

Alameda County Water District
Fremont, California

Adopted Budget

Fiscal Years 2019/20 & 2020/21



ALAMEDA COUNTY WATER DISTRICT
ADOPTED
BUDGET
FISCAL YEARS 2019/20 & 2020/21

June 24, 2019



**ALAMEDA COUNTY WATER DISTRICT
ADOPTED BUDGET
FISCAL YEARS 2019/20 & 2020/21
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June 24, 2019

Board of Directors
 Alameda County Water District
 43885 South Grimmer Boulevard
 Fremont, CA 94538

Dear Board of Directors:

Subject: Two Year Budget for Fiscal Years 2019/20 and 2020/21

I am pleased to present the Alameda County Water District’s (District) biennial budget for fiscal years (FYs) 2019/20 and 2020/21, as adopted by the Board of Directors (Board) on June 13, 2019. This budget has been developed to support the District’s core mission to provide a reliable supply of high quality water at a reasonable price to our customers and reflects the Board’s commitment to the District’s Five-Year Strategic Plan, which includes prudent and responsible financial practices in managing operating and capital costs, maintaining employee staffing levels, and addressing pension and other post-employment liabilities. In addition, the budget maintains compliance with all debt covenants and policy reserve targets.

Economic Outlook

The District’s service area covers approximately 105 square miles of the southern portion of Alameda County in the San Francisco Bay Area. Since its founding, the District has been a water conservation agency and is responsible for maintaining the groundwater supply in the Niles Cone Groundwater Basin. Since 1930, the District has also been a water distribution agency and produces, stores, treats and distributes water to a population of 356,160, as well as a diverse commercial, institutional, and industrial customer base, in the cities of Fremont, Newark, and Union City.

The Tri-City’s diverse economic base supports a healthy mix of large and small businesses and produces greater economic stability and less volatility than more specialized economies. As of April 2019, unemployment rates for the cities of Fremont, Newark, and Union City were 2.3%,

2.5%, and 2.7% respectively, which are lower than the State (3.9%), and on par with Alameda County (2.7%). Regionally, the Tri-City's unemployment rates are comparable to the City and County of San Francisco (2.1%) and the County of Santa Clara (2.3%). The District's customer base is anticipated to grow both in size and income. Last calendar year, population grew 0.6% to 232,532 for the City of Fremont, 3.3% to 48,712 for the City of Newark, and 1.2% to 74,916 for the City of Union City. The US Census Bureau data, as of July 1, 2018, estimated median household income of \$122,191 for the City of Fremont, \$96,817 for the City of Newark, and \$95,625 for the City of Union City.

Revenue

Total revenues are budgeted at \$149.0 million in FY 2019/20 and \$150.9 million in FY 2020/21. The District's largest revenue source is water revenue, which is budgeted at \$111.7 million in FY 2019/20 and \$116.7 million in FY 2020/21. The projected billed water demand for FY 2019/20 and FY 2020/21 is 34.0 million gallons per day (MGD), the same as FY 2018/19, as customers have maintained many of the water conservation habits adopted during the drought. To maintain the District's financial health, the Board previously adopted a rate increase of 4.0% effective March 1, 2020 to both the bimonthly service charge and the water consumption charge. The increase was necessary to sufficiently fund the District's operating and capital improvement programs, prudently pay down unfunded liabilities, and maintain appropriate reserves and debt service coverage as required by the District's financial policies. The Board also approved the new water shortage emergency stage rates to help ensure the District receives sufficient revenues to cover the cost of providing water service when consumption decreases due to a water shortage emergency, such as a drought.

The District's second largest revenue source is property tax proceeds, which is budgeted at \$10.9 million in FY 2019/20 and \$11.1 million in FY 2020/21. The District receives two types of property tax revenue: 1) A portion of the 1% ad valorem tax based on the assessed valuation of parcels within the District's service area, and 2) State Water Contract override tax that is collected to recover a portion of the cost of State Water Project deliveries that are used to replenish the Niles Cone Groundwater Basin. The budget reflects an increase to both property tax revenue types. Based on historical trends and the economic environment, property valuations are expected to continue to increase.

On February 7, 2019, the District approved the establishment of a new Facilities Renewal Fund (FRF) that is funded from the equity buy-in component of Facilities Connection Charges (FCC) revenues for the sole purpose to fund capital projects that refurbish or replace the District's existing facilities. The existing FCC incremental cost component revenues continue to be deposited into the Facilities Improvement Fund (FIF) for the sole purpose to fund the growth-related component of capital projects in the District's Capital Improvement Program (CIP). The FCC has increased due to the new equity buy-in charge and the net increase in the FCC is being phased-in over five years. The FCC-FIF is budgeted at \$3.5 million for FY 2019/20 and \$3.5 million for FY 2020/21. The FCC-FRF is budgeted at \$1.5 million in FY 2019/20 and \$1.6 million in FY 2020/21. These revenues represent the projected level of completed residential and non-residential development during the next two fiscal years.

Grants and Reimbursements are budgeted at \$12.4 million for FY 2019/20 and \$9.1 million for FY 2020/21. The District aggressively pursued grant funding opportunities and secured a \$5.0 million grant from the California Department of Fish and Wildlife and a \$5.4 million grant from the California Wildlife Conservation Board for the Rubber Dam No. 1 Fish Ladder and Shinn Pond Screen projects (\$4.0 million for FY 2019/20, \$4.0 million for FY 2020/21). Reimbursements from the Alameda County Flood Control and Conservation District are budgeted at \$8.1 million for FY 2019/20 and \$4.6 million for FY 2020/21. Other Revenues for the District are budgeted at \$0.8 million for FY 2019/20 and \$0.8 million for FY 2020/21.

Operating Expenses

Operating Expenses (excluding expense projects) are budgeted at \$101.1 million in FY 2019/20 and \$103.8 million in FY 2020/21. A significant operating expense addition for the next two fiscal years is the Board's prudent decision to reduce long-term costs by responsibly funding the District's pension and Other Post-Employment Benefits (OPEB) liabilities. As of the June 30, 2018 valuation date, the District's funded ratio for pension is 71.4% and OPEB is estimated at 49.2%. To fulfill the District's obligations for these benefits, the Board accelerated funding to meet a 15 year payoff schedule (June 30, 2032 end date). Payment amounts were calculated based on a 6.5% discount rate, resulting in an investment of \$7.2 million for FY 2019/20 and \$6.6 million for FY 2020/21. These investments are in addition to the District's annual normal contributions.

Purchased water expenses are budgeted at \$28.5 million for FY 2019/20 and \$28.4 million for FY 2020/21. The San Francisco Public Utilities Commission (SFPUC) proposed no change to its wholesale water rate for FY 2019/20 and FY 2020/21. SFPUC water purchases are budgeted at \$17.9 million for each of the next two fiscal years. State Water Project purchases are budgeted at \$9.6 million for FY 2019/20 and \$9.4 million in FY 2020/21, while Semitropic water is budgeted at \$1.0 million for each of the next two years.

The components of Operating Expenses include 1) direct Operations & Maintenance expenses (sources of supply, pumping, water treatment, transmission and distribution) budgeted at \$74.7 million for FY 2019/20 and \$75.8 million for FY 2020/21, 2) Administrative & General expenses budgeted at \$24.3 million for FY 2019/20 and \$26.4 million for FY 2020/21, 3) Customer Accounts expenses budgeted at \$2.3 million for FY 2019/20 and \$2.3 million for FY 2020/21, and 4) Delta Conveyance costs budgeted at \$0.8 million for FY 2019/20 and \$0.5 million for FY 2020/21. Additionally, the budget assumes employee vacancy savings budgeted at \$1.1 million in FY 2019/20 and \$1.1 million in FY 2020/21. The total Operating Expenses budget stays within the District's Financial Planning Model (FPM) projections used for rate development.

Expense Projects

Expense Projects for extraordinary expenses are budgeted at \$1.3 million in FY 2019/20 and \$1.4 million in FY 2020/21. The majority of these expenses reflect Board guidance regarding the water supply initiative studies, as well as IT Enterprise Software Upgrades for the District's customer service and accounting software systems: Cayenta and JD Edwards, respectively.

A high quality, reliable and resilient water supply is essential to meet the needs of District customers into the future and there are uncertainties about the reliability of the various water sources available to the District as well as future water demands. The District will need to closely monitor and manage the existing water supplies and evaluate the feasibility of developing new water supplies. Looking ahead, the Board has emphasized investment in cost-effective measures to address water supply uncertainty and to ensure water supply reliability for the Tri-City community. This budget includes the evaluation of initiatives such as Delta Conveyance (\$786,100 for FY 2019/20, \$459,100 for FY 2020/21), Los Vaqueros Reservoir Expansion (\$354,000 in FY 2019/20, \$600,000 for FY 2020/21), and a Joint Purified Water Feasibility Evaluation (\$567,000 in FY 2019/20, \$283,000 in FY 2020/21).

Capital Expenditures

The budget includes capital expenditures of \$46.1 million in FY 2019/20 and \$59.1 million in FY 2020/21. The District makes prudent investments in infrastructure replacement and seismic improvements to enhance system reliability. Significant near-term infrastructure investments in the 25 Year Capital Improvement Program (CIP) include the main replacement and seismic improvement program, small diameter main renewal program, Alameda Creek fish passage projects, and clean energy program implementation. Over half of the capital expenditures in the budget for the next two fiscal years reflect investments to improve the District's distribution system, water production facilities, and seismic reliability.

Key projects for FY 2019/20 include the Rubber Dam No. 1 Fish Ladder (\$9.4 million), the Alvarado Niles Pipeline Seismic Improvement Project (\$6.3 million), the Shinn Pond Fish Screen Project (\$4.6 million), the Main Renewal – Small Diameter Pipeline Renewal Project (\$2.3 million), the Service Line Emergency Replacement Program (\$1.8 million), the Rubber Dam No. 1 – Fabric Replacement, Control Building and Equipment Modification Project (\$1.5 million), and the Advanced Metering Infrastructure Project (AMI) (\$1.3 million).

Key projects for FY 2020/21 include the Rubber Dam No. 1 Fish Ladder (\$9.3 million), the AMI Project (\$8.9 million), the Alvarado Niles Pipeline Seismic Improvement Project (\$4.8 million), the Shinn Pond Fish Screen Project (\$4.6 million), the Main Renewal – MR3 Central Newark Project (\$2.3 million), the Main Renewal – Small Diameter Pipeline Renewal Project (\$1.9 million), the Service Line Emergency Replacement Program (\$1.8 million), the Avalon Tank Slope Stabilization Improvements Project (\$1.8 million), the Main Renewal – MR1 Driscoll Project (\$1.5 million), and the Rubber Dam No. 1 – Fabric Replacement, Control Building and Equipment Modification Project (\$1.5 million).

At the May 30, 2019 Board Workshop, the Board reviewed the AMI procurement and selection process, draft evaluation criteria, and provided guidance to staff. Staff anticipates awarding the contract and implementing the Proof of Concept in FY 2019/20, where approximately 2,800 operational meters with infrastructure, software and workflows will be put in place to ensure the District is prepared for full deployment. Full deployment to approximately 84,000 meters is anticipated to be completed over the next four fiscal years. The budget includes a \$14.5 million debt issuance to help fund the AMI project, with the remaining funds potentially coming from

the District's available reserve funds. The vehicle for the debt issuance is being evaluated and has not yet been determined.

Customer Jobs are budgeted at \$4.2 million for FY 2019/20 and \$4.2 million for FY 2020/21 to accommodate new developments and requested service-related improvements. The District's expenditures for Customer Jobs are reimbursed by the parties that receive benefits from those projects.

Debt Service

The District has three Water System Revenue Bonds outstanding: 2009 Refunding, Series 2012, and Series 2015. Annual debt service is \$6.4 million per year for FY 2019/20 and FY 2020/21. The debt service coverage ratio is projected to be 6.65 for FY 2019/20 and 6.49 for FY 2020/21, above the District's bond covenant requirement of 1.25 and debt service policy coverage target of 2.00. Higher debt service coverage helps maintain the District's AAA credit rating from Standard & Poor's and Aa1 credit rating from Moody's Investor Services.

The 2009 Water System Refunding Revenue Bonds will mature in FY 2019/20. The budget includes a \$14.5 million debt issuance in FY 2020/21 to fund approximately 50% of the AMI capital project costs, with the annual debt service payments included in the budget.

Staffing

The labor and benefit costs in the budget are consistent with recently completed labor negotiations with the District's two unions and the recently approved management/confidential/professional (M/C/P) employee compensation schedule. Consistent with these agreements, the budget includes 3.0% cost of living adjustments for FY 2019/20 and FY 2020/21 for both unions and M/C/P employees. Budgeted costs for active employee medical benefits are flat for both budget years as flex dollars allocated to active employees to purchase health insurance are capped at the 2017 level. Additionally, the District established a retiree health reimbursement plan for employees hired on or after January 1, 2019. Instead of a defined health care benefit in retirement, this program provides defined contributions to a retiree health reimbursement account for participating employees that can be used to pay for medical expenses in retirement. This provides greater cost certainty to the District, provides employees with increased flexibility, and is expected to assist in the attraction and retention of competent personnel.

The budget proposes to maintain the current staffing level of 233 authorized full-time equivalents (FTE) for both FY 2019/20 and FY 2020/21. Three (3) of these FTEs are Defined-Term positions to support the current workload in the Development Services Division (Construction Inspector I/II, Engineering Technician I/II) as a result of increased development activities in the service area, and the Customer Service and Meter Reading Division (Meter Reader) pending AMI project implementation. There was also a reclassification to better align District personnel resources – the Support Services Manager position in the Operations and Maintenance Department has been reclassified to an Engineering Supervisor I/II. Succession

planning will continue to be a challenge as approximately half of the District's employees are eligible to retire within the next five years.

Overall, the District's budget reflects careful and responsible planning and continues cost control measures established during the drought. I am especially pleased that the District has made significant strides in achieving the five strategic goals identified by the Board in 2018 and I am confident that the District will continue making meaningful and measurable progress over the next two years to address the District's highest priorities.

Respectfully Submitted,



Robert Shaver
General Manager

**ALAMEDA COUNTY WATER DISTRICT
TOTAL BUDGET
REVENUES & EXPENSES**

	FY 17/18 Actual	FY 18/19 Estimated Actual	FY 19/20 Adopted Budget	FY 20/21 Adopted Budget
Beginning Balance				
General Fund	\$ 81,340,900	\$ 98,328,800	\$ 99,353,100	\$ 95,601,100
Facilities Improvement Fund (FIF)	44,156,200	55,140,900	62,235,000	60,213,300
Facilities Renewal Fund (FRF)	-	-	-	-
Total Beginning Balance	125,497,100	153,469,700	161,588,100	155,814,400
Revenues				
Water Revenue	101,668,600	108,108,700	111,697,400	116,660,300
Ground Water Revenue	411,800	508,200	510,800	535,900
Proceeds From Taxation	10,630,500	10,025,000	10,858,400	11,104,700
Interest Revenue	1,982,500	3,004,400	3,445,400	3,324,900
Facilities Connection Charges - FIF	12,352,000	10,554,900	3,501,200	3,501,200
Facilities Connection Charges - FRF	-	499,800	1,475,900	1,599,500
Customer Jobs Revenue	5,981,600	4,800,500	4,244,100	4,208,000
Grants, Reimbursements	289,700	4,875,600	12,433,100	9,080,100
Other Revenue	1,223,700	1,099,500	832,000	845,100
Total Revenues (Page 8)	134,540,400	143,476,600	148,998,300	150,859,700
Expenses				
Source of Supply	32,732,100	35,118,800	38,881,000	39,259,400
Pumping	1,216,200	1,852,600	2,134,500	2,209,200
Water Treatment	14,790,100	16,620,700	17,484,400	17,561,500
Transmission & Distribution	14,658,700	14,948,800	16,216,900	16,770,900
Delta Conveyance		556,600	786,100	459,100
Customer Accounts	1,448,400	2,017,100	2,317,800	2,276,800
Administrative & General	40,496,800	43,789,800	46,606,600	49,364,600
OPEB Advanced Funding	2,160,900	1,276,000	1,217,000	1,157,000
Pension Advanced Funding	3,021,600	6,876,000	5,975,000	5,433,000
Expense Transfer - Equipment & Overhead	(26,678,200)	(26,687,600)	(29,481,700)	(29,573,000)
Expense Projects	1,259,300	780,200	1,283,500	1,444,000
Net Operating Vacancy Savings	-	-	(1,083,300)	(1,126,600)
Total Operating Expenses (Page 9-13)	85,105,900	97,149,000	102,337,800	105,235,900
Capital Projects (Pages 14-24)	12,433,900	27,037,700	41,812,600	54,862,800
Customer Jobs (Page 25)	4,687,000	4,800,500	4,244,100	4,208,000
Debt Service (Page 26)	6,373,300	6,371,000	6,377,500	6,384,900
Total Non-Operating Expenses	23,494,200	38,209,200	52,434,200	65,455,700
Total Expenses	108,600,100	135,358,200	154,772,000	170,691,600
Net of Revenues & Expenses	25,940,300	8,118,400	(5,773,700)	(19,831,900)
Debt Proceeds (Advanced Metering Infrastructure)	-	-	-	14,500,000
Reconciling Timing Difference	2,032,300			
Ending Cash Balance				
General Fund	98,328,800	99,353,100	95,601,100	94,226,100
Facilities Improvement Fund	55,140,900	62,235,000	60,213,300	56,256,400
Facilities Renewal Fund	-	-	-	-
Total Ending Cash Balance	\$ 153,469,700	\$ 161,588,100	\$ 155,814,400	\$ 150,482,500



**ALAMEDA COUNTY WATER DISTRICT
GENERAL FUND
REVENUES & EXPENSES**

	FY 17/18 Actual	FY 18/19 Estimated Actual	FY 19/20 Adopted Budget	FY 20/21 Adopted Budget
Beginning Balance	\$ 81,340,900	\$ 98,328,800	\$ 99,353,100	\$ 95,601,100
Revenues				
Water Revenue	101,668,600	108,108,700	111,697,400	116,660,300
Ground Water Revenue	411,800	508,200	510,800	535,900
1% Tax Allocation	5,357,900	6,176,300	6,386,300	6,603,500
State Water Contract Tax	5,272,600	3,848,700	4,472,100	4,501,200
Interest Revenue	1,271,700	1,932,100	2,116,200	2,060,600
Customer Jobs Revenue	5,981,600	4,800,500	4,244,100	4,208,000
Grants, Reimbursements	289,700	4,875,600	12,433,100	9,080,100
Other Revenue	1,223,700	1,099,500	832,000	845,100
Total GF Revenues (Page 8)	121,477,600	131,349,600	142,692,000	144,494,700
Expenses				
Source of Supply	32,732,100	35,118,800	38,881,000	39,259,400
Pumping	1,216,200	1,852,600	2,134,500	2,209,200
Water Treatment	14,790,100	16,620,700	17,484,400	17,561,500
Transmission & Distribution	14,658,700	14,948,800	16,216,900	16,770,900
Delta Conveyance		556,600	786,100	459,100
Customer Accounts	1,448,400	2,017,100	2,317,800	2,276,800
Administrative & General	40,496,800	43,789,800	46,606,600	49,364,600
OPEB Advanced Funding	2,160,900	1,276,000	1,217,000	1,157,000
Pension Advanced Funding	3,021,600	6,876,000	5,975,000	5,433,000
Expense Transfer - Equipment & Overhead	(26,678,200)	(26,687,600)	(29,481,700)	(29,573,000)
Expense Projects	1,259,300	780,200	1,283,500	1,444,000
Net Operating Vacancy Savings	-	-	(1,083,300)	(1,126,600)
Total Operating Expenses (Page 9-13)	85,105,900	97,149,000	102,337,800	105,235,900
Capital Projects (Pages 14-24)	10,355,800	22,004,800	33,484,600	44,540,900
Customer Jobs (Page 25)	4,687,000	4,800,500	4,244,100	4,208,000
Debt Service (Page 26)	6,373,300	6,371,000	6,377,500	6,384,900
Total Non-Operating Expenses	21,416,100	33,176,300	44,106,200	55,133,800
Total GF Expenses	106,522,000	130,325,300	146,444,000	160,369,700
Net of Revenues & Expenses	14,955,600	1,024,300	(3,752,000)	(15,875,000)
Debt Proceeds (Advanced Metering Infrastructure)	-	-	-	14,500,000
Reconciling Timing Difference	2,032,300			
Ending Balance	\$ 98,328,800	\$ 99,353,100	\$ 95,601,100	\$ 94,226,100

**ALAMEDA COUNTY WATER DISTRICT
FACILITIES IMPROVEMENT FUND (FIF)
REVENUES & EXPENSES**

	<u>FY 17/18 Actual</u>	<u>FY 18/19 Estimated Actual</u>	<u>FY 19/20 Adopted Budget</u>	<u>FY 20/21 Adopted Budget</u>
Beginning Balance	\$ 44,156,200	\$ 55,140,900	\$ 62,235,000	\$ 60,213,300
Revenues				
Facilities Connection Charges - FIF	12,352,000	10,554,900	3,501,200	3,501,200
Interest Revenue	710,800	1,072,300	1,329,200	1,264,300
Total FIF Revenues	13,062,800	11,627,200	4,830,400	4,765,500
Expenses				
Capital Projects (Pages 14-24)	2,078,100	4,533,100	6,852,100	8,722,400
Total FIF Expenses	2,078,100	4,533,100	6,852,100	8,722,400
Net of Revenues & Expenses	10,984,700	7,094,100	(2,021,700)	(3,956,900)
Ending Balance	\$ 55,140,900	\$ 62,235,000	\$ 60,213,300	\$ 56,256,400

**ALAMEDA COUNTY WATER DISTRICT
FACILITIES RENEWAL FUND (FRF)
REVENUES & EXPENSES**

	<u>FY 17/18 Actual</u>	<u>FY 18/19 Estimated Actual</u>	<u>FY 19/20 Adopted Budget</u>	<u>FY 20/21 Adopted Budget</u>
Beginning Balance	\$ -	\$ -	\$ -	\$ -
Revenues				
Facilities Connection Charges - FRF	-	499,800	1,475,900	1,599,500
Interest Revenue	-	-	-	-
Total FRF Revenues	<u>-</u>	<u>499,800</u>	<u>1,475,900</u>	<u>1,599,500</u>
Expenses				
Capital Projects (Pages 14-24)	-	499,800	1,475,900	1,599,500
Total FRF Expenses	<u>-</u>	<u>499,800</u>	<u>1,475,900</u>	<u>1,599,500</u>
Net of Revenues & Expenses	-	-	-	-
Ending Balance	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

**ALAMEDA COUNTY WATER DISTRICT
EXPENSE SUMMARY
COST CENTER**

	FY 17/18 Actual Expense	FY 18/19 Estimated Actual	FY 19/20 Adopted Budget	FY 20/21 Adopted Budget
Expenses				
Source of Supply	\$ 32,732,100	\$ 35,118,800	\$ 38,881,000	\$ 39,259,400
Pumping	1,216,200	1,852,600	2,134,500	2,209,200
Water Treatment	14,790,100	16,620,700	17,484,400	17,561,500
Transmission & Distribution	14,658,700	14,948,800	16,216,900	16,770,900
Total O&M Expenses	63,397,100	68,540,900	74,716,800	75,801,000
Delta Conveyance		556,600	786,100	459,100
Customer Accounts	1,448,400	2,017,100	2,317,800	2,276,800
Administrative & General	40,496,800	43,789,800	46,606,600	49,364,600
OPEB Advanced Funding	2,160,900	1,276,000	1,217,000	1,157,000
Pension Advanced Funding	3,021,600	6,876,000	5,975,000	5,433,000
Expense Transfer - Equipment & Overhead	(26,678,200)	(26,687,600)	(29,481,700)	(29,573,000)
Expense Projects	1,259,300	780,200	1,283,500	1,444,000
Total A&G/Exp Proj Expenses	21,708,800	28,608,100	28,704,300	30,561,500
Capital Projects - GF	10,355,800	22,004,800	33,484,600	44,540,900
Capital Projects - FIF	2,078,100	4,533,100	6,852,100	8,722,400
Capital Projects - FRF	-	499,800	1,475,900	1,599,500
Customer Jobs	4,687,000	4,800,500	4,244,100	4,208,000
Debt Service	6,373,300	6,371,000	6,377,500	6,384,900
Total Non-Operating Expenses	23,494,200	38,209,200	52,434,200	65,455,700
Net Operating Labor Vacancy Savings	-	-	(1,083,300)	(1,126,600)
Total Expenses	\$ 108,600,100	\$ 135,358,200	\$ 154,772,000	\$ 170,691,600

**ALAMEDA COUNTY WATER DISTRICT
EXPENSE SUMMARY
COST ELEMENT**

	FY 17/18 Actual	FY 18/19 Estimated Actual	FY 19/20 Adopted Budget	FY 20/21 Adopted Budget
Labor				
Operating	\$ 25,734,800	\$ 28,044,700	\$ 27,408,300	\$ 28,293,700
Capital	2,356,900	3,574,900	2,873,900	2,742,300
Customer Jobs	1,164,500	606,800	960,400	947,500
Total Labor	29,256,200	32,226,400	31,242,600	31,983,500
Purchased Water	24,318,400	26,102,500	28,512,700	28,370,300
Employee Benefits	16,290,300	17,822,900	19,063,400	19,982,900
OPEB	4,100,500	4,212,800	4,440,600	4,676,800
OPEB Advanced Funding	2,160,900	1,276,000	1,217,000	1,157,000
Pension Advanced Funding	3,021,600	6,876,000	5,975,000	5,433,000
Other Expenses				
Operating	9,479,400	12,814,100	15,720,800	17,322,200
Capital	10,077,000	23,462,800	38,938,700	52,120,500
Customer Jobs	3,522,500	4,193,700	3,283,700	3,260,500
Total Other Expense	23,078,900	40,470,600	57,943,200	72,703,200
Debt Service	6,373,300	6,371,000	6,377,500	6,384,900
Total Expenses	\$ 108,600,100	\$ 135,358,200	\$ 154,772,000	\$ 170,691,600

**ALAMEDA COUNTY WATER DISTRICT
REVENUES
DETAIL**

	FY 17/18 Actual	FY 18/19 Estimated Actual	FY 19/20 Adopted Budget	FY 20/21 Adopted Budget
Water Revenue	\$ 101,668,600	\$ 108,108,700	\$ 111,697,400	\$ 116,660,300
Ground Water Revenue	411,800	508,200	510,800	535,900
1% Tax Allocation	5,357,900	6,176,300	6,386,300	6,603,500
State Water Contract Tax	5,272,600	3,848,700	4,472,100	4,501,200
Interest Revenue	1,982,500	3,004,400	3,445,400	3,324,900
Facilities Connection Charges - FIF	12,352,000	10,554,900	3,501,200	3,501,200
Facilities Connection Charges - FRF	-	499,800	1,475,900	1,599,500
Customer Jobs Revenue	5,981,600	4,800,500	4,244,100	4,208,000
Grants, Reimbursements	289,700	4,875,600	12,433,100	9,080,100
Other Revenue				
Fire Flow Testing	27,000	33,400	24,800	24,800
Lease of Property	293,900	300,600	305,900	319,000
Scrap Sales	1,300	16,600	16,600	16,600
Sales of Fixed Assets	53,900	51,700	51,700	51,700
Licenses and Permits	141,000	145,000	140,000	140,000
Misc Revenues	635,900	478,300	226,800	226,800
Residential Service Line Insurance	70,700	73,900	66,200	66,200
Total Other Revenue	1,223,700	1,099,500	832,000	845,100
Total Revenues	\$ 134,540,400	\$ 143,476,600	\$ 148,998,300	\$ 150,859,700

**ALAMEDA COUNTY WATER DISTRICT
OPERATING EXPENSES
SUMMARY**

	FY 17/18 Actual	FY 18/19 Estimated Actual	FY 19/20 Adopted Budget	FY 20/21 Adopted Budget
Operating Expenses				
Source of Supply	\$ 32,732,100	\$ 35,118,800	\$ 38,881,000	\$ 39,259,400
Pumping	1,216,200	1,852,600	2,134,500	2,209,200
Water Treatment	14,790,100	16,620,700	17,484,400	17,561,500
Transmission & Distribution	14,658,700	14,948,800	16,216,900	16,770,900
Total O&M Expenses	63,397,100	68,540,900	74,716,800	75,801,000
Delta Conveyance	-	556,600	786,100	459,100
Customer Accounts	1,448,400	2,017,100	2,317,800	2,276,800
Administrative and General	40,496,800	43,789,800	46,606,600	49,364,600
OPEB Advanced Funding	2,160,900	1,276,000	1,217,000	1,157,000
Pension Advanced Funding	3,021,600	6,876,000	5,975,000	5,433,000
Expense Transfer - Equipment & Overheads	(26,678,200)	(26,687,600)	(29,481,700)	(29,573,000)
Expense Project Subtotal	1,259,300	780,200	1,283,500	1,444,000
Total A&G/Exp Proj Expenses	21,708,800	28,608,100	28,704,300	30,561,500
Net Operating Vacancy Savings	-	-	(1,083,300)	(1,126,600)
Total Operating Expenses	\$ 85,105,900	\$ 97,149,000	\$ 102,337,800	\$ 105,235,900

**ALAMEDA COUNTY WATER DISTRICT
OPERATING EXPENSES
OPERATIONS & MAINTENANCE (O&M) DETAIL**

Reporting Group	Description	FY 17/18 Actual	FY 18/19 Estimated Actual	FY 19/20 Adopted Budget	FY 20/21 Adopted Budget
Source of Supply					
8111	Oper & Planning of Supply System	\$ 2,992,100	\$ 2,976,900	\$ 3,318,200	\$ 3,415,800
8113	Operations of Takeoffs	6,700	4,600	18,400	18,800
8114	Ground Water Resources	3,351,600	3,659,300	3,992,800	4,015,100
8121	Maint of Recharge Facilities	331,800	358,200	875,700	887,000
8122	Maintenance of Wells	1,597,800	1,886,500	2,230,100	2,282,800
8123	Maint of Take Offs	131,800	79,200	150,600	156,600
8124	Maint of Replenishment Meters	1,900	5,700	3,300	6,200
8131	Purchased Water - SWP	7,152,000	6,637,800	9,552,400	9,405,800
8132	Purchased Water - SF Water	15,731,900	17,759,800	17,930,900	17,926,300
8133	Purchased Water - Semitropic	1,434,500	1,704,900	1,029,400	1,038,200
8134	Purchased Water-Other	-	45,900	(220,800)	106,800
	Total Source of Supply	32,732,100	35,118,800	38,881,000	39,259,400
Pumping					
8211	Operation of Prod Wells	23,000	20,400	25,900	29,000
8212	Operation of Booster Pumps	-	300	7,500	4,800
8214	Operation of Desal Supply	-	-	17,400	17,800
8223	Maintenance of Booster Pumps	1,010,000	1,553,400	1,674,300	1,737,200
8224	Maintenance of SCADA System	183,200	278,500	409,400	420,400
	Total Pumping	1,216,200	1,852,600	2,134,500	2,209,200
Water Treatment					
8311	Operation of Blending Facility	753,100	1,052,700	821,100	801,700
8313	Oper of Water Treatment Plant #1	330,600	306,900	256,600	248,700
8314	Oper of Water Treatment Plant #2	5,183,600	5,952,700	6,053,900	5,860,800
8315	Operation of Desalination Facility	786,900	1,084,300	1,028,500	1,024,200
8318	Operations Tech Support	1,136,600	1,131,700	1,383,300	1,438,000
8321	Maintenance of Blending Facility	359,700	438,500	603,500	618,200
8323	Maint of Water Treatment Plant #1	225,400	286,300	256,300	267,800
8324	Maint of Water Treatment Plant #2	2,148,400	1,834,100	2,224,100	2,261,800
8325	Maintenance of Desalination Plant	871,400	1,624,700	1,465,700	1,545,600
8330	Laboratory Services	2,994,400	2,908,800	3,391,400	3,494,700
	Total Water Treatment	14,790,100	16,620,700	17,484,400	17,561,500

**ALAMEDA COUNTY WATER DISTRICT
OPERATING EXPENSES
OPERATIONS & MAINTENANCE (O&M) DETAIL**

Reporting Group	Description	FY 17/18 Actual	FY 18/19 Estimated Actual	FY 19/20 Adopted Budget	FY 20/21 Adopted Budget
	Transmission & Distribution				
8411	Engineering of Distrib System	2,230,700	2,117,300	2,463,100	2,568,700
8412	Operation of Distrib System	2,473,500	2,106,200	2,811,600	2,653,400
8421	Maintenance of Reservoirs	951,400	1,064,300	1,072,600	1,065,300
8422	Maintenance of Mains	1,880,700	2,173,200	2,119,500	2,267,400
8423	Maintenance of Cathodic Stations	7,200	26,200	42,300	42,700
8424	Maintenance of Service Lines	1,498,400	1,552,200	1,474,100	1,534,700
8425	Maintenance of Meters	1,000,100	1,113,500	890,800	997,800
8426	Maintenance of Fire Hydrants	211,400	265,100	230,900	255,500
8427	Maintenance of Backflow Preventers	492,300	529,300	472,300	488,300
8428	Maintenance of Distribution System	2,409,500	2,164,500	2,182,300	2,252,700
8429	Maintenance - Facilities Engineering	1,373,500	1,619,300	2,160,000	2,339,800
8450	Maintenance of Regulator Stations	130,000	217,700	297,400	304,600
	Total Transmission & Distribution	14,658,700	14,948,800	16,216,900	16,770,900
	Total Operations and Maintenance	\$ 63,397,100	\$ 68,540,900	\$ 74,716,800	\$ 75,801,000

**ALAMEDA COUNTY WATER DISTRICT
OPERATING EXPENSES
ADMINISTRATIVE & GENERAL (A&G) DETAIL**

Description	FY 17/18 Actual	FY 18/19 Estimated Actual	FY 19/20 Adopted Budget	FY 20/21 Adopted Budget
Salaries	\$ 6,718,600	\$ 6,368,800	\$ 6,994,900	\$ 7,458,500
Other Pay (Vacation, Holiday, Sick Leave, etc.)	5,338,200	6,899,800	5,543,300	5,848,600
Employees' Retirement and Benefits (Page 28)	16,290,300	17,822,900	19,063,400	19,982,900
Property and Liability Insurance	577,000	722,600	604,300	634,500
Election Expense	-	-	-	450,000
Education & Training	149,600	155,300	286,700	286,000
Travel, Subscriptions, & Dues	291,400	337,600	403,600	411,700
Office Supplies	108,400	129,200	124,900	145,200
Postage & Shipping Services	209,100	238,900	270,400	255,900
Telephone	140,100	116,900	95,000	100,000
Small Tools/Supplies	118,500	143,200	184,500	185,500
Legal Services	861,800	800,000	800,000	800,000
Professional Services	829,900	939,800	1,165,200	1,183,800
OPEB	4,100,500	4,212,800	4,440,600	4,676,800
OPEB Advanced Funding	2,160,900	1,276,000	1,217,000	1,157,000
Pension Advanced Funding	3,021,600	6,876,000	5,975,000	5,433,000
Information Technology	1,387,100	1,115,600	1,467,000	1,606,500
Security & Emergency Services	505,500	436,300	739,600	711,900
Public Information/Conservation	475,500	720,100	1,074,800	1,257,300
Equipment/Auto Maintenance	735,300	718,200	954,200	965,800
Property Maintenance	1,053,000	1,258,400	1,384,600	1,410,100
Other A&G	607,000	653,400	1,009,600	993,600
Total A&G Before Expense Transfers	45,679,300	51,941,800	53,798,600	55,954,600
Expense Transfer - Equipment	(1,247,700)	(1,260,300)	(795,200)	(822,200)
Expense Transfer - Overhead	(25,430,500)	(25,427,300)	(28,686,500)	(28,750,800)
Total Expense Transfer	(26,678,200)	(26,687,600)	(29,481,700)	(29,573,000)
Net A&G After Expense Transfers	\$ 19,001,100	\$ 25,254,200	\$ 24,316,900	\$ 26,381,600

**ALAMEDA COUNTY WATER DISTRICT
OPERATING EXPENSES
EXPENSE PROJECTS DETAIL**

Description	FY 17/18 Actual	FY 18/19 Estimated Actual	FY 19/20 Adopted Budget	FY 20/21 Adopted Budget
Water Quality Extraordinary Expenses	\$ 29,400	\$ 1,000	\$ 39,000	\$ 39,000
WRF Tailored Collaboration Study	-	516,500	61,000	-
School lead testing	22,900	34,500	62,500	-
Integrated Resources Planning - Extraordinary Expense	-	100,000	200,000	-
Los Vaqueros Reservoir Expansion Project	8,100	100,000	354,000	600,000
IRP - Lake Del Valle	-	28,200	-	-
Advanced Metering Infrastructure	585,200	-	-	-
2019 Joint Purified Water Feasibility Evaluation	-	-	567,000	283,000
IT Enterprise Software Upgrades - JD Edwards	1,300	-	-	272,000
IT Enterprise Software Upgrades - Cayenta	-	-	-	250,000
WRF Manganese BioFiltration	416,600	-	-	-
Headquarters Improvements	72,300	-	-	-
CalOES and Yellow Command	25,700	-	-	-
36" Raw Water Main Repair	97,800	-	-	-
Total Expense Projects	<u>\$ 1,259,300</u>	<u>\$ 780,200</u>	<u>\$ 1,283,500</u>	<u>\$ 1,444,000</u>

**ALAMEDA COUNTY WATER DISTRICT
CAPITAL PROJECTS
SUMMARY**

	FY 17/18 Actual Expense			FY 18/19 Estimated Actual			
	Actual Exp	GF	FIF	Est Actual	GF	FIF	FRF
Distribution System	\$ 7,623,597	\$ 6,651,852	\$ 971,745	\$ 9,962,300	\$ 8,269,900	\$ 1,192,644	\$ 499,784
Ground Water	3,668,366	2,940,610	727,757	16,179,700	12,974,900	3,204,757	-
Vehicle	407,045	405,905	1,140	364,500	364,500	-	-
Headquarters Facility	440,557	89,404	351,153	176,200	55,000	121,229	-
Engineering	294,382	268,030	26,352	293,000	284,000	9,000	-
Operations	-	-	-	62,000	56,500	5,500	-
Total Capital Projects	\$ 12,433,900	\$ 10,355,800	\$ 2,078,100	\$ 27,037,700	\$ 22,004,800	\$ 4,533,130	\$ 499,784
Customer Jobs	4,687,000	4,687,000	-	4,800,500	4,800,500	-	-

**ALAMEDA COUNTY WATER DISTRICT
CAPITAL PROJECTS
SUMMARY**

	FY 19/20 Adopted Budget				FY 20/21 Adopted Budget			
	Total Budget	GF	FIF	FRF	Total Budget	GF	FIF	FRF
Distribution System	\$ 20,625,400	\$ 16,020,400	\$ 3,129,066	\$ 1,475,890	\$ 31,177,078	\$ 25,149,680	\$ 4,427,941	\$ 1,599,458
Ground Water	17,225,800	13,791,400	3,434,359	-	20,576,841	16,471,893	4,104,948	-
Vehicle	880,000	880,000	-	-	536,000	536,000	-	-
Headquarters Facility	552,600	552,600	-	-	757,000	757,000	-	-
Engineering	1,219,000	1,003,000	216,000	-	748,600	603,000	145,600	-
Operations	1,309,800	1,237,200	72,680	-	1,067,240	1,023,360	43,880	-
Total Capital Projects	\$ 41,812,600	\$ 33,484,600	\$ 6,852,104	\$ 1,475,890	\$ 54,862,800	\$ 44,540,900	\$ 8,722,400	\$ 1,599,500
Customer Jobs	4,244,100	4,244,100			4,208,000	4,208,000		

**ALAMEDA COUNTY WATER DISTRICT
CAPITAL PROJECTS
DISTRIBUTION SYSTEM**

Item No	CIP No	Description	FY 17/18 Actual Expense	FY 18/19 Estimated Actual	FY19/20 Adopted Budget	FY20/21 Adopted Budget
1.	BB01.01B	Canyon Heights Booster Station Upgrade/Replacement	\$ -	-	134,000	646,800
3.	BB15.01	PR-1 Booster Station	\$ 273,967	6,000	100,000	20,000
4.	EE02.01B	Engineering Report for CIP	\$ -	200,000	681,200	0
6.	MM40.06B	Main Relocations for SFPUC Bay Division Pipeline 3 & 4 Seismic	\$ -	1,429,077	0	0
7.	MM4011	East West Connector Project	\$ -	5,000	5,001	5,001
8.	MM4012	ACFC Crossings	\$ -	88,647	70,560	57,400
10.	MM80.07	Main Renewal - MR1 Driscoll	\$ 222,840	160,375	600,000	1,545,000
11.	MM80.08	Main Renewal - MR3 Central Newark	\$ 116,839	316,032	790,839	2,265,899
12.	MM80.09	Main Renewal - MR4 Cherry	\$ 11,057	-	0	0
14.	MM8006	Alvarado Niles Pipeline Seismic Improvement Project	\$ -	435,000	6,336,000	4,752,000
15.	MN01.01B	Cathodic Protection Improvements and Additions	\$ 18,725	10,400	215,500	327,300
16.	PJ01.10	MSJWTP - Replace Diesel Generator and Cooling System	\$ -	-	160,000	25,000
17.	SR06.50	Patterson Reservoir Remediation Project	\$ 135,949	61,000	166,000	480,020
18.	ST02.51B	Canyon Heights Tank Improvements	\$ 163,399	143,724	1,012,950	28,000
19.	ST05.51B	MSJ Tank Improvements	\$ 7,667	26,122	0	69,700
20.	YI01.05B	WTP2 PLC Replacement	\$ 1,256,571	1,058,000	0	0
21.	YI05.02B	Communications Project - Production & Storage	\$ 35,105	-	0	0
22.	AK01.11	Electronic Operating Logs	\$ -	-	106,000	0
23.	BB02.03B	Curtner Road Booster Station Upgrade	\$ -	75,000	958,000	1,028,200
24.	BB12.51B	Scott Creek Booster Station Improvements and Equipment	\$ 11,836	-	0	0
25.	BB13.51B	Avalon Heights Booster Improvements and Equipment	\$ 24,687	30,000	55,000	0

**ALAMEDA COUNTY WATER DISTRICT
CAPITAL PROJECTS
DISTRIBUTION SYSTEM**

Item No	CIP No	Description	FY 17/18 Actual Expense	FY 18/19 Estimated Actual	FY19/20 Adopted Budget	FY20/21 Adopted Budget
26.	EE06.01	Hazard Mitigation and Emergency Response Strategic Planning	\$ -	159,000	277,000	2,800
27.	GA50.05	Desal Production Well Equipment Replacement	\$ -	15,000	160,000	105,000
28.	MD01.01	Service Line Emergency Replacement Program	\$ 1,221,830	1,588,164	1,581,000	1,581,000
29.	MD01.02	Service Line Incidental Replacement Program	\$ 121,738	200,020	205,000	205,000
30.	MD60.05	Advanced Metering Infrastructure	\$ -	1,200,000	1,346,000	8,862,667
31.	MD01.11	Service Lines - Lead Evaluation	\$ 11,166	10,000	154,600	102,200
32.	MD02.01	Water Meter Replacement Program - Large Meters	\$ 200,823	100,000	105,000	105,000
33.	MD02.02	Water Meter Replacement Program - Medium Meters	\$ 99,219	200,000	280,000	280,000
34.	MD50.01B	Distribution System Large Valve Replacement Program	\$ 63,014	200,600	200,600	200,600
35.	MU50.02	Regulator Site Improvements and Equipment Replacements	\$ -	45,000	15,000	15,000
36.	PF02.01	Durham Take-off Improvements	\$ -	8,000	10,000	0
37.	PH01.51B	PT Blending Facility Improvements and Equipment Replacements	\$ -	6,000	25,000	25,000
39.	PH02.51B	Desal Facility Improvements / Equipment Replacements	\$ 13,798	40,000	170,000	50,000
40.	PH02.52B	Membranes for Desal Facility	\$ 2,480	3,000	0	0
41.	PJ02.12	TP2 Filter Press Polymer System Upgrade	\$ 101,367	2,000	0	0
42.	PJ02.51C	WTP No.2 Improvements and Equipment Replacements	\$ 226,556	115,000	240,000	150,000
43.	PW03.51B	Mowry and PT Wellfields - Replacement Pumping Equipment	\$ -	5,000	188,000	50,000
44.	PW50.01B	Wellfield General Improvements and Equipment Replacements	\$ -	-	45,000	45,000
47.	YI01.02B	Distribution PLC Upgrade	\$ 300,268	300,000	254,800	996,800
48.	YI01.03B	Watershed SCADA additions to Distribution SCADA	\$ -	5,000	10,000	10,000
49.	YI50.02B	Physical Security Upgrades at Critical District Facilities	\$ 54,777	-	0	0
50.	BB08.51	Washington Booster Improvements (Phase 1 and 2)	\$ 38,059	38,357	28,000	102,000

**ALAMEDA COUNTY WATER DISTRICT
CAPITAL PROJECTS
DISTRIBUTION SYSTEM**

Item No	CIP No	Description	FY 17/18 Actual Expense	FY 18/19 Estimated Actual	FY19/20 Adopted Budget	FY20/21 Adopted Budget
51.	BB10.02	Whitfield Zone 1 Flowmeter	\$ 37,645	35,000	0	0
52.	EE020.1B	Engineering Report for CIP	\$ 57,448	-	0	0
53.	EE05.01	CIP Planning/Facility Assessments	\$ 85,405	-	0	187,436
54.	21242.	Cedar 1 Pump Renewal	\$ 1,175	-	0	0
55.	MD01.06	Fault Crossing - Hose Procurement	\$ 349,126	-	0	0
56.	MM40.10	Capitol Avenue Main Replacement	\$ 28,465	-	0	0
57.	MM40.12	ACFC Crossings	\$ 90,894	-	0	0
58.	MM80.05	Washington Boulevard/I-680 Pipeline Improvement Project	\$ 1,204,702	-	0	0
59.	MM80.06	Alvarado Niles Pipeline Seismic Improvement Project	\$ 799,427	-	0	0
60.	ST07.52	Avalon Tank Slope Stabilization Improvements	\$ 165,581	-	329,816	1,840,704
61.	MM80.01C	Main Replacements	\$ 24,589	-	0	0
62.	MD01.03-C	Meter Replacemt 5/8", 3/4" & 1	\$ 280	-	0	0
63.	MM40.09	BF Iron Horse Lane	\$ (2,369)	-	0	0
64.	MM80.04	BF Middlefield Reservoir Inlet	\$ 1,179	-	0	0
65.	YI01.01	SCADA Distribution Server	\$ 33,812	-	0	0
66.	PJ01.09	MSJWTP Access Road Erosion Mitigation Project	\$ 1,628	-	0	0
67.	SR80.01B	BF Tank and Reservoir Seismic Upgrades (Appian)	\$ 10,874	20,000	0	0
68.	AK03.52	Water Quality Laboratory Equipment Program	\$ -	-	190,000	42,436
69.	BB16.02	B16 WTP2 Zone 3 Booster Discharge Pipeline Replacement	\$ -	-	0	136,400
70.	BB50.01	Booster Stations- Facility Improvements / Equipment	\$ -	-	30,000	30,000
71.	MD01.12	Distribution Leak Detection System	\$ -	-	75,000	175,000
72.	MD50.01	Distribution System Large Valve Replacement Program	\$ -	100,000	207,600	207,600
73.	MM80.11	Main Renewal - Small Diameter Pipeline Renewal	\$ -	1,522,738	2,291,130	1,900,000
75.	MU05.01B	Dry Creek Regulator Upgrade	\$ -	-	0	56,000

**ALAMEDA COUNTY WATER DISTRICT
CAPITAL PROJECTS
DISTRIBUTION SYSTEM**

Item No	CIP No	Description	FY 17/18 Actual Expense	FY 18/19 Estimated Actual	FY19/20 Adopted Budget	FY20/21 Adopted Budget
76.	PH01.54B	Blending Facility Low Flow Control Modifications/Neat Feed	\$ -	-	87,800	215,000
78.	PJ02.08B	WTP2 Process Basin Concrete Grouting	\$ -	-	80,000	319,000
80.	SR01.01	Alameda Reservoir Roof Replacement	\$ -	-	0	858,992
81.	SR02.01	Decoto Reservoir Roof Replacement	\$ -	-	338,004	310,004
82.	SR02.51	Decoto - Lining/Structural/Mechanical/WQ	\$ -	-	0	133,000
83.	SR04.03	Mayhew Reservoir Control Valve Vault	\$ -	-	0	115,000
84.	SR05.03	Middlefield Reservoir Roof - Improvements	\$ -	-	0	363,000
85.	SR05.51	Middlefield - Lining/Structural/Mechanical/WQ	\$ -	-	0	29,120
86.	SR50.01	Reservoir- Facility Improvements/ Equipment Replacement	\$ -	-	25,000	25,000
87.	ST50.01	Tanks- Facility Improvements/ Equipment Replacement	\$ -	-	25,000	15,000
88.	YI02.04	Clean Energy Implementations	\$ -	-	260,000	80,000
Total Distribution System Capital Projects			\$ 7,623,597	\$ 9,962,256	\$ 20,625,400	\$ 31,177,078

**ALAMEDA COUNTY WATER DISTRICT
CAPITAL PROJECTS
GROUND WATER**

Item No	CIP No	Description	FY 17/18 Actual Expense	FY 18/19 Estimated Actual	FY19/20 Adopted Budget	FY20/21 Adopted Budget
1.	GG03.02B	Kaiser Pond Diversion Improvement Project	283,946	\$ 247,800	\$ 472,201	\$ -
2.	GG03.05	Pit T-2 Slope Rehabilitation	14,699	29,000	29,200	29,200
3.	GG05.01	Vallecitos Channel Betterments	58,610	120,000	220,800	1,584,000
4.	GG13.01B	Shinn Pond Fish Screen	119,365	1,944,112	4,584,890	4,584,890
5.	GG41.03B	Rubber Dam 1 - Fish Ladder	423,746	4,286,664	9,401,562	9,261,562
6.	GG43.02B	Rubber Dam No. 3 Fabric Replacement	657,618	545,000	33,000	-
7.	GG43.03B	Rubber Dam No. 3 Fish Ladder	1,897,777	7,886,000	120,000	-
8.	YI05.01B	Communications Systems Projects - Alameda Creek	28,194	75,000	-	-
9.	GA09.01	New Aquifer Reclamation Program Well	-	-	112,000	1,569,100
10.	GG06.01B	Monitoring Well Construction Project	-	-	19,600	19,600
11.	GG50.01	GW Supply Facilities Improv/Equip Replacements	10,793	23,930	40,000	40,000
13.	GG50.04	Old Jarvis Road Irrigation Well Destruction Grant Project	688	28,000	271,315	-
14.	GG70.01	G-G 70.01 Groundwater Basin Flow Model (Upgrade)	-	-	191,000	365,000
60.	GG41.01B	Rubber Dam No. 1 - Fabric Replace, Ctrl Bldg & Equip Mod	168,926	994,209	1,548,615	1,548,615
61.	GG42.03	BF Rubber Dam No. 2 Larinier Fishway	3,875	-	-	530,400
62.	GA50.05	DESAL PRODUCTION WELL EQUIPMEN	130	-	-	-
63.	GA10.01	Niles Cone Groundwater Basin Extraction Well Site Evaluation	-	-	181,625	1,044,474
Total Groundwater Capital Projects			<u>\$ 3,668,366</u>	<u>\$ 16,179,715</u>	<u>\$ 17,225,808</u>	<u>\$ 20,576,841</u>

**ALAMEDA COUNTY WATER DISTRICT
CAPITAL PROJECTS
VEHICLE**

Item No	CIP No	Description	FY 17/18 Actual Expense	FY 18/19 Estimated Actual	FY19/20 Adopted Budget	FY20/21 Adopted Budget
1.	AV01.01	Vehicle Capital - Air Quality Reg'd Equip Upgrades	157,253	\$ 160,000	\$ 200,000	\$ -
2.	AV01.02	Vehicle Capital - Light Duty Vehicles	133,657	190,000	180,000	145,000
3.	AV01.04	Vehicle Capital - Heavy -Duty Vehicles	-	-	100,000	150,000
4.	AV01.05	Portable Emergency Generator Plug Connections	11,401	1,000	-	-
5.	AV01.52	Equipment and Tools - Distribution Maintenance	-	-	220,000	66,000
6.	AV01.53	Equipment and Tools - Facilities Maintenance	19,388	5,000	20,000	15,000
7.	AV01.54	Equipment and Tools - General Facilities	8,489	8,500	10,000	10,000
8.	AC01.51	Pickup Trucks	76,857	-	-	-
9.	AV01.03	Vehicle Capital - Construction Equipment and Machinery	-	-	150,000	150,000
Total Vehicle Capital Projects			\$ 407,045	\$ 364,500	\$ 880,000	\$ 536,000

**ALAMEDA COUNTY WATER DISTRICT
CAPITAL PROJECTS
HEADQUARTERS FACILITY**

Item No	CIP No	Description	FY 17/18 Actual Expense	FY 18/19 Estimated Actual	FY19/20 Adopted Budget	FY20/21 Adopted Budget
1.	AQ01.10	Board Room Audio-Visual Upgrades	-	25,000	230,600	-
2.	AQ01.03	Headquarter Facility -HVAC Upgrades	89,404	-	70,000	-
3.	AQ01.51C	Headquarters Facility Improvement/ Equipment Replacement	-	30,000	252,000	157,000
4.	AQ01.02	Headquarters Facility - Building Renovation Projects - New Offices	351,153	121,229	-	-
5.	AQ01.52	Headquarter Facility- Reroof Building Office Complex and Garage	-	-	-	600,000
Total Headquarters Facility Capital Projects			<u>\$ 440,557</u>	<u>\$ 176,229</u>	<u>\$ 552,600</u>	<u>\$ 757,000</u>

**ALAMEDA COUNTY WATER DISTRICT
CAPITAL PROJECTS
ENGINEERING**

Item No	CIP No	Description	FY 17/18 Actual Expense	FY 18/19 Estimated Actual	FY19/20 Adopted Budget	FY20/21 Adopted Budget
1.	AK01.03	IT Custom Applications-DCJETS Replacement and Upgrades	-	-	201,000	97,600
2.	AK01.04B	IT - Cityworks for Groundwater Permits	24,413	30,000	50,000	-
3.	AK01.09	IT Infrastructure Upgrades - Capital	74,531	80,000	100,000	57,000
4.	AK01.10	IT Records Management Project	173,593	175,000	563,800	109,000
5.	AK02.51	Engineering Department - Capital Equipment and Materials	5,157	8,000	32,200	5,000
6.	AK01.06B	ITMP - SharePoint	16,689	-	-	-
7.	AK01.65	IT Enterprise Software Upgrades - MS Office, SharePoint, Exchange	-	-	272,000	-
8.	MU09.51B	Seven Hills Primary Regulator Improvement/Equipment	-	-	-	480,000
			<u>\$ 294,382</u>	<u>\$ 293,000</u>	<u>\$ 1,219,000</u>	<u>\$ 748,600</u>

**ALAMEDA COUNTY WATER DISTRICT
CAPITAL PROJECTS
OPERATIONS**

Item No	CIP No	Description	FY 17/18 Actual Expense	FY 18/19 Estimated Actual	FY19/20 Adopted Budget	FY20/21 Adopted Budget
1.	AK01.04	Citywork Interface DMD	\$ -	\$ -	\$ 100,000	\$ -
2.	AK03.53	Facility Division Asset Management Master Plan	-	-	35,000	25,000
3.	AK03.65	Facilities Maintenance Shop	-	-	150,000	180,000
4.	GA50.06	Desal Supply Well Pilot Study	-	-	334,400	-
5.	PH01.55	Re-pipe Blending Facility S-1 sample line	-	-	1,000	-
6.	YI01.01	SCADA Systems Software Replacements	-	-	56,000	438,800
7.	YI01.01B	SCADA Systems Infrastructure Upgrades	-	-	70,000	70,000
8.	YI05.02B	Communications Projects - Production and Storage	-	7,000	230,000	125,000
9.	YI06.01	Facility Arc Flash Calculation and Labeling	-	-	150,000	40,000
10.	YI06.02	Facility Standby Power Study	-	-	-	45,000
11.	YI50.02B	Avalon System Fiber Optic Systems Upgrades	-	-	70,000	30,000
12.	YI50.03	District Security Review	-	-	113,440	113,440
13.	YI50.04	Physical Security Upgrades at Critical District Facilities	-	55,000	-	-
			<u>\$ -</u>	<u>\$ 62,000</u>	<u>\$ 1,309,840</u>	<u>\$ 1,067,240</u>

**ALAMEDA COUNTY WATER DISTRICT
CAPITAL PROJECTS
CUSTOMER JOBS**

Item No	CIP No	Description	FY 17/18 Actual	FY 18/19 Estimated Actual	FY 19/20 Adopted Budget	FY 20/21 Adopted Budget
1.	MD01.09	Customer Generated Distribution System Improvements	\$ 4,687,000	\$ 4,800,496	\$ 4,244,120	\$ 4,208,000

**ALAMEDA COUNTY WATER DISTRICT
DEBT SERVICE
SCHEDULE**

	Amount of Original Issue	Outstanding Balance at 6/30/2019		FY 17/18 Actual Expense	FY 18/19 Estimated Actual	FY 19/20 Adopted Budget	FY 20/21 Adopted Budget
2009 Refunding Revenue Bonds 2.0% - 5.0% Maturity: FY 2019-20	\$ 26,340,000	\$ 5,470,000	Principal	\$ 2,600,000	\$ 2,690,000	\$ 2,780,000	\$ -
			Interest	263,700	172,600	86,900	-
			Total	<u>2,863,700</u>	<u>2,862,600</u>	<u>2,866,900</u>	<u>-</u>
2012 Revenue Bonds 3.0% - 5.0% Maturity: FY 2040-41	45,240,000	43,675,000	Principal	280,000	290,000	300,000	2,335,000
			Interest	1,606,700	1,595,500	1,583,900	1,570,400
			Total	<u>1,886,700</u>	<u>1,885,500</u>	<u>1,883,900</u>	<u>3,905,400</u>
2015 Revenue Bonds 4.0% - 5.0% Maturity: FY 2044-45	27,810,000	26,375,000	Principal	500,000	525,000	555,000	580,000
			Interest	1,122,900	1,097,900	1,071,700	1,043,900
			Total	<u>1,622,900</u>	<u>1,622,900</u>	<u>1,626,700</u>	<u>1,623,900</u>
Estimated Debt Service (Advanced Metering Infrastructure)							855,600
Grand Total	<u>\$ 99,390,000</u>	<u>\$ 75,520,000</u>		<u>\$ 6,373,300</u>	<u>\$ 6,371,000</u>	<u>\$ 6,377,500</u>	<u>\$ 6,384,900</u>

**ALAMEDA COUNTY WATER DISTRICT
LABOR AND BENEFITS
LABOR COST DETAIL**

	FY 17/18 Actual	FY 18/19 Estimated Actual	FY 19/20 Adopted Budget	FY 20/21 Adopted Budget
Operating				
Source of Supply	\$ 2,360,600	\$ 2,556,500	\$ 2,866,600	\$ 2,898,200
Pumping	182,900	280,100	314,200	323,200
Water Treatment	4,167,000	4,530,500	4,427,900	4,395,300
Transmission & Distribution	4,341,600	4,574,700	4,773,100	4,930,700
Customer Accounts	1,221,000	1,277,600	1,683,300	1,602,300
Administration & General	7,884,000	7,601,000	8,598,200	9,152,000
Vacation, Sick Leave, Etc.	5,338,200	6,899,800	5,543,300	5,848,600
Expense Projects	239,500	324,500	35,000	10,000
Net Operating Vacancy Savings	-	-	(833,300)	(866,600)
Total Operating Labor	25,734,800	28,044,700	27,408,300	28,293,700
Capital				
General Fund	2,064,100	2,986,900	2,165,100	1,990,000
Facilities Improvement Fund	292,800	588,000	401,400	380,700
Facilities Renewal Fund	-	-	307,400	371,600
Total Capital Labor	2,356,900	3,574,900	2,873,900	2,742,300
Customer Jobs	1,164,500	606,800	960,400	947,500
Total Labor Costs	\$ 29,256,200	\$ 32,226,400	\$ 31,242,600	\$ 31,983,500

**ALAMEDA COUNTY WATER DISTRICT
LABOR AND BENEFITS
EMPLOYEE RETIREMENT AND BENEFIT DETAIL**

Description	FY 17/18 Actual	FY 18/19 Estimated Actual	FY 19/20 Adopted Budget	FY 20/21 Adopted Budget
PERS Employer Percent	\$ 7,751,400	\$ 8,922,200	\$ 10,180,100	\$ 11,048,300
PERS EE Portion Paid by ACWD	297,800	293,300	279,100	288,500
Deferred Comp Contribution	60,700	304,000	190,300	190,300
Social Security	4,000	3,800	28,200	29,400
Medical	5,584,700	5,784,100	6,286,900	6,286,900
Medicare	431,800	463,200	438,500	455,500
AD&D	6,000	6,100	6,200	6,200
Life Insurance	59,600	60,000	71,800	71,800
Dental	406,300	415,200	435,800	467,400
Vision	62,500	63,900	68,700	73,700
Employee Assistance Program	6,500	6,500	6,700	7,200
Short Term Disability	68,000	67,700	69,400	74,400
LTD/Wage Continuation	99,800	99,500	101,900	109,300
Unemployment Insurance	7,000	27,900	60,000	13,000
Workers' Comp	1,307,400	1,149,500	922,700	950,300
MCP Allowance	112,100	112,400	115,700	119,200
Misc Other Benefits	24,700	43,600	51,400	51,500
Net Operating Benefits Vacancy Savings			(250,000)	(260,000)
Total Emp Ret & Benefits	\$ 16,290,300	\$ 17,822,900	\$ 19,063,400	\$ 19,982,900
OPEB	4,100,500	4,212,800	4,440,600	4,676,800
OPEB Advanced Funding	2,160,900	1,276,000	1,217,000	1,157,000
Pension Advanced Funding	3,021,600	6,876,000	5,975,000	5,433,000

ALAMEDA COUNTY WATER DISTRICT

PERSONNEL BUDGET
Fiscal Years 2019/20 & 2020/21

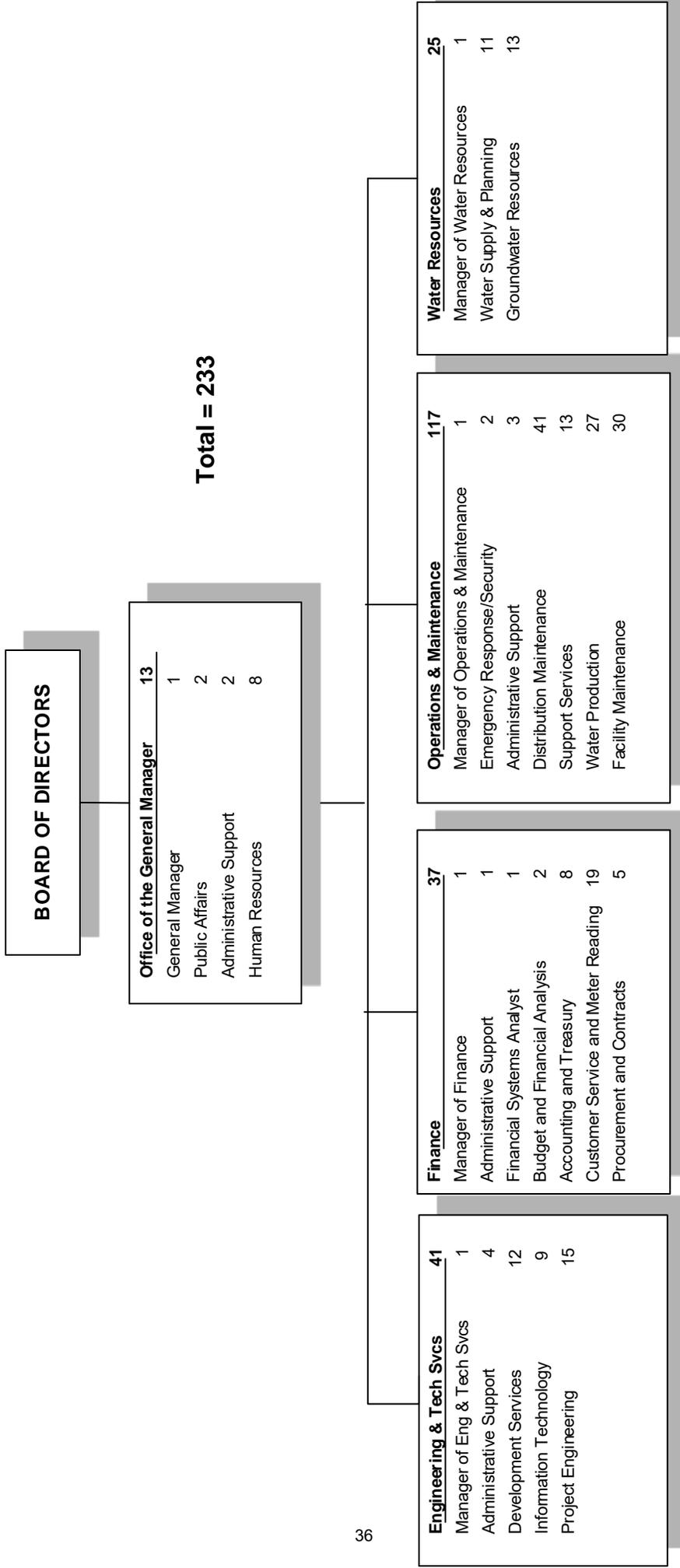
ORGANIZATION CHARTS

SUMMARY

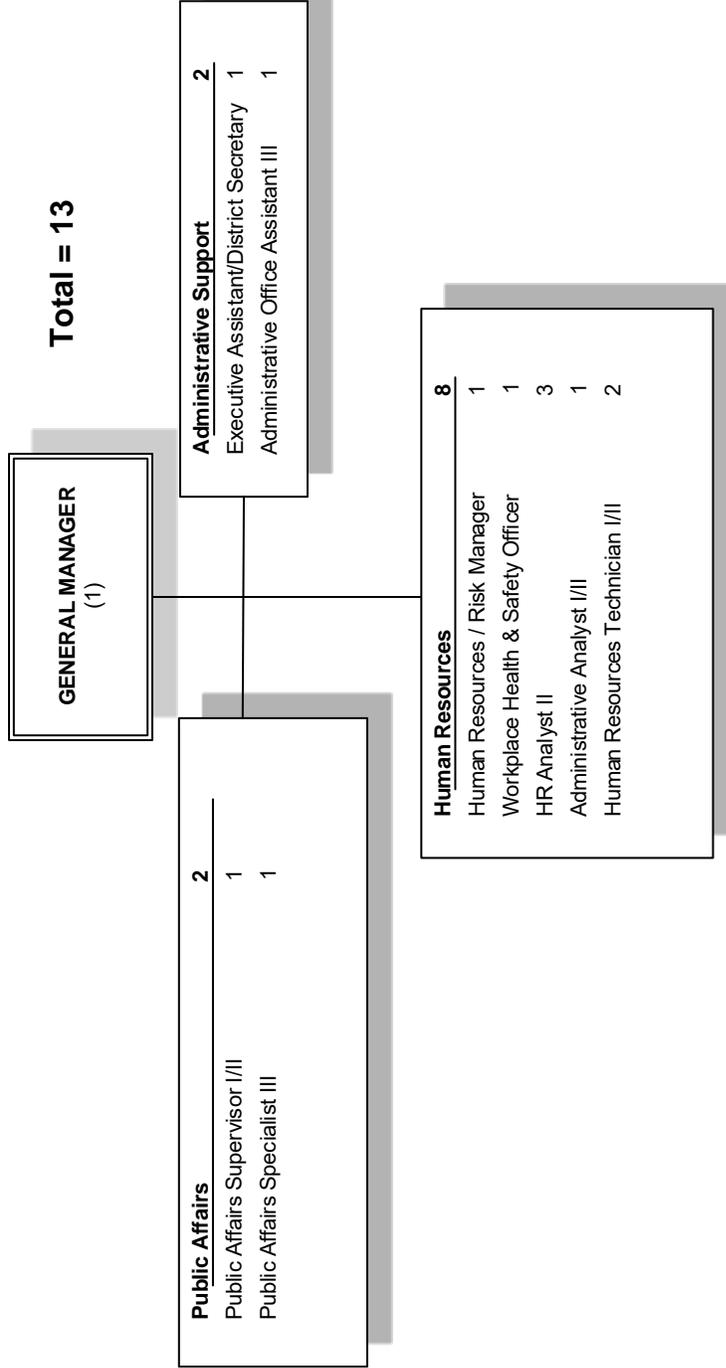
DEPARTMENTS:

Office of the General Manager
Engineering & Technology Services
Finance
Operations & Maintenance
Water Resources

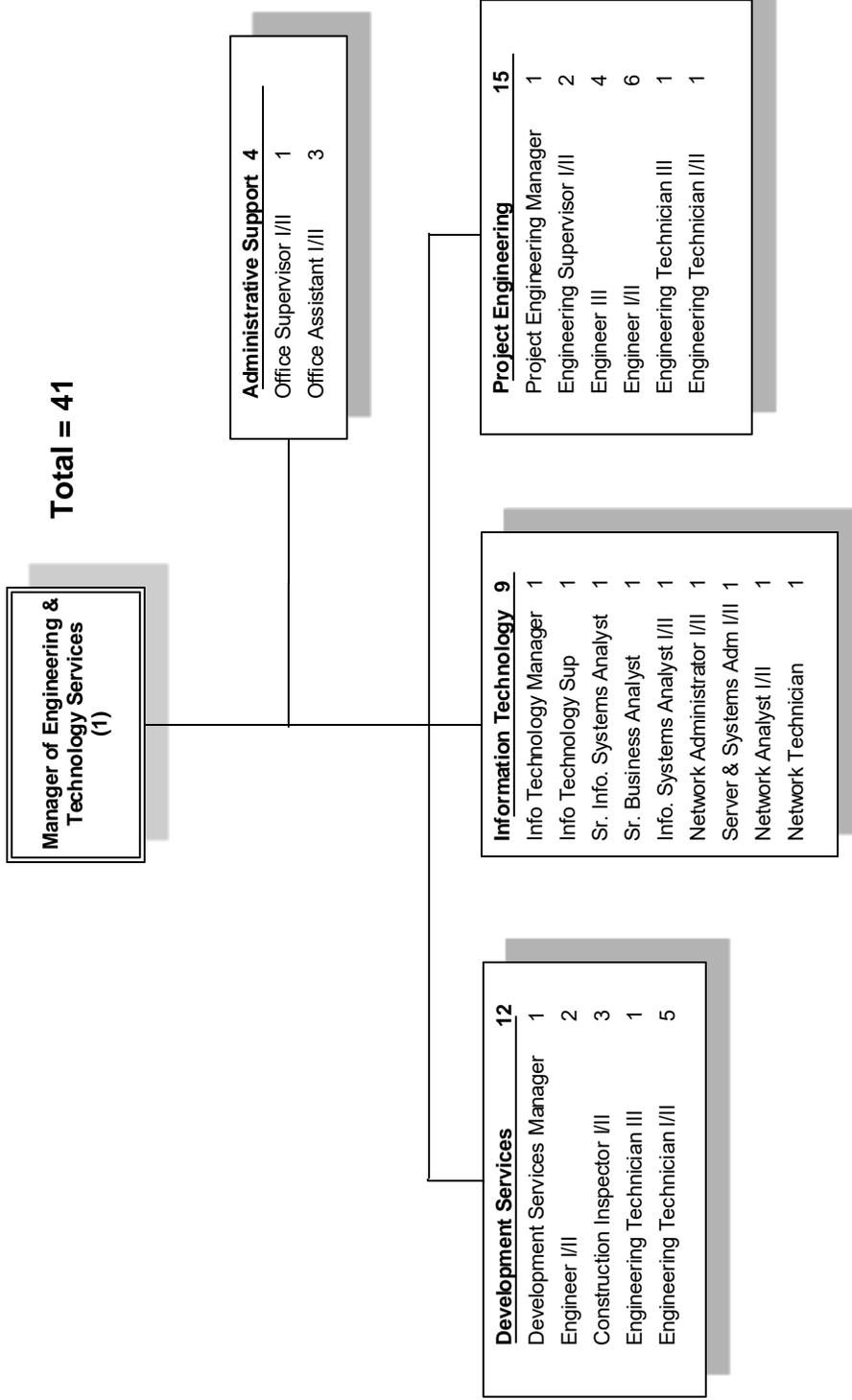
**ALAMEDA COUNTY WATER DISTRICT
FUNCTIONAL ORGANIZATIONAL CHART
FY 2019/20 & FY 2020/21**



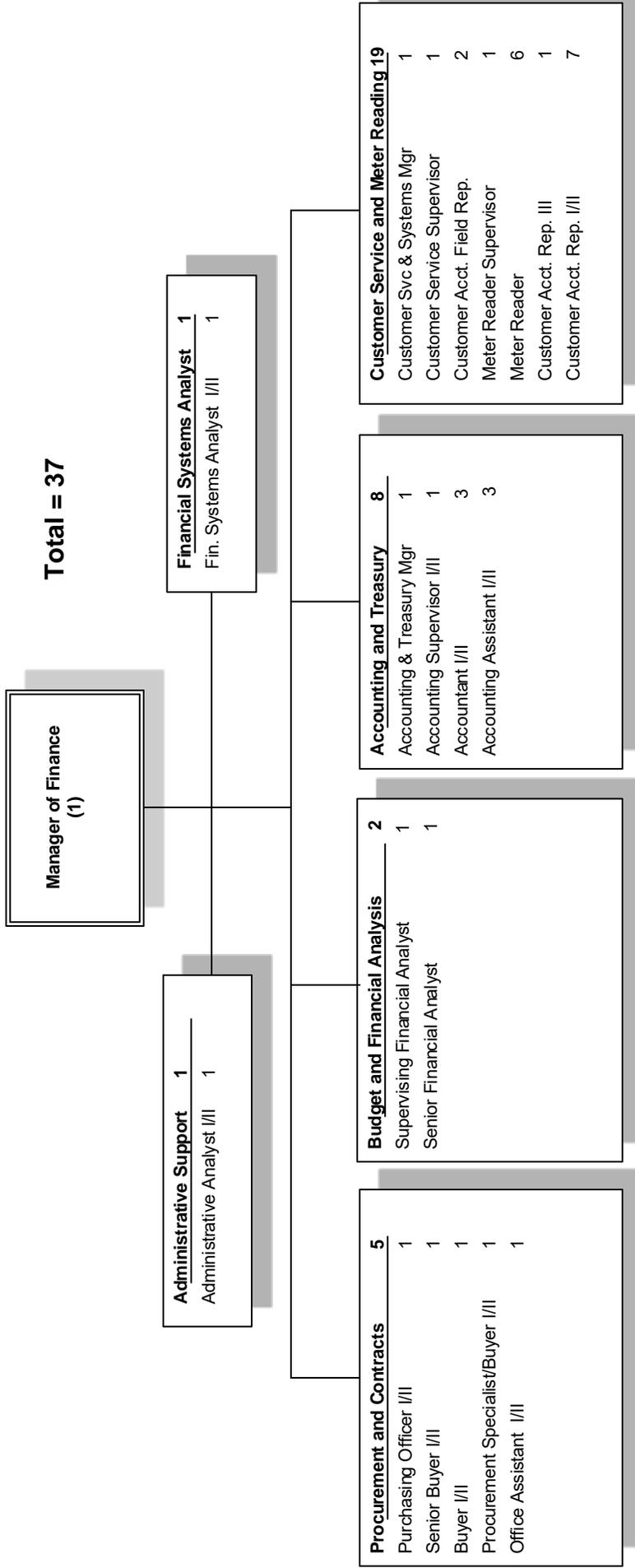
**ALAMEDA COUNTY WATER DISTRICT
OFFICE OF THE GENERAL MANAGER
FY 2019/20 & FY 2020/21**



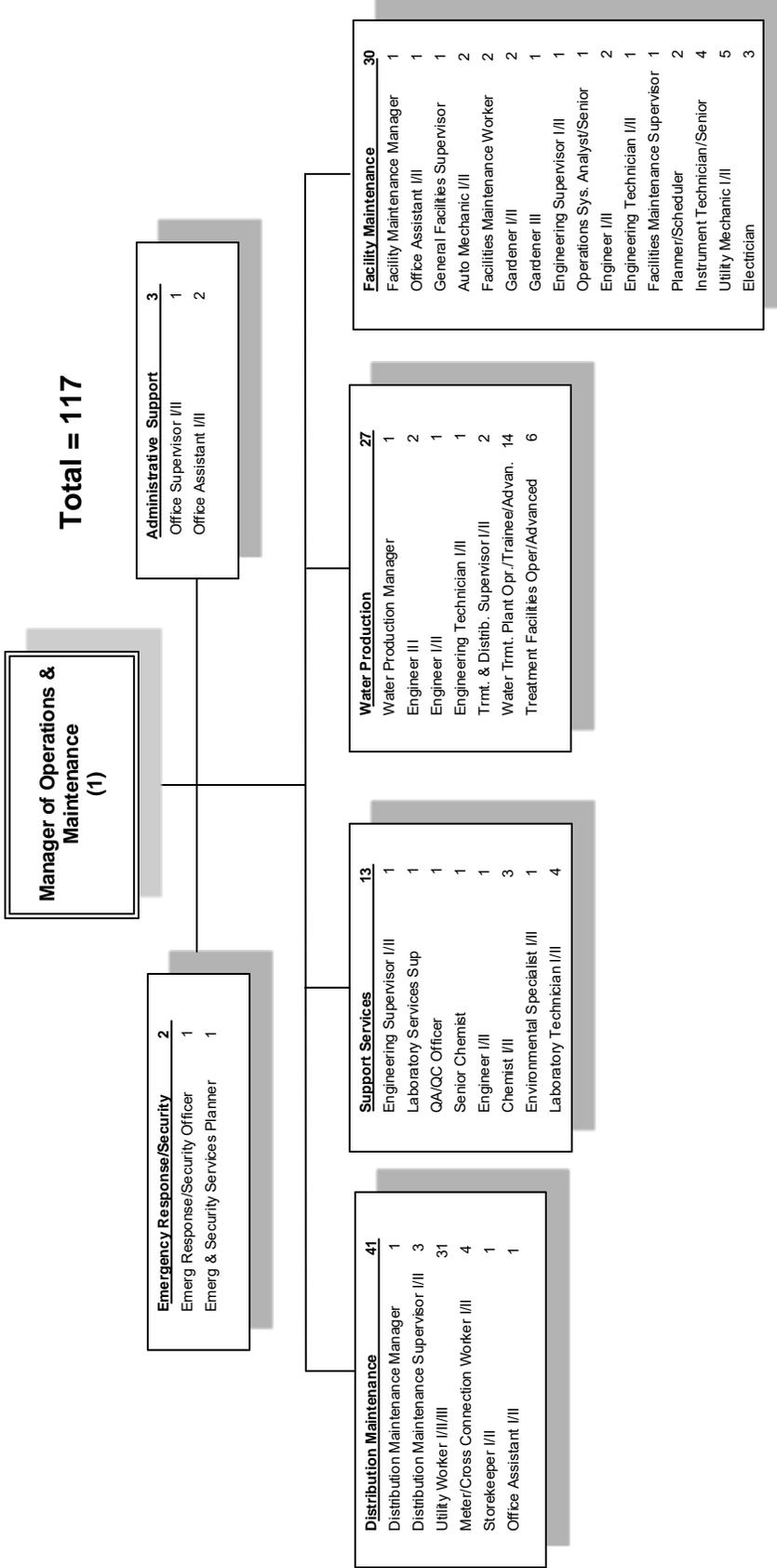
**ALAMEDA COUNTY WATER DISTRICT
ENGINEERING & TECHNOLOGY SERVICES DEPARTMENT
FY 2019/20 & FY 2020/21**



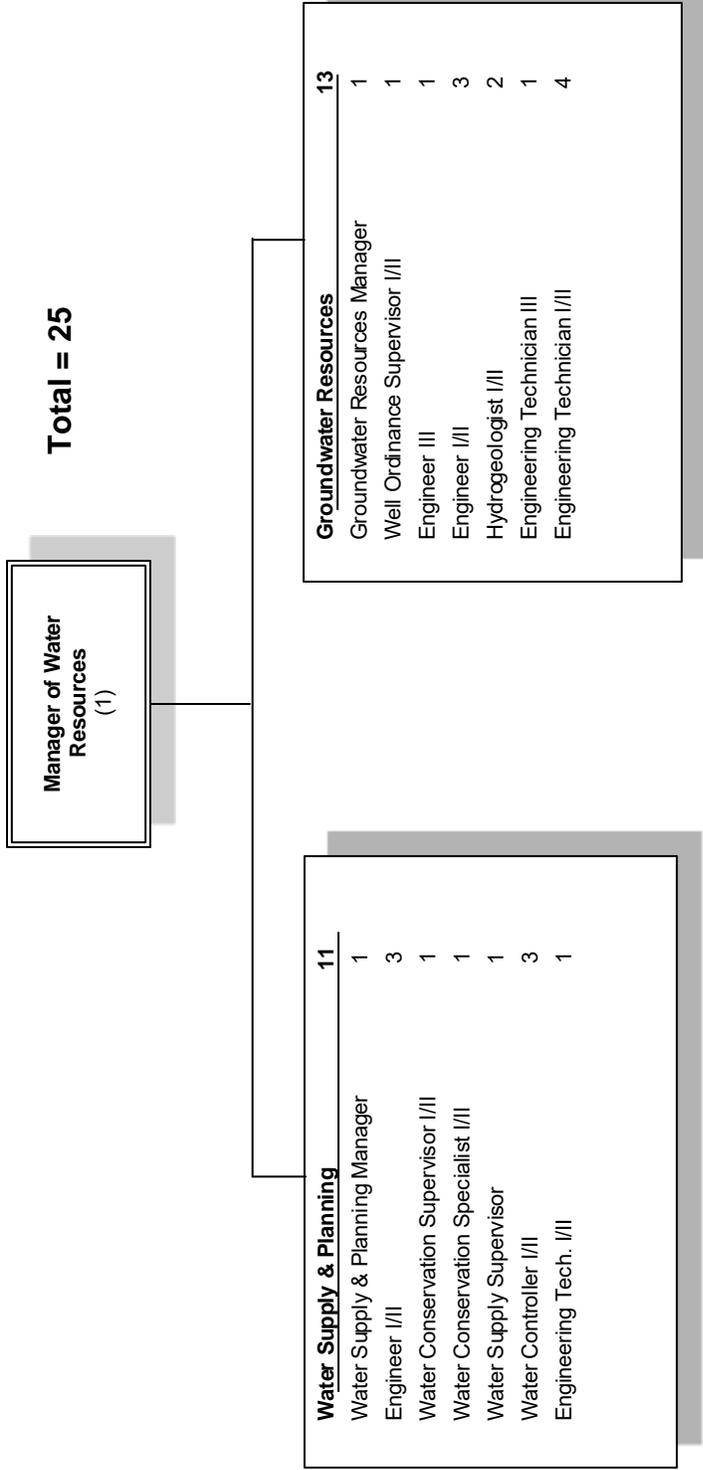
ALAMEDA COUNTY WATER DISTRICT
FINANCE DEPARTMENT
FY 2019/20 & FY 2020/21



**ALAMEDA COUNTY WATER DISTRICT
OPERATIONS & MAINTENANCE DEPARTMENT
FY 2019/20 & FY 2020/21**



**ALAMEDA COUNTY WATER DISTRICT
WATER RESOURCES DEPARTMENT
FY 2019/20 & FY 2020/21**



**ALAMEDA COUNTY WATER DISTRICT
PERSONNEL BUDGET
SUMMARY**

DEPARTMENT	FY 2018/19 Adopted		FY 2018/19 Amended		FY 2019/20 Adopted		FY 2020/21 Adopted	
	TEMP/ FULL TIME PART TIME		TEMP/ FULL TIME PART TIME		TEMP/ FULL TIME PART TIME		TEMP/ FULL TIME PART TIME	
	FULL TIME	PART TIME						
OFFICE OF THE GENERAL MGR	13.0	1.0	13.0	1.0	13.0	1.0	13.0	1.0
ENGINEERING & TECH SVCS	39.0	1.0	41.0	1.0	41.0	1.0	41.0	1.0
FINANCE	36.0	2.0	37.0	2.0	37.0	2.0	37.0	2.0
OPERATIONS & MAINTENANCE	117.0	2.0	117.0	2.0	117.0	2.0	117.0	2.0
WATER RESOURCES	25.0	4.0	25.0	4.0	25.0	4.0	25.0	4.0
TOTAL DISTRICT	230.0	10.0	233.0	10.0	233.0	10.0	233.0	10.0

**ALAMEDA COUNTY WATER DISTRICT
PERSONNEL BUDGET
OFFICE OF THE GENERAL MANAGER**

CLASSIFICATION	FY 2018/19 Adopted	FY 2018/19 Amended	FY 2019/20 Adopted	FY 2020/21 Adopted
ADMINISTRATIVE ANALYST I/II/III	1.0	1.0	1.0	1.0
ADMINISTRATIVE OFFICE ASSISTANT III	1.0	1.0	1.0	1.0
EXECUTIVE ASSISTANT/DISTRICT SECRETARY	1.0	1.0	1.0	1.0
GENERAL MANAGER	1.0	1.0	1.0	1.0
HUMAN RESOURCES ANALYST I/II	3.0	3.0	3.0	3.0
HUMAN RESOURCES TECHNICIAN I/II	2.0	2.0	2.0	2.0
HUMAN RESOURCES/RISK MANAGER	1.0	1.0	1.0	1.0
PUBLIC AFFAIRS SPECIALIST III	1.0	1.0	1.0	1.0
PUBLIC AFFAIRS SUPERVISOR	-	1.0	1.0	1.0
SPECIAL ASSISTANT TO THE GENERAL MANAGER	1.0	-	-	-
WORKPLACE HEALTH & SAFETY OFFICER	1.0	1.0	1.0	1.0
TOTAL OGM - FULL TIME	13.0	13.0	13.0	13.0

CLASSIFICATION	FY 2018/19 Adopted	FY 2018/19 Amended	FY 2019/20 Adopted	FY 2020/21 Adopted
PUBLIC & COMMUNITY AFFAIRS INTERN	1.0	1.0	1.0	1.0
TOTAL OGM - TEMPORARY/PART TIME	1.0	1.0	1.0	1.0

**ALAMEDA COUNTY WATER DISTRICT
PERSONNEL BUDGET
ENGINEERING AND TECHNOLOGY SERVICES**

CLASSIFICATION	FY 2018/19 Adopted	FY 2018/19 Amended	FY 2019/20 Adopted	FY 2020/21 Adopted
CONSTRUCTION INSPECTOR I/II	2.0	2.0	2.0	2.0
CONSTRUCTION INSPECTOR I/II (DEFINED TERM)	-	1.0	1.0	1.0
DEVELOPMENT SERVICES MANAGER	1.0	1.0	1.0	1.0
ENGINEER I/II	8.0	8.0	8.0	8.0
ENGINEER III	4.0	4.0	4.0	4.0
ENGINEERING SUPERVISOR I/II	2.0	2.0	2.0	2.0
ENGINEERING TECHNICIAN I/II	5.0	5.0	5.0	5.0
ENGINEERING TECHNICIAN I/II (DEFINED TERM)	-	1.0	1.0	1.0
ENGINEERING TECHNICIAN III	2.0	2.0	2.0	2.0
INFORMATION SYSTEMS ANALYST I/II	1.0	1.0	1.0	1.0
INFORMATION TECHNOLOGY MANAGER	1.0	1.0	1.0	1.0
INFORMATION TECHNOLOGY SUPERVISOR	1.0	1.0	1.0	1.0
MANAGER OF ENGINEERING & TECH SERVICES	1.0	1.0	1.0	1.0
NETWORK ADMINISTRATOR I/II	1.0	1.0	1.0	1.0
NETWORK ANALYST I/II	1.0	1.0	1.0	1.0
NETWORK TECHNICIAN	1.0	1.0	1.0	1.0
OFFICE ASSISTANT I/II	3.0	3.0	3.0	3.0
OFFICE SUPERVISOR I/II	1.0	1.0	1.0	1.0
PROJECT ENGINEERING MANAGER	1.0	1.0	1.0	1.0
SENIOR BUSINESS ANALYST	1.0	1.0	1.0	1.0
SENIOR INFORMATION SYSTEMS ANALYST	1.0	1.0	1.0	1.0
SERVER AND SYSTEMS ADMINISTRATOR I/II	1.0	1.0	1.0	1.0
TOTAL ETS - FULL TIME	39.0	41.0	41.0	41.0
CLASSIFICATION	FY 2018/19 Adopted	FY 2018/19 Amended	FY 2019/20 Adopted	FY 2020/21 Adopted
WORK EXPERIENCE EDUCATION STUDENT	1.0	1.0	1.0	1.0
TOTAL ETS - TEMPORARY/PART TIME	1.0	1.0	1.0	1.0

**ALAMEDA COUNTY WATER DISTRICT
PERSONNEL BUDGET
FINANCE**

CLASSIFICATION	FY 2018/19 Adopted	FY 2018/19 Amended	FY 2019/20 Adopted	FY 2020/21 Adopted
ACCOUNTANT I/II	3.0	3.0	3.0	3.0
ACCOUNTING ASSISTANT I/II	3.0	3.0	3.0	3.0
ACCOUNTING SUPERVISOR I/II	1.0	1.0	1.0	1.0
ACCOUNTING AND TREASURY MANAGER	1.0	1.0	1.0	1.0
ADMINISTRATIVE ANALYST I/II	1.0	1.0	1.0	1.0
BUYER I/II	1.0	1.0	1.0	1.0
CUSTOMER ACCOUNT FIELD REPRESENTATIVE	2.0	2.0	2.0	2.0
CUSTOMER ACCOUNT REPRESENTATIVE I/II	7.0	7.0	7.0	7.0
CUSTOMER ACCOUNT REPRESENTATIVE III	1.0	1.0	1.0	1.0
CUSTOMER SERVICE SUPERVISOR I/II	1.0	1.0	1.0	1.0
CUSTOMER SVCS AND SYSTEMS MANAGER	1.0	1.0	1.0	1.0
FINANCIAL SYSTEMS ANALYST I/II	1.0	1.0	1.0	1.0
MANAGER OF FINANCE	1.0	1.0	1.0	1.0
METER READER	5.0	5.0	5.0	5.0
METER READER (DEFINED TERM)	-	1.0	1.0	1.0
METER READING SUPERVISOR	1.0	1.0	1.0	1.0
OFFICE ASSISTANT I/II	1.0	1.0	1.0	1.0
PROCUREMENT SPECIALIST/BUYER I/II	1.0	1.0	1.0	1.0
PURCHASING OFFICER I/II	1.0	1.0	1.0	1.0
RATES, FINANCIAL ANALYSIS & BUDGET MGR	1.0	-	-	-
SENIOR BUYER	1.0	1.0	1.0	1.0
SENIOR FINANCIAL ANALYST	1.0	1.0	1.0	1.0
SUPERVISING FINANCIAL ANALYST	-	1.0	1.0	1.0
TOTAL FIN - FULL TIME	36.0	37.0	37.0	37.0
CLASSIFICATION	FY 2018/19 Adopted	FY 2018/19 Amended	FY 2019/20 Adopted	FY 2020/21 Adopted
WORK EXPERIENCE EDUCATION STUDENT	2.0	2.0	2.0	2.0
TOTAL FIN - TEMPORARY/PART TIME	2.0	2.0	2.0	2.0

**ALAMEDA COUNTY WATER DISTRICT
PERSONNEL BUDGET
OPERATIONS AND MAINTENANCE**

CLASSIFICATION	FY 2018/19 Adopted	FY 2018/19 Amended	FY 2019/20 Adopted	FY 2020/21 Adopted
AUTO MECHANIC I/II	2.0	2.0	2.0	2.0
CHEMIST I/II	3.0	3.0	3.0	3.0
DISTRIBUTION MAINTENANCE MANAGER	1.0	1.0	1.0	1.0
DISTRIBUTION MAINTENANCE SUPERVISOR I/II	3.0	3.0	3.0	3.0
ELECTRICIAN	3.0	3.0	3.0	3.0
EMERGENCY RESPONSE/SECURITY OFFICER	1.0	1.0	1.0	1.0
EMER & SECURITY SVCS PLANNER	-	1.0	1.0	1.0
ENGINEER I/II	4.0	4.0	4.0	4.0
ENGINEER III	2.0	2.0	2.0	2.0
ENGINEERING SUPERVISOR I/II	1.0	2.0	2.0	2.0
ENGINEERING TECHNICIAN I/II	1.0	2.0	2.0	2.0
ENVIRONMENTAL SPECIALIST I/II	1.0	1.0	1.0	1.0
FACILITIES MAINTENANCE MANAGER	1.0	1.0	1.0	1.0
FACILITIES MAINTENANCE SUPERVISOR	1.0	1.0	1.0	1.0
FACILITIES MAINTENANCE WORKER	2.0	2.0	2.0	2.0
GARDENER I/II	2.0	2.0	2.0	2.0
GARDENER III	1.0	1.0	1.0	1.0
GENERAL FACILITIES SUPERVISOR	1.0	1.0	1.0	1.0
INSTRUMENT TECHNICIAN/SENIOR	4.0	4.0	4.0	4.0
LABORATORY SERVICES SUPERVISOR	1.0	1.0	1.0	1.0
LABORATORY TECHNICIAN I/II	4.0	4.0	4.0	4.0
MANAGER OF OPERATIONS AND MAINTENANCE	1.0	1.0	1.0	1.0
METER/CROSS CONNECTION WORKER I/II	4.0	4.0	4.0	4.0
OFFICE SUPERVISOR I/II	1.0	1.0	1.0	1.0
OFFICE ASSISTANT I/II	5.0	4.0	4.0	4.0
OPERATIONS SYSTEMS ANALYST/SENIOR	1.0	1.0	1.0	1.0
PLANNER/SCHEDULER	2.0	2.0	2.0	2.0
QA/QC OFFICER	1.0	1.0	1.0	1.0
SENIOR CHEMIST	1.0	1.0	1.0	1.0
STOREKEEPER I/II	1.0	1.0	1.0	1.0

**ALAMEDA COUNTY WATER DISTRICT
PERSONNEL BUDGET
OPERATIONS AND MAINTENANCE**

CLASSIFICATION	FY 2018/19 Adopted	FY 2018/19 Amended	FY 2019/20 Adopted	FY 2020/21 Adopted
SUPPORT SERVICES MANAGER	1.0	-	-	-
TREATMENT & DISTRIBUTION SUPERVISOR I/II	2.0	2.0	2.0	2.0
TREATMENT FACILITIES OPERATOR/TRAINEE/ADV	8.0	6.0	6.0	6.0
UTILITY MECHANIC I/II	5.0	5.0	5.0	5.0
UTILITY WORKER I/II/III	31.0	31.0	31.0	31.0
WATER PRODUCTION MANAGER	1.0	1.0	1.0	1.0
WATER TREATMENT PLANT OPERATOR/TRAINEE/ADV	13.0	14.0	14.0	14.0
TOTAL OM - FULL TIME	117.0	117.0	117.0	117.0

CLASSIFICATION	FY 2018/19 Adopted	FY 2018/19 Amended	FY 2019/20 Adopted	FY 2020/21 Adopted
INTERN	2.0	2.0	2.0	2.0
TOTAL OM - TEMPORARY/PART TIME	2.0	2.0	2.0	2.0

**ALAMEDA COUNTY WATER DISTRICT
PERSONNEL BUDGET
WATER RESOURCES**

CLASSIFICATION	FY 2018/19 Adopted	FY 2018/19 Amended	FY 2019/20 Adopted	FY 2020/21 Adopted
ENGINEER I/II	6.0	6.0	6.0	6.0
ENGINEER III	1.0	1.0	1.0	1.0
ENGINEERING TECHNICIAN I/II	5.0	5.0	5.0	5.0
ENGINEERING TECHNICIAN III	1.0	1.0	1.0	1.0
GROUNDWATER RESOURCES MANAGER	1.0	1.0	1.0	1.0
HYDROGEOLOGIST I/II	2.0	2.0	2.0	2.0
MANAGER OF WATER RESOURCES	1.0	1.0	1.0	1.0
WATER CONSERVATION SPECIALIST I/II	1.0	1.0	1.0	1.0
WATER CONSERVATION SUPERVISOR I/II	1.0	1.0	1.0	1.0
WATER CONTROLLER I/II	3.0	3.0	3.0	3.0
WATER SUPPLY & PLANNING MANAGER	1.0	1.0	1.0	1.0
WATER SUPPLY SUPERVISOR	1.0	1.0	1.0	1.0
WELL ORDINANCE SUPERVISOR I/II	1.0	1.0	1.0	1.0
TOTAL WR - FULL TIME	25.0	25.0	25.0	25.0
CLASSIFICATION	FY 2018/19 Adopted	FY 2018/19 Amended	FY 2019/20 Adopted	FY 2020/21 Adopted
ENGINEERING INTERN	4.0	4.0	4.0	4.0
TOTAL WR - TEMPORARY/PART TIME	4.0	4.0	4.0	4.0