76	<b>0.00</b>	66,157 - 80,101	-
20000201	Building Maintenance Supervisor	0.49	0.49	<b>0.00</b>	66,006 - 79,822	-
20000205	Building Service Supervisor	0.33	0.80	<b>0.00</b>	48,796 - 59,002	-
20000224	Building Service Technician	1.33	0.80	<b>0.00</b>	35,560 - 42,328	-
20000231	Cal-ID Technician	0.00	0.00	<b>0.57</b>	38,718 - 46,647	22,065
20000234	Carpenter	1.00	1.00	<b>1.00</b>	46,368 - 55,499	55,499
20000266	Cashier	2.50	2.50	<b>2.00</b>	33,605 - 40,459	80,514
20000236	Cement Finisher	1.00	1.00	<b>1.00</b>	49,848 - 64,235	61,994
20000539	Clerical Assistant 2	9.47	8.95	<b>7.98</b>	31,929 - 38,482	299,864
20000306	Code Compliance Officer	5.56	6.56	<b>3.00</b>	39,728 - 47,807	134,625
20000307	Code Compliance Supervisor	1.00	1.00	<b>1.00</b>	45,766 - 54,769	54,769
20000829	Compliance and Metering Manager	1.00	1.00	<b>1.00</b>	78,382 - 94,798	78,382
20000545	Contracts Processing Clerk	0.49	0.47	<b>0.47</b>	35,173 - 42,479	19,572
20000801	Customer Information and Billing Manager	1.00	1.00	<b>1.00</b>	78,382 - 94,798	94,798

# Public Utilities

## Personnel Expenditures

Job Number	Job Title / Wages	FY2018 Budget	FY2019 Budget	FY2020 Proposed	Salary Range	Total
20000369	Customer Services Representative	22.50	22.75	<b>22.25</b>	35,173 - 42,479	909,284
90000369	Customer Services Representative - Hourly	2.00	2.20	<b>2.20</b>	35,173 - 42,479	84,660
20000366	Customer Services Supervisor	2.00	2.00	<b>2.00</b>	61,666 - 74,472	141,791
20001168	Deputy Director	6.19	6.00	<b>5.57</b>	50,128 - 184,332	722,116
20000395	District Manager	0.00	0.00	<b>1.00</b>	66,543 - 80,273	73,183
20000434	Electronics Technician	0.49	0.49	<b>0.49</b>	50,257 - 60,334	29,126
21000451	Environmental Biologist 3	0.00	0.00	<b>0.76</b>	71,120 - 92,576	65,361
20000430	Equipment Operator 2	11.00	11.00	<b>13.00</b>	44,133 - 52,771	664,767
20000418	Equipment Technician 1	13.00	11.00	<b>9.00</b>	38,418 - 46,024	410,533
20000423	Equipment Technician 2	1.00	1.00	<b>1.00</b>	42,156 - 50,257	50,257
20000924	Executive Assistant	0.49	0.47	<b>0.47</b>	46,475 - 56,208	25,476
20000461	Field Representative	22.45	21.00	<b>20.50</b>	34,486 - 41,533	822,768
90000461	Field Representative - Hourly	1.63	3.78	<b>0.13</b>	34,486 - 41,533	4,947
20000184	Fleet Parts Buyer	0.00	0.47	<b>0.47</b>	47,635 - 57,691	27,117
20000822	Golf Course Manager	2.00	2.00	<b>2.00</b>	63,471 - 76,578	143,830
20000501	Heavy Truck Driver 2	1.00	1.00	<b>1.00</b>	40,094 - 48,344	48,344
20000513	Hydrography Aide	1.00	0.00	<b>0.00</b>	45,379 - 54,683	-
20000178	Information Systems Administrator	0.47	0.47	<b>0.00</b>	78,404 - 94,948	-
20000290	Information Systems Analyst 2	3.32	3.38	<b>3.38</b>	57,691 - 69,723	222,949
20000293	Information Systems Analyst 3	3.79	3.86	<b>3.86</b>	63,342 - 76,578	295,596
20000998	Information Systems Analyst 4	1.88	1.92	<b>1.92</b>	71,249 - 86,311	165,732
20000999	Information Systems Analyst 4	1.00	1.00	<b>1.00</b>	71,249 - 86,311	86,311
20000377	Information Systems Technician	0.50	0.50	<b>0.50</b>	45,444 - 54,769	27,385
20000514	Instrumentation and Control Supervisor	1.00	1.00	<b>2.00</b>	60,183 - 72,796	137,626
20000515	Instrumentation and Control Technician	8.00	8.00	<b>8.00</b>	55,370 - 66,479	527,511
20000497	Irrigation Specialist	4.67	5.00	<b>2.00</b>	40,351 - 48,301	88,279
20000590	Laboratory Technician	10.00	10.00	<b>10.00</b>	46,583 - 60,516	550,586
90000589	Laborer - Hourly	8.00	8.52	<b>8.52</b>	31,134 - 37,086	289,059
90000579	Lake Aide 1 - Hourly	0.70	0.70	<b>0.70</b>	25,053 - 29,630	19,056
20000564	Lake Aide 2	12.00	12.00	<b>12.00</b>	29,458 - 34,872	405,229
20000616	Lakes Program Manager	1.00	1.00	<b>1.00</b>	78,404 - 94,905	84,994
90001073	Management Intern - Hourly	9.47	7.42	<b>7.42</b>	25,913 - 31,155	211,244
20000624	Marine Biologist 2	0.00	0.27	<b>0.27</b>	61,623 - 80,565	18,914
20000622	Marine Mechanic	1.00	1.00	<b>1.00</b>	47,335 - 56,767	47,335
20000634	Organization Effectiveness Specialist 2	1.38	1.38	<b>0.49</b>	57,691 - 69,723	28,269
20000627	Organization Effectiveness Specialist 3	0.98	0.98	<b>0.98</b>	63,342 - 76,578	68,562
20000639	Organization Effectiveness Supervisor	0.49	0.49	<b>0.49</b>	71,249 - 86,311	42,297
20000667	Painter	0.00	1.41	<b>0.00</b>	44,391 - 53,308	-
20000680	Payroll Specialist 2	4.90	4.80	<b>4.80</b>	38,783 - 49,160	217,935
20000173	Payroll Supervisor	0.98	0.96	<b>0.96</b>	44,477 - 56,537	52,982
20000701	Plant Process Control Electrician	5.00	5.00	<b>7.00</b>	55,370 - 66,479	421,701
20000703	Plant Process Control Supervisor	2.00	2.57	<b>8.47</b>	60,183 - 72,796	561,848

# Public Utilities

## Personnel Expenditures

Job Number	Job Title / Wages	FY2018 Budget	FY2019 Budget	FY2020 Proposed	Salary Range	Total
20000705	Plant Process Control Supervisor	2.49	2.49	<b>2.49</b>	60,183 - 72,796	178,710
20000689	Plant Technician 3	0.00	0.00	<b>6.00</b>	48,538 - 58,078	289,808
20000706	Plant Technician Supervisor	0.00	0.00	<b>1.00</b>	56,208 - 67,059	61,430
21000184	Principal Backflow & Cross Connection Specialist	1.78	3.00	<b>3.00</b>	53,351 - 64,610	178,202
20000740	Principal Drafting Aide	1.38	2.36	<b>1.96</b>	53,351 - 64,610	119,087
20000743	Principal Engineering Aide	6.12	4.73	<b>2.73</b>	53,351 - 64,610	176,387
20000746	Principal Engineering Aide	2.00	0.00	<b>0.00</b>	53,351 - 64,610	-
21000350	Principle Corrosion Engineering Aide	0.00	2.00	<b>2.00</b>	53,351 - 64,610	128,344
20001234	Program Coordinator	0.00	0.00	<b>2.41</b>	24,537 - 147,160	282,371
20001222	Program Manager	8.58	7.67	<b>6.84</b>	50,128 - 184,332	795,140
20000760	Project Assistant	0.21	0.87	<b>0.87</b>	61,752 - 74,407	63,640
20000761	Project Officer 1	0.42	0.76	<b>0.76</b>	71,099 - 85,860	58,667
20000763	Project Officer 2	0.44	1.10	<b>1.10</b>	81,949 - 99,074	106,295
20000766	Project Officer 2	1.78	1.50	<b>1.49</b>	81,949 - 99,074	138,736
20000768	Property Agent	0.89	1.00	<b>0.42</b>	63,342 - 76,578	32,163
20000783	Public Information Clerk	1.87	1.94	<b>1.44</b>	33,605 - 40,459	54,668
20001150	Public Utilities Director	0.49	0.47	<b>0.47</b>	63,127 - 239,144	95,295
20000373	Ranger/Diver 1	3.00	3.00	<b>3.00</b>	48,087 - 58,593	171,397
90000373	Ranger/Diver 1 - Hourly	0.35	0.00	<b>0.00</b>	48,087 - 58,593	-
20000375	Ranger/Diver 2	2.00	2.00	<b>2.00</b>	52,771 - 64,388	128,138
20000376	Ranger/Diver Supervisor	1.00	1.00	<b>1.00</b>	57,906 - 70,703	58,195
20000559	Recycling Program Manager	0.89	0.00	<b>0.00</b>	81,885 - 99,117	-
20000560	Recycling Program Manager	0.00	0.47	<b>0.47</b>	81,885 - 99,117	45,831
20000840	Reservoir Keeper	8.00	8.00	<b>8.00</b>	42,693 - 51,030	395,806
20001042	Safety and Training Manager	1.47	1.41	<b>1.41</b>	71,249 - 86,311	119,548
20000847	Safety Officer	0.98	0.49	<b>0.98</b>	61,795 - 74,622	70,379
20000850	Safety Officer	0.00	0.47	<b>0.00</b>	61,795 - 74,622	-
20000854	Safety Representative 2	4.74	4.68	<b>4.19</b>	53,845 - 65,125	263,232
21000438	Security Officer	0.00	0.00	<b>0.47</b>	61,795 - 74,622	35,073
20000869	Senior Account Clerk	0.80	0.90	<b>0.90</b>	38,482 - 46,432	39,665
21000183	Senior Backflow & Cross Connection Specialist	12.45	7.00	<b>7.00</b>	47,399 - 57,304	382,812
20000828	Senior Biologist	0.50	0.50	<b>0.50</b>	76,578 - 92,263	46,131
20000864	Senior Cashier	0.00	0.00	<b>0.50</b>	38,482 - 46,432	19,235
20000883	Senior Chemist	1.25	1.36	<b>1.36</b>	82,293 - 106,620	138,203
20000885	Senior Civil Engineer	4.69	3.80	<b>3.80</b>	81,949 - 99,074	374,999
20000890	Senior Civil Engineer	0.49	0.47	<b>0.47</b>	81,949 - 99,074	44,825
21000185	Senior Corrosion Specialist	1.00	1.00	<b>1.00</b>	81,949 - 99,074	99,074
20000898	Senior Customer Services Representative	3.00	3.00	<b>3.00</b>	40,373 - 48,860	137,725
20000400	Senior Drafting Aide	3.43	2.45	<b>2.45</b>	47,399 - 57,304	135,381
20000015	Senior Management Analyst	11.95	11.48	<b>10.83</b>	63,342 - 76,578	799,334
90000015	Senior Management Analyst - Hourly	0.22	0.00	<b>0.00</b>	63,342 - 76,578	-
20000918	Senior Planner	1.99	2.38	<b>0.80</b>	74,966 - 97,427	74,301
20000920	Senior Planner	1.38	1.49	<b>0.91</b>	74,966 - 97,427	84,979
20000708	Senior Plant Technician Supervisor	1.49	1.49	<b>1.49</b>	64,094 - 77,330	106,415
21000178	Senior Water Distribution Operations Supervisor	1.00	2.00	<b>2.00</b>	82,486 - 99,783	180,772
20001060	Senior Water Operations Supervisor	3.00	3.57	<b>3.00</b>	82,486 - 99,783	290,953
20000950	Stock Clerk	0.33	2.68	<b>2.35</b>	32,079 - 38,718	90,358
90000950	Stock Clerk - Hourly	0.00	0.00	<b>0.25</b>	32,079 - 38,718	8,799
20000955	Storekeeper 1	0.33	1.74	<b>1.74</b>	36,935 - 44,305	75,860

# Public Utilities

## Personnel Expenditures

Job Number	Job Title / Wages	FY2018 Budget	FY2019 Budget	FY2020 Proposed	Salary Range	Total
20000956	Storekeeper 2	0.00	0.94	<b>1.88</b>	40,373 - 48,796	86,831
20000954	Storekeeper 3	0.00	0.47	<b>0.47</b>	42,479 - 51,095	22,468
90000964	Student Engineer - Hourly	1.84	1.46	<b>1.46</b>	28,491 - 34,163	44,198
20001006	Supervising Cal-ID Technician	0.00	0.00	<b>0.57</b>	44,391 - 53,630	25,298
20000313	Supervising Department Human Resources Analyst	0.98	0.98	<b>0.98</b>	71,249 - 86,311	77,208
20000995	Supervising Economist	0.36	0.90	<b>0.90</b>	71,249 - 86,311	77,684
20000990	Supervising Field Representative	1.39	1.50	<b>1.50</b>	39,685 - 47,743	71,614
20000970	Supervising Management Analyst	8.58	9.19	<b>8.80</b>	71,249 - 86,311	727,133
20000985	Supervising Management Analyst	0.89	1.00	<b>0.50</b>	71,249 - 86,311	43,161
20000997	Supervising Meter Reader	2.00	2.00	<b>2.00</b>	39,750 - 47,721	92,640
20000333	Supervising Wastewater Pretreatment Inspector	0.00	0.00	<b>0.25</b>	71,163 - 86,289	19,596
21000177	Trainer	3.44	3.44	<b>3.44</b>	57,691 - 69,723	224,285
20001041	Training Supervisor	0.89	0.89	<b>0.89</b>	63,342 - 76,578	66,677
20000323	Wastewater Pretreatment Inspector 2	0.00	0.00	<b>0.25</b>	58,765 - 71,249	16,158
20000317	Water Distribution Operations Supervisor	1.00	1.00	<b>1.00</b>	58,443 - 69,766	69,766
20000316	Water Distribution Operator	6.00	6.00	<b>6.00</b>	50,837 - 60,678	346,384
20001059	Water Operations Supervisor	3.00	3.00	<b>3.00</b>	72,603 - 86,762	244,826
20001061	Water Plant Operator	24.00	24.00	<b>24.00</b>	63,106 - 75,439	1,735,762
20000932	Water Production Superintendent	4.00	4.00	<b>4.00</b>	87,041 - 105,305	377,470
90000932	Water Production Superintendent - Hourly	0.35	0.35	<b>0.35</b>	87,041 - 105,305	33,600
20000006	Water Systems District Manager	3.00	3.00	<b>3.00</b>	66,694 - 80,166	240,498
20000003	Water Systems Technician 3	200.00	198.00	<b>221.00</b>	44,241 - 52,835	10,215,947
20000004	Water Systems Technician 4	54.00	51.00	<b>55.00</b>	50,837 - 60,678	3,253,836
20000005	Water Systems Technician Supervisor	18.00	18.00	<b>20.00</b>	58,443 - 69,766	1,368,956
20001058	Welder	2.00	2.00	<b>2.00</b>	47,335 - 56,767	113,534
20000756	Word Processing Operator	10.66	11.55	<b>8.57</b>	33,605 - 40,459	342,207
	Adjust Budget To Approved Levels					421,408
	AWWA WDP Cert Pay					29,224
	Backflow Cert					10,400
	Bilingual - Regular					33,822
	Budgeted Vacancy Savings					(2,873,103)
	Cross Connection Cert					9,360
	Emergency Medical Tech					25,734
	Exceptional Performance Pay-Classified					18,949
	Exceptional Performance Pay-Unclassified					1,832
	Geographic Info Cert Pay					1,309
	Infrastructure In-Training Pay					100,321
	Night Shift Pay					3,034
	Overtime Budgeted					4,265,511
	Plant/Tank Vol Cert Pay					21,036
	Reg Pay For Engineers					227,567
	Sick Leave - Hourly					18,725
	Split Shift Pay					103,934

# Public Utilities

## Personnel Expenditures

Job Number / Job Title / Wages	FY2018 Budget	FY2019 Budget	FY2020 Proposed	Salary Range	Total
Termination Pay Annual Leave					88,323
Vacation Pay In Lieu					370,540
Welding Certification					7,978
<b>FTE, Salaries, and Wages Subtotal</b>	<b>791.02</b>	<b>784.18</b>	<b>804.03</b>		<b>\$ 49,649,834</b>

	FY2018 Actual	FY2019 Budget	FY2020 Proposed	FY2019-2020 Change
<b>Fringe Benefits</b>				
Employee Offset Savings	\$ 204,358	\$ 204,678	\$ 186,088	(18,590)
Flexible Benefits	7,807,118	8,292,218	8,437,670	145,452
Long-Term Disability	11	-	-	-
Medicare	623,312	578,242	622,075	43,833
Other Post-Employment Benefits	4,152,262	4,335,433	4,512,640	177,207
Retiree Medical Trust	29,747	32,889	45,312	12,423
Retirement 401 Plan	27,760	23,652	22,671	(981)
Retirement ADC	17,178,907	16,207,803	15,380,700	(827,103)
Retirement DROP	177,418	181,612	168,104	(13,508)
Risk Management Administration	680,692	745,013	886,967	141,954
Supplemental Pension Savings Plan	2,599,622	2,655,845	3,000,705	344,860
Unemployment Insurance	68,063	69,724	68,244	(1,480)
Workers' Compensation	1,073,654	901,844	1,210,162	308,318
<b>Fringe Benefits Subtotal</b>	<b>\$ 34,622,923</b>	<b>\$ 34,228,953</b>	<b>\$ 34,541,338</b>	<b>\$ 312,385</b>
<b>Total Personnel Expenditures</b>			<b>\$ 84,191,172</b>	



# Public Utilities

## Revenue and Expense Statement (Non-General Fund)

Sewer Utility Funds	FY2018 <sup>1</sup> Actual	FY2019* Budget	FY2020 Proposed
<b>BEGINNING BALANCE AND RESERVES</b>			
Balance from Prior Year	\$ 71,437,472	\$ 1,857,011	\$ -
Pay-Go or Financing To Be Identified in Current / Future Fiscal Year(s) <sup>2</sup>	-	128,232,766	-
Encumbrances	76,910,940	-	80,917,559
Continuing Appropriation - CIP <sup>2</sup>	96,050,965	185,378,223	198,646,876
Capital Reserve	5,000,000	5,000,000	10,000,000
Operating Reserve / Contingency	48,279,555	46,017,835	48,279,555
Rate Stabilization Reserve	65,250,000	65,250,000	75,250,000
Pension Stabilization Reserve	1,693,461	-	429,065
<b>TOTAL BALANCE AND RESERVES</b>	<b>\$ 364,622,392</b>	<b>\$ 431,735,835</b>	<b>\$ 413,523,055</b>
<b>REVENUE</b>			
Charges for Services	\$ 388,422,728	\$ 382,906,622	\$ 383,056,022
Fines Forfeitures and Penalties	979,491	-	-
Other Revenue	782,962	100,000	100,000
Revenue from Federal Agencies	1,344,000	-	-
Revenue from Other Agencies	46,175	-	-
Revenue from Use of Money and Property	5,739,954	3,440,000	2,096,000
Transfers In	11,297,042	62,734,145	225,660,600
<b>TOTAL REVENUE</b>	<b>\$ 408,612,352</b>	<b>\$ 449,180,767</b>	<b>\$ 610,912,622</b>
<b>TOTAL BALANCE, RESERVES, AND REVENUE</b>	<b>\$ 773,234,744</b>	<b>\$ 880,916,602</b>	<b>\$ 1,024,435,677</b>
<b>CAPITAL IMPROVEMENTS PROGRAM (CIP) EXPENSE</b>			
CIP Expenditure	\$ 115,430,410	\$ 213,757,647	\$ 310,278,460
<b>TOTAL CIP EXPENSE</b>	<b>\$ 115,430,410</b>	<b>\$ 213,757,647</b>	<b>\$ 310,278,460</b>
<b>OPERATING EXPENSE</b>			
Personnel Expenses	\$ 49,828,277	\$ 55,313,223	\$ 59,965,860
Fringe Benefits	39,047,407	40,211,460	41,014,439
Supplies	23,555,229	26,425,395	26,811,928
Contracts	76,020,711	90,929,650	96,039,674
Information Technology	7,277,667	9,775,763	10,278,469
Energy and Utilities	19,938,361	22,193,976	22,036,075
Other Expenses	350,876	427,387	428,712
Transfers Out	110,814,996	110,325,437	106,853,542
Capital Expenditures	2,107,994	3,274,096	6,738,346
Debt Expenses	196,903	221,311	118,143
Department Contingency	-	3,500,000	3,500,000
<b>TOTAL OPERATING EXPENSE</b>	<b>\$ 329,138,423</b>	<b>\$ 362,597,698</b>	<b>\$ 373,785,188</b>
<b>TOTAL EXPENSE</b>	<b>\$ 444,568,833</b>	<b>\$ 576,355,345</b>	<b>\$ 684,063,648</b>
<b>RESERVES</b>			
Continuing Appropriation - CIP <sup>2</sup>	\$ 91,420,316	\$ 180,602,637	\$ 198,646,876
Encumbrances	80,917,559	-	-
Capital Reserve	5,000,000	10,000,000	10,000,000
Operating Reserve / Contingency	48,279,555	48,279,555	48,279,555

# Public Utilities

Sewer Utility Funds	FY2018 Actual	FY2019* Budget	FY2020 Proposed
Rate Stabilization Reserve	72,750,000	65,250,000	70,250,000
Pension Stabilization Reserve	-	429,065	945,545
<b>TOTAL RESERVES</b>	<b>\$ 298,367,430</b>	<b>\$ 304,561,257</b>	<b>\$ 328,121,976</b>
<b>BALANCE</b>	<b>\$ 30,298,481</b>	<b>\$ -</b>	<b>\$ 12,250,053</b>
<b>TOTAL BALANCE, RESERVES, AND EXPENSE</b>	<b>\$ 773,234,744</b>	<b>\$ 880,916,602</b>	<b>\$ 1,024,435,677</b>

\*At the time of publication, financial statements for Fiscal Year 2019 were not available. Therefore, the Fiscal Year 2019 Revenues, Expenditures, and Fund Balances reflect those amounts as published in the Fiscal Year 2019 Adopted Budget. Fiscal Year 2020 Beginning Fund Balance reflects the projected Fiscal Year 2019 Ending Fund Balance based on updated Revenue and Expenditure Projections for Fiscal Year 2019.

1. Fiscal Year 2018 Actual Revenues and Expenditures have been adjusted to reflect financial reporting statements and therefore will not match the Financial Summary and Schedules of this document.
2. Current and future capital projects will be funded from continuing appropriations and a variety of potential financing sources such as pay-go, commercial paper, State Revolving Fund loan(s), bonds, and grants.

# Public Utilities

## Revenue and Expense Statement (Non-General Fund)

Water Utility Funds	FY2018 Actual <sup>1</sup>	FY2019* Budget	FY2020 Proposed
<b>BEGINNING BALANCE AND RESERVES</b>			
Pay-Go or Financing To Be Identified in Current / Future Fiscal Year(s) 2	\$ 32,999,210	\$ -	\$ -
Encumbrances	110,528,424	-	188,284,719
Continuing Appropriation - CIP <sup>2</sup>	114,707,506	172,978,824	200,997,285
Capital Reserve	5,000,000	5,000,000	5,000,000
Operating Reserve / Contingency	40,107,594	40,107,594	40,107,594
Rate Stabilization Reserve	62,117,000	62,117,000	70,117,000
Secondary Purchase Reserve	14,343,541	15,228,629	16,149,744
Pension Stabilization Reserve	1,487,358	-	378,546
<b>TOTAL BALANCE AND RESERVES</b>	<b>\$ 381,290,633</b>	<b>\$ 295,432,047</b>	<b>\$ 521,034,888</b>
<b>REVENUE</b>			
Charges for Services	\$ 583,728,320	\$ 567,682,191	\$ 620,222,191
Other Revenue	127,014,530	93,607,200	330,643,200
Revenue from Federal Agencies	2,856,000	90,000	-
Revenue from Other Agencies	4,227,400	74,500	-
Revenue from Use of Money and Property	9,115,677	6,438,000	6,238,000
Transfers In	13,723,960	40,801,037	53,139,900
<b>TOTAL REVENUE</b>	<b>\$ 740,665,886</b>	<b>\$ 708,692,928</b>	<b>\$ 1,010,243,291</b>
<b>TOTAL BALANCE, RESERVES, AND REVENUE</b>	<b>\$ 1,121,956,519</b>	<b>\$ 1,004,124,975</b>	<b>\$ 1,531,278,179</b>
<b>CAPITAL IMPROVEMENTS PROGRAM (CIP) EXPENSE</b>			
CIP Expenditures	\$ 193,237,264	\$ 262,568,145	\$ 344,777,064
<b>TOTAL CIP EXPENSE</b>	<b>\$ 193,237,264</b>	<b>\$ 262,568,145</b>	<b>\$ 344,777,064</b>
<b>OPERATING EXPENSE</b>			
Personnel Expenses	\$ 43,248,321	\$ 46,598,091	\$ 49,649,834
Fringe Benefits	34,622,923	34,228,953	34,541,338
Supplies	211,269,251	248,247,328	248,880,868
Contracts	108,518,592	112,542,365	113,670,477
Information Technology	5,658,113	7,492,841	8,314,714
Energy and Utilities	13,534,863	14,409,864	15,968,264
Other Expenses	3,348,237	2,893,335	3,165,758
Transfers Out	66,616,971	70,175,663	88,244,103
Capital Expenditures	1,014,299	2,347,365	3,564,553
Debt Expenses	196,903	210,634	275,665
Department Contingency	-	3,500,000	3,500,000
<b>TOTAL OPERATING EXPENSE</b>	<b>\$ 488,028,473</b>	<b>\$ 542,646,439</b>	<b>\$ 569,775,574</b>
<b>TOTAL EXPENSE</b>	<b>\$ 681,265,737</b>	<b>\$ 805,214,584</b>	<b>\$ 914,552,638</b>
<b>RESERVES</b>			
Continuing Appropriation - CIP <sup>2</sup>	\$ 121,952,840	\$ 74,918,949	\$ 200,997,285
Encumbrances	188,284,719	-	188,284,719
Capital Reserve	5,000,000	5,000,000	5,000,000
Operating Reserve / Contingency	40,107,594	40,107,594	40,107,594

# Public Utilities

Water Utility Funds	FY2018 Actual	FY2019* Budget	FY2020 Proposed
Rate Stabilization Reserve	70,117,000	62,117,000	70,117,000
Secondary Purchase Reserve	15,228,629	16,388,302	16,149,744
Pension Stabilization Reserve	-	378,546	836,196
<b>TOTAL RESERVES</b>	<b>\$ 440,690,782</b>	<b>\$ 198,910,391</b>	<b>\$ 521,492,538</b>
<b>BALANCE</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 95,233,003</b>
<b>TOTAL BALANCE, RESERVES, AND EXPENSE</b>	<b>\$ 1,121,956,519</b>	<b>\$ 1,004,124,975</b>	<b>\$ 1,531,278,179</b>

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2. Current and future capital projects will be funded from continuing appropriations and a variety of potential financing sources such as pay-go, commercial paper, State Revolving Fund loan(s), Water Infrastructure Innovation Act loan(s), bonds, and grants.