

A large, stylized water drop graphic in shades of blue, positioned in the background behind the text.

**LAGUNA  
BEACH  
WATER  
DISTRICT**

**2019-2020  
ANNUAL BUDGET**

# LAGUNA BEACH Water District

## 2019-2020 Annual Budget

Adopted: June 13, 2019

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## DISTRICT OVERVIEW

**S**ince 1925, the Laguna Beach Water District (District) has proudly provided retail water service to our customers. The mission of the District is to furnish a high quality, reliable water supply in a financially responsible manner, while promoting water-use efficiency.

### History of the District

Until the early 1920's, the residents of Laguna Beach relied on privately owned shallow wells and intermittent rainfall for their water supply. Then, in the mid-20s, poor water quality and well failure combined to make an alternate water source urgent. The Laguna Beach County Water District was created by public vote in 1925. A year later, District voters approved a \$600,000 bond issue to purchase a well site in Huntington Beach, construct a transmission line, and acquire an existing private water company to provide service. The original bond was paid off in 1955.

With its continuing growth, the District was unable to rely solely on its wells and looked to imported water supplies. In 1943, it started purchasing 100 percent of its supply from Colorado River water supplied by the Metropolitan Water District of Southern California. The District remained solely dependent on imported water supplies until 2016 when an historic agreement was reached with the Orange County Water District. The agreement reestablished the District's right to resume its groundwater pumping in the Santa Ana Basin, ensuring that more than half of the District's water supply would be provided locally.

### The District Today

The District's water is provided from local groundwater supplies (Santa Ana River Basin) and imported water from the Colorado River and Northern California. In our continuing efforts to supply a reliable source of water for the community, the District continues to look into other water supply projects as future additional sources of water. The District provides water services to approximately 19,240 people within an 8.5 square mile area of southern Orange County, including portions of the city of Laguna Beach and Crystal Cove State Park.

On January 1, 2004, Emerald Bay Services District was deannexed from the District's service area. This represents approximately 1,086 customers (551 services) or 6 percent of the District's services and accounts for approximately 247 acre feet of water provided by the District. The District continues to provide water service and administrative support through an agreement with Emerald Bay Services District.

The District's 8,670 service connections are mostly residential water users. This year the District will purchase about 3,600 acre-feet of water. This is equal to approximately 1.17 billion gallons delivered on an annual basis. An acre-foot of water is enough to cover a football field one-foot deep or serve two average sized households for a year.

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## DISTRICT OVERVIEW (continued)

### Operations

There are 21 water storage reservoirs with a total storage capacity of 33.5 million gallons within the District, providing up to approximately ten days of water to the community in the event of an emergency. These reservoirs are located within five elevation zones to ensure reliable distribution to all customers. They are monitored by the District's state-of-the-art telemetry system, allowing District personnel to manage water distribution throughout the system from the District's headquarters. District staff operates and maintains 37 pumps in 12 pumping stations, a total approximate connected horsepower of 2,660. The system encompasses 135 miles of distribution pipelines, which range in diameter from 4 to 16 inches.

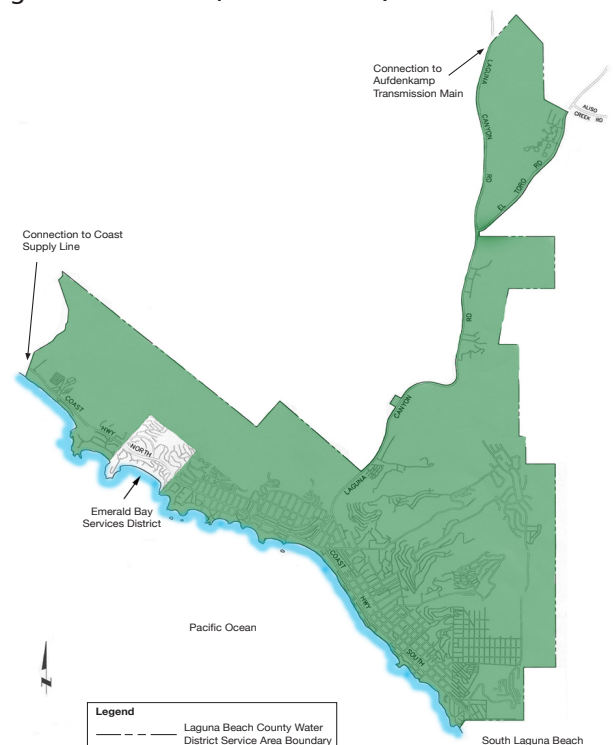
As lead agency in a joint powers relationship with the Irvine Ranch Water District, City of Newport Beach, and the Santa Margarita Water District, the District also operates and maintains the Aufdenkamp and the Coast Supply transmission lines. These pipelines range in size from 24 to 42 inches in diameter and provide the District's imported water supply.

### How the District is Governed

The publicly-elected Laguna Beach City Council members serve as the Board of Directors of the Laguna Beach County Water District, providing local control over the policies and decisions affecting water service in the community. The Board meets quarterly. The public is welcome.

A District Commission is appointed by the Board to serve in an advisory capacity to the Board. The Commission meets the second Tuesday of each month at 4:30PM in the District's offices at 306 Third Street, Laguna Beach. The public is always welcome.

### District Service Area Map



## BUDGET ASSUMPTIONS

**T**he proposed fiscal year (FY) 2019/20 Operating Budget increases from the FY 2018/19 Operating Budget by 5.2 percent.

### Labor

The 2019/20 labor budget has increased 7.4 percent or \$228,340 above the 2018/19 budgeted amounts. This is based on the following factors:

1. 39 Full-time positions (39 in 2018/19)
2. 0 Part-time positions (0 in 2018/19)
3. Cost of Living Adjustment (COLA) 2019/20 - 3.8 percent  
(COLA 2018/19 - 3.0 percent)
4. Merit range remains at 0 to 2.5 percent based on performance.

### Benefits

The 2019/20 benefits budget has increased 4.5 percent or \$89,730 above the 2018/19 budgeted amount. This is based on the following factors:

1. PERS
  - A. Employer Contribution 2019/20 – 10.22 percent (2018/19 – 9.41 percent) plus approximate \$380,945 payment to Unfunded Liabilities (2018/19 – \$291,435)
  - B. Employee Contributions 2019/20 – 7 percent (fully funded by employee)
  - C. Employer Contributions hired after Jan 1, 2013 - 6.53 percent
  - D. Employee Contributions hired after Jan 1, 2013 - 6.25 percent
2. Insurance
  - A. Workers Comp Insurance E-Mod Rate 2019/20 - Estimated 1.24  
(2018/19 - 1.25)
  - B. Workers Comp Insurance 2019/20 Rates remain the same.
  - C. Medical insurance projected to increase January 2020 by an estimated 5.0 percent. Employee portion of medical insurance premium 2019/20 - 25 percent over single rate
  - D. No Dental Insurance increase.
  - E. All other insurance coverage remain at same levels as 2018/19.

### Water Purchases

The 2019/20 projected cost for water purchases increases by 12.3 percent or \$354,626 above the 2018/19 estimated actuals. This projected increase is due to increased water purchase unit costs and projected increase in customer demand.

1. Water Purchases
  - A. Projected volume of water purchases is 1,600 acre feet (AF) of imported supply and 2,000 AF of groundwater supply (3,452 AF in 2018/19).
2. MWD Water Rates
  - A. Water Rate - \$1,050/AF - July through December 2019. \$1,078/AF - January through June 2020.
  - B. Readiness to Serve Charges (RTS - 2019/20 - \$131,632/yr (2018/19 - \$158,964/yr)
  - C. MWD Capacity Charges - 2019/20 - \$53,124 (2018/19 - \$52,414/yr)

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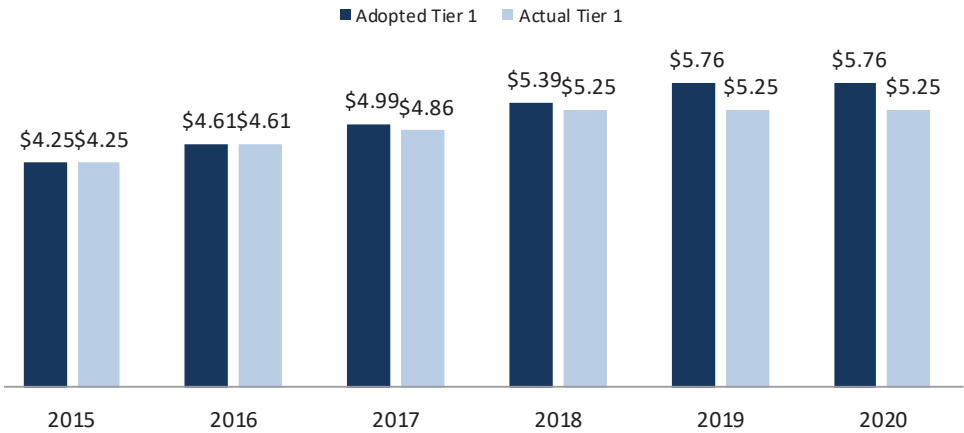
**BUDGET ASSUMPTIONS (continued)**

- 3. MWDOC Charges
  - A. 2019/20 - \$12.40 per meter (\$12.25 in 2018/19)
- 4. Groundwater Charges
  - A. Groundwater Rate - \$487/AF - 2019/20 (\$462/AF - 2018/19)
  - b. Delivery Cost from Newport Beach - \$115/AF - 2019/20 (\$115/AF - 2018/19)

**Water Sales**

Water sales are estimated at 3,420 AF. The District is estimating a 5.0 percent unaccounted for water loss, which is the difference between the amount of water received and the amount billed to customers. In October 2014, the District’s Board of Directors adopted Resolution 799, setting a 5-year rate setting strategy. The first increase took effect November 1, 2014. All following increases become effective on and after November 1 of each year beginning in 2015. The Tier 1 commodity rate for 2019 remains at \$5.25 and the Tier 2 commodity rate increases to \$9.09. The Board adopted rate for 2019 is \$5.76 for Tier 1 usage and \$9.09 for Tier 2 . The District’s ability to maintain the 2019 Tier 1 rate is due to the District’s signing of an historic agreement to resume its right to pump groundwater from the Santa Ana River Basin in 2016, reducing the District’s water supply costs.

**LBCWD Rate Schedule - Tier 1 (Adopted vs. Actual)**



**Commodity Rate:** The FY 2019/20 water sales revenue projection is based on the following commodity rates:

2019 Tier 1 Rate:	\$5.25	2020 Tier 1 Rate:	\$5.25 (no increase)
2019 Tier 2 Rate:	\$8.61	2020 Tier 2 Rate:	\$9.09

Water sales revenue from Tier 2, which is used to fund the District’s Water Use Efficiency Programs, is estimated to be \$566,200.

**Bi-monthly Service Charge:** The bi-monthly service charge, which is based on the size of the customer meter, will remain the same.

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## BUDGET ASSUMPTIONS (continued)

### Reserves

In 2015, the Board adopted Resolution 805 which established minimum target balances for reserves. The policy target balance fluctuates from year to year based on projected capital needs, water purchase costs, and level of operating expenses. Based on the revenue and expenditure assumptions and projections contained in this FY 2019/20 budget, a net increase in reserves is projected. The FY 2019/20 ending reserves balance is projected to remain above the minimum funding levels required in the District's Reserve Policy.

# REVENUE AND EXPENDITURES

## Allocation of Projected Revenue vs. Expenditures

	PROJECTED 2019/20
<hr/>	
<b>OPERATING REVENUE</b>	\$11,588,410
LESS: OPERATION AND MAINTENANCE EXPENSE	11,425,250
OPERATING INCOME/(LOSS)	<u>163,160</u>
<b>CAPITAL REVENUE</b>	3,925,790
LESS: CAPITAL EXPENDITURES	3,957,500
CAPITAL INCREASE/(DECREASE)	<u>(31,710)</u>
<b>NET INCREASE TO/(DECREASE FROM) RESERVES</b>	<u><u>\$ 131,450</u></u>

**Analysis of 2019/20 Budget Revenue Projection**

	BUDGET 2018/19	BUDGET 2019/20
<b>OPERATING REVENUE</b>		
WATER SALES	\$ 11,226,540	\$ 11,360,840
FIRE SERVICE	11,570	11,570
ADMINISTRATIVE FEES & PENALTIES	85,000	65,000
ENGINEERING/PLANNING FEES		5,000
OVERHEAD CHARGE	15,000	8,000
EQUIPMENT CHARGE	18,000	18,000
MISCELLANEOUS REVENUE	60,000	40,000
SERVICE INSTALLATION FEES		80,000
TOTAL OPERATING REVENUE	11,416,110	11,588,410
TOTAL OPERATION & MAINTENANCE EXPENSE	10,864,350	11,425,250
<b>NET OPERATING GAIN/(LOSS)</b>	551,760	163,160
<b>CAPITAL REVENUE</b>		
WATER CAPACITY FEES	40,000	151,100
PROPERTY LEASE REVENUE	36,950	39,600
ANTENNAE LEASE REVENUE	373,250	398,840
INTEREST REVENUE	321,240	300,000
PROPERTY TAX REVENUE	2,776,190	3,035,850
TOTAL CAPITAL REVENUE	3,547,630	3,925,790
CAPITAL EXPENDITURES	3,881,000	3,957,500
NET CAPITAL GAIN/(LOSS)	(333,370)	(31,710)
NET INCREASE TO/(DECREASE FROM) RESERVES	<b>\$ 218,300</b>	<b>\$ 131,450</b>

# BUDGET OVERVIEW

## 2019/20 Operating Budget

The operating budget includes the day-to-day operations of the District, which includes operations and maintenance, customer service, engineering, water use efficiency, human resources, finance, and administration. For this fiscal year, there is a projected \$560,900 increase in expenditures. This equates to a 5.2 percent increase from the previous year's operating budget.

### Water Purchases

In 2016, the District secured its groundwater right of 2,025 acre-feet of water from the Santa Ana Groundwater Basin reducing its 100 percent dependence on imported water supplies. Total groundwater costs are projected to be \$602 per acre-foot. This cost consists of supply charges from the Orange County Water District (OCWD), projected to be \$487 per acre-foot, and delivery charges from the City of Newport Beach, projected at \$115 per acre-foot. Import water purchases from Metropolitan Water District of Orange County (MWDOC) are estimated at 3,600 acre-feet for the fiscal year. The District's wholesale rates charged by MWDOC, which incorporate supply costs from Metropolitan Water District (MWD), will increase from \$1,050 to \$1,078 an acre-foot in January 2020. This \$38 increase comes on top of a \$35 per acre-foot increase last year for imported water. In addition, MWDOC increased its meter connection charge from \$12.25 to \$12.40. Therefore, total water purchase costs are projected to increase by \$29,910 for the 2019/20 Budget.

### Labor and Benefits

Labor and benefits are projected to increase \$318,070 due to merit increases, a 3.8 percent cost of living adjustment, and a 5.0 percent increase in insurance premiums. The District will contribute 10.2 percent of payroll to PERS. In addition, the District's FY 2019/20 PERS unfunded liability premium is \$380,945, versus last year's contribution of 9.4 percent plus \$291,435 for the PERS unfunded liability obligation. Employees will contribute 7.0 percent of salary to cover all of their contribution to PERS. All other benefit coverages are either based upon no change or have been adjusted accordingly for inflation. Workers' Compensation Insurance rates are expected to remain the same as last year, but the carrier's experience modification ("e-mod") rate will decrease from 125 to 124. This decrease in the e-mod rate will result in a slightly reduced workers' compensation premium for FY 2019/20.

### Field and Maintenance

The field operations and maintenance component of the budget, including labor and benefits less water costs, are projected to increase by \$328,260 or 8.0 percent. This area covers operation and maintenance of the District's facilities, which include supply lines, reservoirs, pump stations, distribution pipelines and appurtenances, vehicle maintenance, and buildings. No appreciable program changes are projected for this fiscal year. The change in this area is attributed to increased maintenance activity on reservoirs, mainlines, and meters, and increased costs related to the District's SCADA program.

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## BUDGET OVERVIEW (continued)

### General Manager's Office

Expenses relating to the Board, Commission, General Manager, Legal, Audit, Human Resources, and professional memberships, such as the Association of California Water Agencies (ACWA) and the American Water Works Association (AWWA), are under the General Manager's Office section. A projected increase of \$20,390 or 2.6 percent is mainly due to labor, benefits, and professional development activity.

### Administration and Customer Service

Expenses in Administration and Customer Service budget are projected to increase by \$58,720 or 5.9 percent this year. Expenses included in the Administration and Customer Service area include meter reading, records retention and destruction, data management, and customer billing.

### Water Use Efficiency

The water use efficiency program budget is projected to increase by \$53,110, or 14.0 percent, due to an increase in labor and benefit costs, primarily for the District's Smartscape Expo water use efficiency event planning and operation. The District's water use efficiency efforts focus on establishing a long-term water conservation framework, community education, outreach, program development, and increased program participation, all while improving the District's drought resiliency. It is important to note the District's water use efficiency programs are funded through the District's Tier 2 Rate generated by those customers using in excess of their water budget. Tier 2 rates fund the District's conservation programs and public information related to water use efficiency.

### Finance

The finance section of the budget is projected to increase \$29,380 or 3.7 percent. General office expense, labor, and benefits account for the increased costs.

### Engineering

The engineering section of the budget is projected to increase by \$41,130 or 6.4 percent. The engineering department provides technical expertise to support operation of the District. The projected increase is due to higher labor, benefits, and materials costs.

## 2019/20 Capital Budget

This year, the District proposes to spend \$3,957,500 on capital projects, an increase of 2.0 percent compared to the 2018/19 Capital Budget.

### Joint Powers Projects

The District manages the Aufdenkamp Transmission Main and the Coast Supply Line, which are both jointly owned with other water agencies. This category covers projects specific to these facilities and costs are shared by each agency according to its capacity rights in each pipeline. The District's share of costs is projected to be \$52,500.

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## BUDGET OVERVIEW (continued)

### Reservoir and Pump Station Projects

These projects are too large to be considered maintenance items. Eight (8) projects totaling \$590,000 are proposed for this fiscal year. They include upgrades and replacements at various District pump stations and reservoirs.

### Transmission and Distribution

The majority of work in this category includes upgrades to, and replacements of, District service lines, valves, fire hydrants, and meters before asset failure occurs. This year, \$1,400,000 is proposed to be expended in this category, with a combined \$800,000 being allocated for the replacement of 50 valves and 25 hydrants within the District service area.

### Office Equipment and Technology

This category includes network upgrades/replacements, upgrades to the District's SCADA system, miscellaneous office furnishings in need of replacement, and computer replacements. The SCADA System upgrades and replacement of radios accounts for \$725,000 of the \$890,000 budget.

### Equipment and Vehicles

The District replaces equipment and vehicles based on wear and tear, cost of maintenance, and mileage. Scheduled for purchase or replacement this year are a crane truck, vacuum for a valve turning truck, trailer for a pump station, and a bypass pump and generator. Total projected expenses are \$275,000.

### Facility Upgrades

This category covers upgrades and replacements to the remaining District facilities that are not covered under reservoirs, pump stations, or pipelines. This fiscal year, \$130,000 is budgeted for upgrades to the District's operations training room, locker room, and employee break room.

### Water Supply Projects

The District secured its groundwater right of 2,025 acre-feet of water in 2016. Included in this category is the payment or "buy-in" fee to Orange County Water District for the use of its assets (wells, pipes, pumps, etc.). This is the 4th of five (5) scheduled annual payments.

## 2018/19 &amp; 2019/20 OPERATING AND MAINTENANCE BUDGET COMPARISON

SECTION/PAGE	DESCRIPTION	BUDGET 2018/19	BUDGET 2019/20
5-15	<b>OPERATIONS - SOURCE OF SUPPLY (51000)</b>		
	SOURCE OF SUPPLY - SYSTEM OPERATIONS (51100)	\$ -	\$ -
	SOURCE OF SUPPLY-CSL (51200)	68,750	72,380
	SOURCE OF SUPPLY-ATM (51300)	145,460	158,170
	SOURCE OF SUPPLY-WELLS (51400)	-	-
	PURCHASED WATER (51500)	3,172,720	3,202,630
	<b>TOTAL SOURCE OF SUPPLY</b>	<b>3,386,930</b>	<b>3,433,180</b>
5-16	<b>OPERATIONS - PUMPING (52000)</b>		
	PUMPING EXPENSE (52100)	520,960	513,150
	PUMPING POWER (52200)	240,000	255,000
	<b>TOTAL PUMPING</b>	<b>760,960</b>	<b>768,150</b>
5-17	<b>OPERATIONS - TRANSMISSION &amp; DISTRIBUTION (54000)</b>		
	RESERVOIR EXPENSE (54100)	958,420	1,004,820
	MAINLINE EXPENSE (54200)	1,423,390	1,520,520
	METER EXPENSE (54300)	136,160	224,150
	VALVE, VAULT, FIRE HYDRANT EXPENSE (54400)	276,440	293,230
	PAVING EXPENSE (54500)	60,000	50,000
	GENERAL PLANT - EQUIPMENT O&M (54600)	-	-
	GENERAL PLANT - BUILDING (54700)	273,910	295,330
	SCADA EXPENSE (54800)	-	45,000
	<b>TOTAL TRANSMISSION &amp; DISTRIBUTION</b>	<b>3,128,320</b>	<b>3,433,050</b>
5-18	<b>GENERAL MANAGERS OFFICE (55000)</b>		
	GENERAL MANAGERS EXPENSE (55100)	407,020	431,650
	HUMAN RESOURCES (55200)	170,070	181,070
	COMMISSION/BOARD (55400)	122,450	117,590
	LEGAL (55500)	74,400	64,020
	AUDIT(55600)	20,400	20,400
	<b>TOTAL GENERAL MANAGERS OFFICE</b>	<b>794,340</b>	<b>814,730</b>
5-19	<b>ADMINISTRATION AND CUSTOMER SERVICE (56000 &amp; 57000)</b>		
	ADMINISTRATIVE EXPENSE (56100)	193,110	185,080
	DATA MANAGEMENT (56200)	78,000	97,760
	RECORDS RETENTION (56300)	720	720
	PUBLIC INFORMATION (56400)	43,440	31,260
	DISTRICT RECOGNITION (56800)	26,220	18,780
	CUSTOMER SERVICE (57200)	648,700	715,310
	<b>TOTAL ADMINISTRATION AND CUSTOMER SERVICE</b>	<b>990,190</b>	<b>1,048,910</b>
5-20	<b>WATER USE EFFICIENCY (57500)</b>		
	OFFICE EXPENSE (57510)	226,680	237,070
	PROGRAMS/REBATES (57520)	72,000	73,200
	OUTREACH/EVENTS/SPONSORSHIPS (57530)	58,800	58,800
	DEVICES/MATERIALS (57540)	9,000	15,000
	SMARTSCAPE INFO/EXPO (57550)	12,420	47,940
	<b>TOTAL WATER USE EFFICIENCY</b>	<b>378,900</b>	<b>432,010</b>
5-21	<b>FINANCE (58000)</b>		
	FINANCE EXPENSE (58100)	540,260	565,640
	GENERAL OFFICE EXPENSE (58200)	76,860	76,960
	INSURANCE (58300)	168,780	172,680
	INSURANCE CLAIMS (58400)	-	-
	<b>TOTAL FINANCE</b>	<b>785,900</b>	<b>815,280</b>
5-22	<b>ENGINEERING (59000)</b>		
	ENGINEERING EXPENSE (59100)	394,910	413,010
	WATER QUALITY EXPENSE (59200)	243,900	266,930
	<b>TOTAL ENGINEERING</b>	<b>638,810</b>	<b>679,940</b>
	<b>TOTAL OPERATING BUDGET</b>	<b>\$ 10,864,350</b>	<b>\$ 11,425,250</b>

**2019/20 OPERATING AND MAINTENANCE BUDGET SUMMARY BY EXPENSE**

SECTION/PAGE	DESCRIPTION	BUDGET 2018/19	BUDGET 2019/20
5-15	<b>OPERATIONS - SOURCE OF SUPPLY (51000)</b>		
	LABOR	\$ 122,340	\$ 131,230
	BENEFITS	73,870	79,820
	MATERIALS	2,648,140	2,677,660
	EQUIPMENT	3,500	3,500
	OUTSIDE SERVICES	539,080	540,970
	<b>TOTAL SOURCE OF SUPPLY</b>	<b>3,386,930</b>	<b>3,433,180</b>
5-16	<b>OPERATIONS - PUMPING (52000)</b>		
	LABOR	212,850	230,800
	BENEFITS	147,370	157,310
	MATERIALS	24,830	21,020
	EQUIPMENT	45,010	63,010
	OUTSIDE SERVICES	330,900	296,010
	<b>TOTAL PUMPING</b>	<b>760,960</b>	<b>768,150</b>
5-17	<b>OPERATIONS - TRANSMISSION &amp; DISTRIBUTION (54000)</b>		
	LABOR	1,280,540	1,352,370
	BENEFITS	810,080	852,860
	MATERIALS	249,330	357,180
	EQUIPMENT	177,590	189,550
	OUTSIDE SERVICES	610,780	681,090
	<b>TOTAL TRANSMISSION &amp; DISTRIBUTION</b>	<b>3,128,320</b>	<b>3,433,050</b>
5-18	<b>GENERAL MANAGERS OFFICE (55000)</b>		
	LABOR	332,750	359,850
	BENEFITS	282,890	286,340
	MATERIALS	13,680	10,320
	EQUIPMENT	600	600
	OUTSIDE SERVICES	164,420	157,620
	<b>TOTAL GENERAL MANAGERS OFFICE</b>	<b>794,340</b>	<b>814,730</b>
5-19	<b>ADMINISTRATION AND CUSTOMER SERVICE (56000 &amp; 57000)</b>		
	LABOR	434,710	471,370
	BENEFITS	254,560	272,700
	MATERIALS	23,220	28,200
	EQUIPMENT	900	0
	OUTSIDE SERVICES	276,800	276,640
	<b>TOTAL ADMINISTRATION AND CUSTOMER SERVICE</b>	<b>990,190</b>	<b>1,048,910</b>
5-20	<b>WATER USE EFFICIENCY (57500)</b>		
	LABOR	137,510	164,730
	BENEFITS	86,770	94,660
	MATERIALS	28,440	41,620
	EQUIPMENT	0	0
	OUTSIDE SERVICES	126,180	131,000
	<b>TOTAL WATER USE EFFICIENCY</b>	<b>378,900</b>	<b>432,010</b>
5-21	<b>FINANCE (58000)</b>		
	LABOR	297,720	325,120
	BENEFITS	183,560	175,400
	MATERIALS	32,220	31,800
	EQUIPMENT	-	-
	OUTSIDE SERVICES	272,400	282,960
	<b>TOTAL FINANCE</b>	<b>785,900</b>	<b>815,280</b>
5-22	<b>ENGINEERING (59000)</b>		
	LABOR	271,660	282,950
	BENEFITS	161,230	170,970
	MATERIALS	6,660	16,020
	EQUIPMENT	16,380	16,080
	OUTSIDE SERVICES	182,880	193,920
	<b>TOTAL ENGINEERING</b>	<b>638,810</b>	<b>679,940</b>
	<b>TOTAL OPERATING BUDGET</b>	<b>\$ 10,864,350</b>	<b>\$ 11,425,250</b>



**2019/20 CAPITAL BUDGET SUMMARY**

SECTION/PAGE	DESCRIPTION	BUDGET 2019/20
6-25	<b>JOINT POWERS PROJECTS</b>	
	AUFDENKAMP TRANSMISSION MAIN (ATM) CORROSION PROTECTION INVESTIGATION	\$ 30,000
	COAST SUPPLY LINE (CSL) ANODE REPLACEMENT	22,500
	<b>TOTAL JOINT POWERS PROJECTS</b>	<u>52,500</u>
6-26	<b>RESERVOIR AND PUMP STATION PROJECTS</b>	
	MIXING SYSTEM AT VIEJO AND TEMPLE 800 RESERVOIRS	50,000
	TEMPLE HILLS 800 PUMP REPLACEMENT DESIGN WORK	150,000
	SAN JOAQUIN ALTITUDE VALVE REPLACEMENT	100,000
	PC1 GENERATOR AND TRANSFER SWITCH	90,000
	SAN JOAQUIN CONTROL VALVES	100,000
	AGATE CONTROL VALVE FOR SUMMIT FLOW	30,000
	ZITNIK PIPELINE CATHODIC PROTECTION	50,000
	AIR VAC RELOCATION ON LEDROIT	20,000
	<b>TOTAL RESERVOIR AND PUMP STATION PROJECTS</b>	<u>590,000</u>
6-27	<b>TRANSMISSION AND DISTRIBUTION PROJECTS</b>	
	VALVE REPLACEMENT	400,000
	FIRE HYDRANT REPLACEMENT	400,000
	SERVICE LINES AND SAMPLE STATIONS (10)	250,000
	FLOW METERS AT TIAJUANA	50,000
	ISOLATION FOR 2" PCH CONNECTIONS (5 VALVES)	150,000
	PAVING ON VARIOUS RESERVOIR SITES	150,000
	<b>TOTAL TRANSMISSION AND DISTRIBUTION PROJECTS</b>	<u>1,400,000</u>
6-28	<b>OFFICE EQUIPMENT/TECHNOLOGY</b>	
	OFFICE FURNITURE	10,000
	COMPUTERS, PERIPHERALS, & NETWORK INFRASTRUCTURE	30,000
	SERVER MIGRATION	120,000
	SCADA SYSTEM UPGRADES - PLC's	475,000
	RADIO BASE STATION	5,000
	REPLACEMENT OF RADIOS FOR SCADA	250,000
	<b>TOTAL OFFICE EQUIPMENT</b>	<u>890,000</u>
6-29	<b>EQUIPMENT AND VEHICLES</b>	
	CRANE TRUCK	65,000
	TRAILER FOR ALTA LAGUNA PUMP	20,000
	VACUUM FOR VALVE TURNING TRUCK	50,000
	BYPASS PUMP AND GENERATOR	125,000
	DUMPTRUCK LEASE (5TH OF 5)	15,000
	<b>TOTAL EQUIPMENT AND VEHICLES</b>	<u>275,000</u>
6-30	<b>FACILITY UPGRADES</b>	
	TRAINING ROOM/LOCKER ROOM/BREAK ROOM UPGRADES	130,000
	<b>TOTAL FACILITIES UPGRADES</b>	<u>130,000</u>
6-31	<b>WATER SUPPLY PROJECTS</b>	
	OCWD RIGHTS CONSIDERATION	620,000
	<b>TOTAL WATER SUPPLY PROJECTS</b>	<u>620,000</u>
	<b>TOTAL CAPITAL BUDGET</b>	<u><u>\$ 3,957,500</u></u>

# OPERATING AND MAINTENANCE

## **2019/20 Operating & Maintenance Budget Detail**

The operating budget includes the day-to-day operations of the District, which includes operations and maintenance, customer service, engineering, water use efficiency, human resources, finance, and administration.

<b>Source of Supply</b>	<b>Labor</b>	<b>Benefits</b>	<b>Materials</b>	<b>Equipment</b>	<b>Outside Services</b>	<b>Totals</b>
<b>SOURCE OF SUPPLY (51000)</b>						
<b>SYSTEM OPERATIONS (51100)</b>						
SYSTEM OPERATION - EXPENSE (51110)	\$ 159,017	\$ 99,750	\$ 10,020	\$ 10,020	\$ 30,000	\$ 308,807
SYSTEM OPERATION - REALLOCATION (51120)	(159,017)	(99,750)	(10,020)	(10,020)	(30,000)	(308,807)
<b>SOURCE OF SUPPLY - COAST SUPPLY LINE (51200)</b>						
REACH 1 (51210)	14,760	9,600	400	400	2,200	27,360
REACH 2 (51220)	14,760	9,600	400	400	1,200	26,360
REACH 3 (51230)	13,170	2,990	300	300	1,900	18,660
LBCWD METER (51250)						
<b>SOURCE OF SUPPLY - AUFDENKAMP TRANS. LINE (51300)</b>						
REACH 1 (51310)	42,240	27,190	1,600	1,600	4,800	77,430
IRWD METER (51320)						
SMWD METER (51330)						
REACH 2 (51340)	23,150	15,220	400	400	1,200	40,370
REACH 3 (51350)	23,150	15,220	400	400	1,200	40,370
LBCWD METER - AGATE (51360)						
<b>PURCHASED WATER (51500)</b>						
WATER CHARGE (51510)			1,700,160			1,700,160
METROPOLITAN WATER DISTRICT CHARGES (51520)					184,760	184,760
MUNICIPAL WD OF ORANGE COUNTY CHARGES (51530)					112,610	112,610
GROUNDWATER CHARGES (51540)			974,000		231,100	1,205,100
<b>TOTAL SOURCE OF SUPPLY (51000)</b>	<b>\$ 131,230</b>	<b>\$ 79,820</b>	<b>\$ 2,677,660</b>	<b>\$ 3,500</b>	<b>\$ 540,970</b>	<b>\$ 3,433,180</b>

**Pumping**

	Labor	Benefits	Materials	Equipment	Outside Services	Totals
<b>PUMPING (52000)</b>						
<b>PUMPING EXPENSE( 52100)</b>						
GENERAL EXPENSE (52110)	\$ 230,800	\$ 157,310	\$ 21,020	\$ 63,010	\$ 41,010	\$ 513,150
<b>POWER (52200)</b>					255,000	255,000
<b>TOTAL PUMPING (52000)</b>	<u>\$ 230,800</u>	<u>\$ 157,310</u>	<u>\$ 21,020</u>	<u>\$ 63,010</u>	<u>\$ 296,010</u>	<u>\$ 768,150</u>

## Transmission and Distribution

	Labor	Benefits	Materials	Equipment	Outside Services	Totals
<b>TRANSMISSION AND DISTRIBUTION (54000)</b>						
<b>RESERVOIR EXPENSE (54100)</b>						
RESERVOIR EXPENSE (54110)	\$ 271,560	\$ 162,630	\$ 48,040	59,010	149,030	\$ 690,270
LANDSCAPING (54120)			2,000		100,020	102,020
TREE TRIMMING (54130)					45,000	45,000
<b>CHLORINATION/INSPECTION (54140)</b>						
EL MORRO #1 (54160)	7,950	4,990	500	500	1,500	15,440
WATER TREATMENT (54170)	53,240	31,430	61,410		6,010	152,090
<b>MAINLINE EXPENSE (54200)</b>						
MAINLINE EXPENSE (54210)	693,140	444,460	125,040	65,040	90,000	1,417,680
UNIFORMS EXPENSE (54220)			6,000		15,000	21,000
PROFESSIONAL DEVELOPMENT (54230)			2,400		16,020	18,420
COMMUNICATIONS (54240)					7,500	7,500
EMERGENCY RESPONSE HOUSING (54250)					25,920	25,920
TRUCKING/COUNTY FEES (54260)					30,000	30,000
<b>METER EXPENSE (54300)</b>						
METER EXPENSE (54310)	66,800	42,830	73,510	32,000	9,010	224,150
OUTSIDE CONTRACTORS (54320)						
<b>VALVE, VAULT, FIRE HYDRANT EXPENSE (54400)</b>						
VALVE, VAULT, FIRE HYDRANT EXPENSE (54410)	146,860	94,170	16,200	33,000	3,000	293,230
OUTSIDE CONTRACTORS (54420)						
<b>PAVING EXPENSE (54500)</b>						
					50,000	50,000
<b>EQUIPMENT EXPENSE (54600)</b>						
EQUIPMENT EXPENSE (54610)	108,820	69,780	20,040		50,040	248,680
FUEL (54620)			70,020		10,020	80,040
REALLOCATION (54650)	(108,820)	(69,780)	(90,060)		(60,060)	(328,720)
<b>BUILDING/WAREHOUSE EXPENSE (54700)</b>						
BUILDING EXPENSE (54710)	112,820	72,350	20,040		30,000	235,210
LANDSCAPING (54720)					6,000	6,000
UTILITIES (54730)					26,040	26,040
JANITORIAL (54740)			2,040		26,040	28,080
<b>SCADA (54800)</b>						
SCADA EXPENSE (54810)					45,000	45,000
<b>TOTAL TRANSMISSION AND DISTRIBUTION (54000)</b>						
	<b>\$ 1,352,370</b>	<b>\$ 852,860</b>	<b>\$ 357,180</b>	<b>\$ 189,550</b>	<b>\$ 681,090</b>	<b>\$ 3,433,050</b>

**General Manager's Office**

	Labor	Benefits	Materials	Equipment	Outside Services	Totals
<b>GENERAL MANAGER (55000)</b>						
<b>GENERAL MANAGER EXPENSE (55100)</b>						
OFFICE EXPENSE (55110)	\$ 237,760	\$ 137,550	\$ 960	\$ 600	\$ 1,200	\$ 378,070
PUBLICATIONS/MEMBERSHIPS (55120)			600		44,040	44,640
PROFESSIONAL DEVELOPMENT (55130)			2,940		6,000	8,940
<b>HUMAN RESOURCES (55200)</b>						
OFFICE EXPENSE (55210)	98,570	67,680	1,620		5,400	173,270
PUBLICATIONS/MEMBERSHIPS (55220)			540		300	840
PROFESSIONAL DEVELOPMENT (55230)			240		2,100	2,340
SAFETY TRAINING (55240)			120		480	600
HEALTH AND WELLNESS PROGRAM (55250)			480		360	840
EMPLOYEE EDUCATION (55260)					1,920	1,920
EMPLOYEE RECRUITMENT (55270)					1,260	1,260
<b>COMMISSION/BOARD (55400)</b>						
OFFICE EXPENSE (55410)	23,520	81,110	1,020		540	106,190
PROFESSIONAL DEVELOPMENT (55420)			1,800		9,600	11,400
<b>LEGAL (55500)</b>						
					64,020	64,020
<b>AUDIT (55600)</b>						
					20,400	20,400
<b>TOTAL GENERAL MANAGER'S OFFICE (55000)</b>	<b>\$ 359,850</b>	<b>\$ 286,340</b>	<b>\$ 10,320</b>	<b>\$ 600</b>	<b>\$157,620</b>	<b>\$ 814,730</b>

**Administration & Customer Service**

	Labor	Benefits	Material	Equipment	Outside Services	Totals
<b>ADMINISTRATION/CUSTOMER SERVICE (56000 &amp; 57000)</b>						
<b>ADMINISTRATIVE EXPENSE (56100)</b>						
OFFICE EXPENSE (56110)	\$ 116,200	\$ 59,320	\$ 900		\$ 720	\$ 177,140
PUBLICATIONS/MEMBERSHIPS (56120)					720	720
PROFESSIONAL DEVELOPMENT (56130)			420		6,800	7,220
<b>DATA MANAGEMENT (56200)</b>						
CONSULTING SERVICES (56210)			6,000		44,760	50,760
SOFTWARE LICENSE RENEWALS (56220)					47,000	47,000
<b>RECORDS RETENTION (56300)</b>						
RECORDS MANAGEMENT (56320)					720	720
<b>PUBLIC INFORMATION (56400)</b>						
PUBLIC INFORMATION OUTREACH (56410)			9,000		10,020	19,020
COMMUNITY PARTICIPATION (56420)			2,400		900	3,300
SCHOOL EDUCATION (56430)			1,020		1,920	2,940
WATER-WISE GARDEN (56440)			2,400		3,600	6,000
<b>DISTRICT RECOGNITION (56800)</b>						
MISCELLANEOUS DISTRICT ACTIVITIES (56810)			1,800		6,000	7,800
EMPLOYEE RECOGNITION PROGRAMS (56820)					10,980	10,980
<b>CUSTOMER SERVICE OFFICE (57200)</b>						
OFFICE EXPENSE (57210)	355,170	213,380	3,600		5,040	577,190
PROFESSIONAL DEVELOPMENT (57230)			660		7,860	8,520
BILL OUTSOURCING (57240)					40,800	40,800
CONSULTING SERVICES (57250)					76,800	76,800
UNCOLLECTIBLES (57260)					12,000	12,000
<b>TOTAL ADMIN AND CUSTOMER SERVICE (56000 &amp; 57000)</b>	<b>\$ 471,370</b>	<b>\$ 272,700</b>	<b>\$ 28,200</b>		<b>\$ 276,640</b>	<b>\$ 1,048,910</b>

## Water Use Efficiency

	Labor	Benefits	Materials	Equipment	Outside Services	Totals
<b>WATER USE EFFICIENCY (57500)</b>						
<b>WATER USE EFFICIENCY (57500)</b>						
OFFICE EXPENSE (57510)	\$ 148,260	\$ 85,190	\$ 1,020		\$ 2,600	\$ 237,070
PROGRAMS/REBATES (57520)			1,200		72,000	73,200
OUTREACH/EVENTS/SPONSORSHIPS (57530)			14,400		44,400	58,800
DEVICES/MATERIALS (57540)			15,000			15,000
SMARTSCAPE INFO/EXPO (57550)	16,470	9,470	10,000		12,000	47,940
<b>TOTAL WATER USE EFFICIENCY (57500)</b>	<b>\$ 164,730</b>	<b>\$ 94,660</b>	<b>\$ 41,620</b>		<b>\$ 131,000</b>	<b>\$ 432,010</b>



## Finance

	Labor	Benefits	Materials	Equipment	Outside Services	Totals
<b>FINANCE (58000)</b>						
<b>FINANCE EXPENSE (58100)</b>						
OFFICE EXPENSE (58110)	\$ 325,120	\$ 175,400	\$ 480		\$ 1,920	\$ 502,920
PUBLICATIONS/MEMBERSHIPS (58120)					480	480
PROFESSIONAL DEVELOPMENT (58130)			720		9,720	10,440
PAYROLL SERVICES (58140)					10,800	10,800
BANKING SERVICES (58150)					12,000	12,000
SAFEKEEPING - INVESTMENTS (58160)						
CONSULTING SERVICES (58170)					29,000	29,000
<b>GENERAL OFFICE EXPENSE (58200)</b>						
OFFICE EXPENSE (58210)			27,000		600	27,600
POSTAGE (58220)			3,300		1,000	4,300
UTILITIES (58230)					39,360	39,360
MAINTENANCE - OFFICE EQUIPMENT (58240)			300		5,400	5,700
<b>INSURANCE (58300)</b>						
GENERAL LIABILITY (58310)					146,400	146,400
PROPERTY (58320)					22,020	22,020
STORAGE TANKS (58330)					3,000	3,000
MISCELLANEOUS (58340)					1,260	1,260
<b>INSURANCE CLAIMS (58400)</b>						
GENERAL LIABILITY (58410)						
PROPERTY (58420)						
<b>TOTAL FINANCE (58000)</b>	<b>\$ 325,120</b>	<b>\$ 175,400</b>	<b>\$ 31,800</b>		<b>\$ 282,960</b>	<b>\$ 815,280</b>

**Engineering****ENGINEERING (59000)****ENGINEERING EXPENSE (59100)**

	Labor	Benefits	Materials	Equipment	Outside Services	Totals
OFFICE EXPENSE (59110)	\$ 183,320	\$ 110,770	\$ 1,020	\$ 1,020	\$ 60,060	\$ 356,190
PUBLICATIONS/MEMBERSHIPS (59120)			240		1,500	1,740
PROFESSIONAL DEVELOPMENT (59130)			240		4,800	5,040
GEOGRAPHICAL INFORMATION SYSTEM - GIS (59150)					50,040	50,040

**WATER QUALITY EXPENSE (59200)**

ROUTINE SAMPLING (59210)	24,910	15,050	12,000	4,020	22,020	78,000
RESERVOIR SAMPLING (59220)	34,870	21,070	2,520	10,020	15,000	83,480
BACKFLOW (59230)	39,850	24,080		1,020	1,500	66,450
DHS FEES (59240)					33,000	33,000
ANNUAL WATER QUALITY REPORT (59250)					6,000	6,000

**TOTAL ENGINEERING (59000)**

	<b>\$ 282,950</b>	<b>\$ 170,970</b>	<b>\$ 16,020</b>	<b>\$ 16,080</b>	<b>\$ 193,920</b>	<b>\$ 679,940</b>
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## CAPITAL BUDGET DETAIL

**S**ince its incorporation, the District has provided a reliable source of high quality potable water and excellent service to the community at a reasonable cost. The Capital portion of the budget has always been an integral part of the District's overall program of system upgrades and replacements. The Capital Budget is funded by property taxes, lease revenue, capacity fees, and interest income.

Categories within the Capital Budget include:

### **Joint Powers Projects**

The District manages two jointly owned water transmission lines that convey potable water into the District. These pipelines are the District's only source of supply.

### **Reservoir and Pump Station Projects**

This category funds reservoir and pump station projects.

### **Transmission and Distribution Projects**

This category funds valve, fire hydrant, and meter replacement projects.

### **Office Equipment/Technology**

This category funds office upgrades.

### **Equipment and Vehicles**

The items listed in this category cover replacement of District equipment and vehicles.

### **Facility Upgrades**

This category funds upgrades to District headquarter facilities.

### **Water Supply Projects**

As the reliability of the region's and state's water supply becomes more fragile, finding new sources that can augment that supply is a priority. Projects in this category improve the District's source of supply, as well as its flexibility in the event of a major catastrophe.

**2019/20 CAPITAL BUDGET SUMMARY**

SECTION/PAGE	DESCRIPTION	BUDGET 2019/20
6-25	<b>JOINT POWERS PROJECTS</b>	
	AUFDENKAMP TRANSMISSION MAIN (ATM) CORROSION PROTECTION INVESTIGATION	\$ 30,000
	COAST SUPPLY LINE (CSL) ANODE REPLACEMENT	22,500
	<b>TOTAL JOINT POWERS PROJECTS</b>	<u>52,500</u>
6-26	<b>RESERVOIR AND PUMP STATION PROJECTS</b>	
	MIXING SYSTEM AT VIEJO AND TEMPLE 800 RESERVOIRS	50,000
	TEMPLE HILLS 800 PUMP REPLACEMENT DESIGN WORK	150,000
	SAN JOAQUIN ALTITUDE VALVE REPLACEMENT	100,000
	PC1 GENERATOR AND TRANSFER SWITCH	90,000
	SAN JOAQUIN CONTROL VALVES	100,000
	AGATE CONTROL VALVE FOR SUMMIT FLOW	30,000
	ZITNIK PIPELINE CATHODIC PROTECTION	50,000
	AIR VAC RELOCATION ON LEDROIT	20,000
	<b>TOTAL RESERVOIR AND PUMP STATION PROJECTS</b>	<u>590,000</u>
6-27	<b>TRANSMISSION AND DISTRIBUTION PROJECTS</b>	
	VALVE REPLACEMENT	400,000
	FIRE HYDRANT REPLACEMENT	400,000
	SERVICE LINES AND SAMPLE STATIONS (10)	250,000
	FLOW METERS AT TIAJUANA	50,000
	ISOLATION FOR 2" PCH CONNECTIONS (5 VALVES)	150,000
	PAVING ON VARIOUS RESERVOIR SITES	150,000
	<b>TOTAL TRANSMISSION AND DISTRIBUTION PROJECTS</b>	<u>1,400,000</u>
6-28	<b>OFFICE EQUIPMENT/TECHNOLOGY</b>	
	OFFICE FURNITURE	10,000
	COMPUTERS, PERIPHERALS, & NETWORK INFRASTRUCTURE	30,000
	SERVER MIGRATION	120,000
	SCADA SYSTEM UPGRADES - PLC's	475,000
	RADIO BASE STATION	5,000
	REPLACEMENT OF RADIOS FOR SCADA	250,000
	<b>TOTAL OFFICE EQUIPMENT</b>	<u>890,000</u>
6-29	<b>EQUIPMENT AND VEHICLES</b>	
	CRANE TRUCK	65,000
	TRAILER FOR ALTA LAGUNA PUMP	20,000
	VACUUM FOR VALVE TURNING TRUCK	50,000
	BYPASS PUMP AND GENERATOR	125,000
	DUMPTRUCK LEASE (5TH OF 5)	15,000
	<b>TOTAL EQUIPMENT AND VEHICLES</b>	<u>275,000</u>
6-30	<b>FACILITY UPGRADES</b>	
	TRAINING ROOM/LOCKER ROOM/BREAK ROOM UPGRADES	130,000
	<b>TOTAL FACILITIES UPGRADES</b>	<u>130,000</u>
6-31	<b>WATER SUPPLY PROJECTS</b>	
	OCWD RIGHTS CONSIDERATION	620,000
	<b>TOTAL WATER SUPPLY PROJECTS</b>	<u>620,000</u>
	<b>TOTAL CAPITAL BUDGET</b>	<u><u>\$ 3,957,500</u></u>

## Joint Powers Projects

The District operates two jointly owned water delivery systems, the Coast Supply Line (CSL) and the Aufdenkamp Transmission Main (ATM). Both systems were constructed to deliver imported water from the Metropolitan Water District of Southern California (MWD) to the District and its partners.

The Coast Supply Line (CSL) ranges in diameter from 24 to 27-inches and takes imported water from MWD at a connection point in Newport Beach along the coast down to San Joaquin Street in Laguna Beach. The partners in this system include City of Newport Beach, Irvine Ranch Water District (IRWD), and the District. The El Morro Reservoir No. 1 serves as flow equalization for the pipeline and is also jointly owned.

The Aufdenkamp Transmission Main (ATM) ranges in diameter from 30 to 42-inches and takes imported water from MWD at a connection point in Irvine through Laguna Canyon and along the coast to Agate Street in Laguna Beach. IRWD, SMWD, SCWD and the District are partners in this jointly owned facility.

1.1	<b>Aufdenkamp Transmission Main (ATM) Corrosion Protection Investigation</b> – This project involves investigating issues in bonding continuity along the first reach of the ATM between Jeffrey and Sand Canyon in Irvine. Several locations were excavated, and bonding was repaired in FY 2018-19. This project will continue with additional joints to be repaired this year.	Construction \$100,000, LBCWD Share \$30,000	\$ 30,000
1.2	<b>Coast Supply Line Test Station Replacements</b> – Placement of three (3) new test stations along the alignment for cathodic protection.	Construction \$75,000, LBCWD Share \$22,500	22,500
		<b>TOTAL</b>	<b><u>\$ 52,500</u></b>

## Reservoir and Pump Station Projects

The District currently has 22 reservoirs and 14 pump stations that serve areas within the District from sea level to over 1,000 feet in elevation. All of these reservoirs and pump stations must be maintained. Constant preventive maintenance is performed throughout the year that is part of the Operations and Maintenance Budget. Larger projects occur on a regular basis and are included in this Capital Budget.

2.1	<b>Mixing System at Viejo and Temple Hills 800 Reservoirs</b> – Water quality concerns in the distribution system are being addressed with reservoir management systems at key locations. In addition, reservoir mixing systems are being installed to provide more consistent water quality.	\$ 50,000
2.2	<b>Temple Hills 800 Pump Station Replacement</b> - The Temple Hills pump station contains a custom pump, piping, and fittings, which makes replacement parts hard to obtain. This project replaces the old pump with a new standard pump, flow meter, and piping. In addition, structural issues which include cracks in the roof, a failing access hatch, and water infiltration need to be addressed. Design work will begin in FY 2019-20 with construction to follow.	150,000
2.3	<b>San Joaquin Altitude Valve Replacement</b> - Existing altitude valve is showing signs of failure. Project includes replacement of the valve and appurtenances in the existing vault.	100,000
2.4	<b>PC1 Generator and Transfer Switch</b> - Generator and transfer switch added to provide emergency power during unforeseen outages.	90,000
2.5	<b>San Joaquin Control Valves</b> - Pump station at San Joaquin has considerable water hammer associated with turning pumps on and off. This project replaces old ball check valves with new power check valves to reduce water hammering and provide greater life for pumps.	100,000
2.6	<b>Agate Control Valve for Summit Flow</b> - Valve is old and worn. This project replaces ball valve with flow control valve for smoother control.	30,000
2.7	<b>Zitnik Pipeline Cathodic Protection</b> - The pipeline to Zitnik Reservoir is an existing steel pipe. The pipe does not have adequate protection from corrosion. This project adds cathodic protection to the pipeline.	50,000
2.8	<b>Air Vac Relocation on Hillcrest</b> - An existing air and vacuum release valve is currently located in a below grade vault. It will be relocated to an above ground installation.	20,000
	<b>TOTAL</b>	<b>\$ 590,000</b>

## Transmission and Distribution Projects

From the Aufdenkamp Transmission Main and Coast Supply Line, the District's water is fed into smaller transmission and distribution lines. Most of the work required within this category includes valves, fire hydrants and meters replacement. The programs of meter, fire hydrant, and valve replacement were developed to address those facilities identified as potential problems during the District's yearly inspection program. The goal is preventive replacement before these items fail. Capital funds are designated annually for ongoing replacement programs and miscellaneous projects that are large enough to be considered capital in nature.

3.1	<b>Valve Replacement</b> - As part of regular valve maintenance, the District inspects and exercises valves throughout the system on a continual basis. As part of that program, valves are identified for replacement based on loss of function. This budget is established to replace 50 valves in the next fiscal year.	\$ 400,000
3.2	<b>Hydrant Replacement</b> - As part of the District's hydrant maintenance program, hydrants are tested and evaluated on an ongoing basis. This budget is established to replace 25 hydrants in the next fiscal year.	400,000
3.3	<b>Service Lines and Sample Stations (10 stations)</b> - Service Lines need to be upgraded due to age, corrosion, leakage and added corrosion protection is needed. Sampling Stations need to have their own dedicated laterals per codes, some lines are tapped off service lines.	250,000
3.4	<b>Flow Meters at Tiajuana</b> - Each of the Tiajuana Reservoirs has an existing flow meter that is no longer functional. This project replaces the flow meters at each site.	50,000
3.5	<b>Isolation for 2" PCH Connections (5 Valves)</b> - This project adds 4-inch gate valves to existing 2-inch lines off PCH mainline that currently have no shutoff valves. The gate valves will limit the number of services that could be impacted by a shutdown on the main.	150,000
3.6	<b>Paving at Various Reservoir Sites</b> - Existing pavement around several reservoir sites is in poor condition and in need of replacement. These reservoir sites include: El Moro, Moorhead, Oak Street, Platz, San Joaquin, Summit/Hastie, and Temple Hills 800.	<u>150,000</u>
	<b>TOTAL</b>	<b><u><u>\$ 1,400,000</u></u></b>

## Office Equipment And Technology

The items listed under this category cover necessary office system upgrades as well as larger office needs.

4.1	<b>Office Furniture</b> - Purchase miscellaneous large office furnishings that are in need of replacement.	\$ 10,000
4.2	<b>Computers, Peripherals, Network Infrastructure</b> - Annual program of computer, peripheral, and network infrastructure replacement as the need occurs. Purchase of twelve (12) HP PC's.	30,000
4.3	<b>Server Migration</b> -This project addresses Cyber Security and Emergency Operations by making the following enhancements to the District's computer network: 1. Migration of computer servers to an off-site 24-Hour Secure Data Center. 2. Installation of redundant Firewall Routers for Controlled Access & Enhanced Cyber-Security at the District. 3. Installation of redundant Switches for Internet Redundancy. 4. Cabling for the new Firewall's & Switches enhanced Network connections. 5. Creation of a Virtual Private Network (VPN) for only authorized connections to the District's Network through encrypted technology. 6. Migration to a Remote Desktop Server Based Environment, which allows for connection to the District's Network through an internet connection. 7. Enhancement of existing daily image backups for recovery.	120,000
4.4	<b>SCADA System Upgrades - PLC's</b> - This project involves upgrades to the Supervisory Control and Data Acquisition (SCADA) system in order to increase the abilities of the operations staff. This will allow staff more effective remote control of system operations as well as increased data available for remote viewing. This system will also incorporate more data from the water quality management systems in order to better control water quality. Work this year will focus on replacing the old programmable logic controllers (PLCs) at each of the sites, refreshing the programming of the controllers, and integrating the PLCs with the new radios.	475,000
4.5	<b>Radio Base Station</b> - Water Emergency Response Organization of Orange County (WEROC) radio base station (Located in our Office) frequency has changed, and we need to upgrade the equipment.	5,000
4.6	<b>Replacement of Radios for SCADA</b> - 2nd phase of ongoing project to replace outdated radios.	<u>250,000</u>
<b>TOTAL</b>		<u><u>\$ 890,000</u></u>



## Equipment and Vehicles

The District assesses its fleet of vehicles yearly and budgets for vehicle replacement based upon wear and tear, cost of maintenance, and mileage. The current fleet consists of 33 light-medium duty vehicles (pick-up trucks and administration vehicles) and 6 heavy duty vehicles (dump trucks and flat-beds). This does not include equipment such as backhoes, bobcats, tractors, portable generators, or portable pumps.

5.1	<b>Crane Truck</b> - This vehicle will increase operational efficiency by providing lifting capabilities at pressure reducing stations, flow control stations, pump stations, reservoirs.	\$ 65,000
5.2	<b>Trailer for Alta Laguna Pump</b> - Portable pump at Alta Laguna is mounted on a trailer for emergencies at Alta Laguna and Jahraus. Trailer is in poor condition and needs to be replaced.	20,000
5.3	<b>Vacuum for Valve Turning Truck</b> - Vacuum used for cleaning out valve cans is no longer functioning properly. A new vacuum will be procured and outfitted on the valve turning truck.	50,000
5.4	<b>Bypass Pump and Generator</b> - The District has been replacing generators and pumpers to stay in compliance with current AQMD regulations. This budget has been established to replace one generator and pumper that is currently out of compliance in FY 2019-20.	125,000
5.5	<b>Dump Truck Annual Lease Payment (5th of 5 Payments) - Final Payment</b>	<u>15,000</u>
	<b>TOTAL</b>	<b><u><u>\$ 275,000</u></u></b>

## Facility Upgrades

This category covers upgrades to the District's facilities that are not covered under reservoir, pump station, or pipeline facilities.

<p>6.1 <b>Training Room/Locker Room/Breakroom Upgrades</b> – The operations staff locker room is undersized and does not meet OSHA standards for accessibility. With recent office reorganization, the locker room and crew breakroom can be expanded and better utilized to accommodate operations needs (training room) while addressing the lack of access. In addition, modifications to the administration employee lunchroom are needed to accommodate staff.</p>	<u>\$ 130,000</u>
<p><b>TOTAL</b></p>	<p><b><u><u>\$ 130,000</u></u></b></p>

## Water Supply Projects

As the reliability of the region's and state's water supply becomes more fragile, finding new sources that can augment that supply is a priority. Projects in this category improve the District's source of supply, as well as its flexibility in the event of a major catastrophe.

7.1	<b>OCWD Consideration Payment (4th of 5 scheduled annual payments)</b> - By agreement with Orange County Water District (OCWD) to resolve the District's right to pump 2,025 acre-feet of groundwater per its 1933 judgment, the District will pay a Consideration Payment of \$620,000 annually for five years to OCWD. This payment is a "buy-in-fee" for OCWD assets (wells, pipes, pumps, etc.) currently in place that LBCWD will benefit from.	<u>\$ 620,000</u>
	<b>TOTAL</b>	<u><u>\$ 620,000</u></u>

# RESOLUTIONS

**RESOLUTION NO. 838**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE LAGUNA BEACH COUNTY WATER DISTRICT OF ORANGE COUNTY, CALIFORNIA, ADOPTING THE LAGUNA BEACH COUNTY WATER DISTRICT FEE SCHEDULES AND REPEALING ALL RESOLUTIONS AND MOTIONS INCONSISTENT HEREWITH TO THE EXTENT OF SUCH INCONSISTENCY**

**WHEREAS**, the Laguna Beach County Water District (“District”) is a County Water District formed and existing pursuant to the County Water District Law, commencing at Section 30000 of the Water Code of the State of California, and is a subsidiary district of the City of Laguna Beach; and

**WHEREAS**, the Board of Directors of the District is charged by the District’s principal act, specifically Water Code Section 31007, to set rates and charges sufficient to pay the operating expenses of the District;

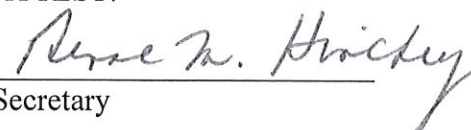
**NOW, THEREFORE, BE IT RESOLVED**, by the Board of Directors of the District, that:

1. The Laguna Beach County Water District of Orange County, California is the sole provider of water within District boundaries.
2. That with respect to the Fee Schedules of the District: (a) the revenues from the fees and charges will not exceed the revenue required to provide the service, (b) the revenues from the fee or charge will only be used for the purpose the fee or charge was imposed, (c) the amount of fee or charge imposed on a customer will not exceed the proportional cost of the service, and (d) service charges are only imposed for services that are used by the property owner or customer or which are immediately available to the property owner or customer, and (e) no fee or charge may be imposed for general governmental services, where the service is available to the public in substantially the same manner as it is to the property owners.
3. That the Fee Schedule of this District as submitted by the General Manager be and hereby is approved, and all resolutions and motions inconsistent therewith to the extent of such inconsistency are repealed.
4. That such Fee Schedule will be reviewed at least annually and any changes thereto shall be approved by subsequent resolution.

**ADOPTED, SIGNED, AND APPROVED** this 13<sup>th</sup> day of June, 2019.

  
 \_\_\_\_\_  
 President

ATTEST:

  
 \_\_\_\_\_  
 Secretary

Adopted June 13, 2019 by Resolution 838

<b>SCHEDULE NO.</b>	<b>SECTION</b>	<b>PAGE</b>
--	INTRODUCTION	1
01	ESTABLISHMENT OF WATER SERVICE	2
02	GENERAL METERED WATER SERVICE RATE	4
03	PRIVATE FIRE PROTECTION SERVICE RATES	6
04	TEMPORARY FIRE HYDRANT METER SERVICE	7
05	MISCELLANEOUS CHARGES	8
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07	WATER CAPACITY FEES	12
08	ENGINEERING & OPERATIONS FEES AND CHARGES	13
09	EQUIPMENT RATES	14

**SERVICE AREA**

The Laguna Beach County Water District provides water service to approximately 19,117 people within an 8.5 square mile area of Southern Orange County, including portions of the City of Laguna Beach, Crystal Cove State Park, and adjacent unincorporated areas of Orange County.

**FEE SCHEDULE UPDATES**

The Laguna Beach County Water District reviews this Fee Schedule annually.

## Fee Schedule No. 01

### ESTABLISHMENT OF WATER SERVICE

#### NEW ACCOUNT ESTABLISHMENT FEE

Laguna Beach County Water District assesses a one-time non-refundable New Account Establishment Fee of \$38.00 for each new account opened. The fee is assessed on the customer's first bill.

A New Account is defined as a water service agreement between the Applicant and the Laguna Beach County Water District where the Applicant has not previously been listed as an account holder with the service address.

#### CUSTOMER INFORMATION

When establishing service, each new customer will be required to provide the following information:

1. Residential Customers
  - a. Customer Name
  - b. Service Address and Phone Number
  - c. Billing Address if different than Service Address
  - d. Social Security Number of Primary Customer
  - e. Landlord's Name, Address, and Phone Number if customer is a tenant.
2. Non-Residential Customers
  - a. Business or Organization Name
  - b. Service Address and Phone Number
  - c. Billing Address if different than Service Address
  - d. Federal Identification Number
  - e. Name of Contact Person.

#### ESTABLISHMENT OF ACCOUNTS

**Credit Worthiness** - All customers will be assumed credit worthy when they initially establish service from the District. A customer will be deemed not credit worthy if they:

1. Fail or refuse to accurately provide all information required by the District to establish service.
2. Is a former customer with an unpaid balance or have been sent to collections by the District.
3. Have two unpaid checks returned by the bank during the course of any twelve (12) consecutive month period.
4. Have two Final Notices of Disconnection posted on the account during the course of any twelve (12) consecutive month period.

Any Residential customer who is deemed not credit worthy (as defined above) will be required to place on deposit with the District an amount equal to the greater of \$250.00 or two (2) times



his/her average bi-monthly charges for water over the past twelve (12) months before service is established or continued. After eighteen (18) consecutive months of good payment history, the customer's deposit will be applied to the account balance or refunded without interest.

Any Non-Residential customer who is deemed not credit worthy (as defined above) will be required to place on deposit with the District an amount equal to the greater of \$500.00 or two (2) times their average bi-monthly charges for water over the past twelve (12) months before service is established or continued. After eighteen (18) consecutive months of good payment history, the customer's deposit will be applied to the account balance or refunded without interest.

## **REESTABLISHMENT OF ACCOUNT FOR BANKRUPTCY CASES**

To protect the interests of its customers and the financial integrity of the Laguna Beach County Water District, the following procedures are required for any customer who files bankruptcy:

1. As of the date the bankruptcy petition is filed, the existing account is closed and a closing bill generated. The closing bill and/or claim will be mailed directly to the Trustee/Administrator of the bankruptcy case for payment, and a copy mailed to the customer for reference.
  - a. Any deposits paid on the account prior to the filing of the bankruptcy petition will be applied toward payment of the closing bill.
  - b. A copy of the bankruptcy petition and/or the case number must be given to the District before a new account can be processed and/or before service is restored.
2. A new account will be established as of the date the bankruptcy petition is filed.
3. Assurance Deposit - The law requires customers who have filed for Bankruptcy to provide "Assurance" that bills will be paid after filing for bankruptcy. A new account will be established after payment of a deposit in the following amount:
  - a. **Residential:** The greater of \$250.00 per account or two (2) times their average bi-monthly charges for water over the past twelve (12) months, or if service has been provided for less than twelve (12) months, the number of billings available, whichever is higher.
  - b. **Non-Residential:** The greater of \$500.00 per account or two (2) times their average bi-monthly charges for water over the past twelve (12) months, or if service has been provided for less than twelve (12) months, the number of billings available. The amount of deposit may not exceed \$1,500.00.

The entire amount of the deposit must be paid before service can be reestablished. Payment installments are at the discretion of the District. Failure to adhere to the payment schedule shall cause the nonpayment procedures set forth under "Nonpayment Charges" to be implemented. Deposits will not be used for payment of services, except for the closing bill.

NOTE: For purpose of this schedule, the type of bankruptcy filed (i.e., Chapter 7, 11, or 13, etc.) does not affect the manner in which the account is handled. The same procedure applies to all bankruptcy cases and accounts. In some cases, the Bankruptcy Judge may determine the amount of deposit allowable.

## Fee Schedule No. 02

### GENERAL METERED WATER SERVICE RATES

#### APPLICABILITY

Applicable to all measured water service furnished for general domestic use.

#### BI-MONTHLY SERVICE CHARGE (ALL CUSTOMER CLASSES)

Bi-monthly Service Charge – This is a service charge, which is added to the bill during the billing period. It covers operation and maintenance expenses for the entire water system regardless of water consumed.

METER SIZE	BI-MONTHLY SERVICE CHARGE					
	2015	2016	2017	2018	2019	2020
<b>¾" Meter</b>	\$ 27.57	\$ 29.87	\$ 32.36	\$ 34.91	\$ 37.36	\$ 37.36
<b>1" Meter</b>	68.92	74.67	80.91	87.28	93.39	93.39
<b>1 ½" Meter</b>	137.85	149.33	161.82	174.56	186.79	186.79
<b>2" Meter</b>	220.56	238.93	258.91	279.30	298.86	298.86
<b>3" Meter</b>	413.55	448.00	485.45	523.68	560.36	560.36
<b>6" Meter</b>	1,378.49	1,493.32	1,618.18	1,745.60	1,867.87	1,867.87

#### WATER AND DELIVERY CHARGE

Water and Delivery Charge – Charge for actual water used during a two-month billing period, based on the total number of units registered by the meter. (One unit equals 748 gallons or 100 cubic feet)

#### ALL LBCWD CUSTOMER CLASSES

Tiers	2015	2016	2017	2018	2019	2020
<b>Tier 1 – Usage within Water Budget</b>	\$ 4.25	\$ 4.61	\$ 4.86	\$ 5.25	\$ 5.25	\$ 5.25
<b>Tier 2 – Usage in excess of Water Budget</b>	\$ 7.21	\$ 7.65	\$ 8.13	\$ 8.61	\$ 8.61	\$ 9.09

## EMERALD BAY SERVICE DISTRICT RATE SCHEDULE

### BI-MONTHLY SERVICE CHARGE

Bi-monthly Service Charge – This is a service charge, which is added to the bill during the billing period. It covers operation and maintenance expenses for the entire water system regardless of water consumed.

METER SIZE	BI-MONTHLY SERVICE CHARGE					
	2015	2016	2017	2018	2019	2020
<b>¾" Meter</b>	\$ 27.57	\$ 29.87	\$ 32.36	\$ 34.91	\$ 37.36	\$ 37.36
<b>1" Meter</b>	68.92	74.67	80.91	87.28	93.39	93.39
<b>1 ½" Meter</b>	137.85	149.33	161.82	174.56	186.79	186.79
<b>2" Meter</b>	220.56	238.93	258.91	279.30	298.86	298.86
<b>3" Meter</b>	413.55	448.00	485.45	523.68	560.36	560.36
<b>6" Meter</b>	1,378.49	1,493.32	1,618.18	1,745.60	1,867.87	1,867.87

### WATER AND DELIVERY CHARGE

Water and Delivery Charge – Charge for actual water used during a two-month billing period, based on the total number of units registered by the meter. (One unit equals 748 gallons or 100 cubic feet)

Tiers	2015	2016	2017	2018	2019	2020
<b>Tier 1 – Usage within Water Budget</b>	\$ 3.97	\$ 4.33	\$ 4.71	\$ 5.11	\$ 5.48	\$ 5.48
<b>Tier 2 – Usage in excess of Water Budget</b>	\$ 6.93	\$ 7.37	\$ 7.85	\$ 8.33	\$ 8.81	\$ 8.81

**Fee Schedule No. 03****PRIVATE FIRE PROTECTION SERVICE RATES****APPLICABILITY**

Applicable to all private fire protection services.

<b>RATES</b>	<b><u>FIRE MAIN DIAMETER</u></b>	<b><u>YEARLY CHARGE</u></b>
	2"	\$ 48.00
	4"	96.00
	6"	144.00
	8"	192.00
	10"	240.00

**CONDITIONS**

1. The fire protection service connection will be installed at the expense of the applicant.
2. The maximum diameter will be not more than the diameter of the main to which the service is connected.
3. If a distribution main of adequate size to serve a private fire protection system in addition to all other normal services does not exist in the street or alley adjacent to the premises to be served, then a service main from the nearest existing main of adequate capacity will be installed at the expense of the applicant.
4. The customer's private fire protection service, as well as the customer's domestic water service, must have approved backflow prevention devices.
5. There shall be no cross connection between the fire protection systems supplied with water from the District to any other source of supply. Any such unauthorized cross connection may be grounds for immediate disconnection of the fire protection service without liability to the District.
6. As part of the private fire protection service installation, there shall be a detector check or other similar device acceptable to the District, which will indicate the use of water. Any unauthorized usage will be charged as indicated in Fee Schedule 02, General Metered Water Service Rates, and/or may be grounds for the District to discontinue the private fire protection service without liability to the District.
7. Any rates for private fire protection service sizes not shown on this schedule will be based on \$2.00 per inch of service diameter per month. No charges will be assessed on any private fire protection service if it is metered through the domestic meter.

## Fee Schedule No. 04

### CONSTRUCTION WATER METER SERVICE

#### APPLICABILITY

Applicable to all measured water service furnished from a fire hydrant connection.

<b>FEES</b>	<b>AMOUNT</b>
DEPOSIT PER METER (for return of meter & for any unpaid meter service and water use charges)	\$2,500.00
SERVICE RENTAL CHARGE (charges not pro-rated)	Based on Meter Size – See Schedule No. 02
WATER USE CHARGE (\$/hcf)	Tier 1 Rate – See Schedule No. 02
METER RELOCATION (each additional time after 3 <sup>rd</sup> relocation)	\$51.00
BACKFLOW TEST (construction meters only)	\$106.00

#### CONDITIONS

1. The District reserves the right to discontinue the service without notice if water is not used for a period of sixty (60) consecutive days.
2. The customer shall notify the District to have service discontinued. The regular rates, including the minimum charge, shall continue until such notice has been received, unless the service is discontinued under #1 above.
3. The District will relocate a meter within the project three times at no additional cost. Additional relocations will be at a charge as noticed above for each move after the 3<sup>rd</sup> move. A request for meter relocation must be made 24 hours in advance of the time needed.
4. If any damage to the District facilities is caused as a result of this connection, the applicant is liable for such damage and will be billed.
5. The billing cycle begins the day that the meter is set.
6. The Deposit will be used for payment of services on the closing bill. Any money left is refundable after the meter is returned to the District in good working condition.

## Fee Schedule No. 05

### MISCELLANEOUS CHARGES

FEES	AMOUNT
1. <b>Past Due Notice</b> - Past Due Notices are mailed 22 days after the original bill is mailed. The notice allows 15 additional days to pay before a Final Notice of Disconnection tag is issued.	\$3.00
2. <b>Past Due/Final Notice of Disconnection</b> – Site visit to post Final Notice of Disconnection.	\$20.00
3. <b>Return Payment Charge/NSF</b> – First returned payment.	\$25.00
4. <b>Return Payment Charge/NSF</b> – Each subsequent returned payment by same person.	\$35.00
5. <b>Reconnection/Turn-On Service</b> – During regular District hours.	\$79.00 (\$50.00 if SB 998 exempt)
6. <b>Reconnection/Turn-On Service</b> – After regular District hours.	\$125.00
7. <b>Cut Lock Replacement</b> - First time – replace lock	\$67.00
8. <b>Cut Lock Replacement</b> - Second time – pull meter	Time & Materials
9. <b>Landscape Trim/Obstacle Removal</b> - To access meter if customer does not trim/remove obstacle after notice.	\$79.00
10. <b>Meter Test Fee</b>	\$252.00
11. <b>System Pressure Check</b> – Performed by Customer Service staff.	\$79.00
12. <b>Copy of Public Records</b> - In cases where it is necessary to send a document or documents to a printer or commercial copying service, the requestor shall pay the total direct cost of such outside services.	\$0.10 per page
13. <b>Antenna/Cell Tower Equipment Application Review Fee</b>	\$2,500.00
14. <b>After Hours Administration Labor Rate</b> - Non-exempt staff only.	1.5X staff labor rates up to 4 hours. After 4 hours, 2.0X staff labor rates
15. <b>Miscellaneous/Special Requests for Service</b> - Outside of District fee schedule categories.	Staff labor rate plus materials costs, if applicable

16. <b>Unauthorized Water Use Fee</b> - Based on average water use during a 2-month billing period for the meter size and customer class associated with the unauthorized use.	Tier 2 Rate – See Schedule No. 02
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**Fee Schedule No. 06**  
**SERVICE INSTALLATION FEES**

**APPLICABILITY**

Applicable to all measured water service furnished for general domestic use.

<b>FEES</b>	<b>AMOUNT</b>
ANGLE METER STOP: 3/4" Angle Stop Located in Dirt	\$436.00
ANGLE METER STOP: 3/4" Curb Stop Located in Dirt	\$467.00
ANGLE METER STOP: 1" Angle Stop Located in Dirt	\$455.00
ANGLE METER STOP: 1" Curb Stop Located in Dirt	\$483.00
ANGLE METER STOP: 1 1/2" Angle Stop Located in Dirt	\$575.00
ANGLE METER STOP: 2" Angle Stop Located in Dirt	\$635.00
ANGLE METER STOP: 3/4" Angle Stop Located in Concrete	\$891.00
ANGLE METER STOP: 3/4" Curb Stop Located in Concrete	\$918.00
ANGLE METER STOP: 1" Angle Stop Located in Concrete	\$906.00
ANGLE METER STOP: 1" Curb Stop Located in Concrete	\$934.00
ANGLE METER STOP: 1 1/2" Angle Stop Located in Concrete	\$1,026.00
ANGLE METER STOP: 2" Angle Stop Located in Concrete	\$1,086.00
METER DROP-IN/REPLACEMENT/UPGRADE: 3/4"	\$874.00
METER DROP-IN/REPLACEMENT/UPGRADE: 1"	\$944.00
METER DROP-IN/REPLACEMENT/UPGRADE: 1 1/2"	\$1,811.00



METER DROP-IN/REPLACEMENT/UPGRADE: 2" or greater	District Estimate (collect deposit)
METER SIZE UPGRADE (at customer request and if new service/new lateral is required)	Charge New Service to Main fee less cost of any materials not required of new service/construction
MXU 520-M SP RADIO REPLACEMENT FEE	\$274.00
MXU 520-M DUAL PORT RADIO REPLACEMENT FEE	\$323.00
NEW SERVICE TO MAIN – METER/METER BOX INSTALLATION FOR NEW CONSTRUCTION – 3/4"	\$5,514.00
NEW SERVICE TO MAIN – METER/METER BOX INSTALLATION FOR NEW CONSTRUCTION – 1"	\$6,092.00
NEW SERVICE TO MAIN – METER/METER BOX INSTALLATION FOR NEW CONSTRUCTION – 1 1/2"	\$7,612.00
NEW SERVICE TO MAIN – METER/METER BOX INSTALLATION FOR NEW CONSTRUCTION – 2"	\$7,948.00
NEW SERVICE TO MAIN – METER/METER BOX INSTALLATION FOR NEW CONSTRUCTION – 3" & above	District Estimate (collect deposit)

## CONDITIONS

1. Angle Meter Stop fee applies in situations where customer damages meter stop.
2. Customer is responsible for full meter replacement fee per Fee Schedule No. 06 if meter/service connection is damaged due to customer negligence.

*Note:* Meter Drop-In/Replacement/Upgrade customer requests apply to established service connections where no new lateral is required.

**Fee Schedule No. 07****WATER CAPACITY FEES****APPLICABILITY**

Applicable to all measured water service furnished for general domestic use.

**NON-ACCESSORY DWELLING UNIT FEES**

<u>Meter Size</u>	<u>Amount</u>
3/4"	\$4,716.00
1"	\$7,188.00
1 1/2"	\$18,928.00
2"	\$25,107.00
3"	\$49,822.00
4"	\$99,254.00
6"	\$198,116.00

**ACCESSORY DWELLING UNIT FEES**

<u>Meter Size</u>	<u>Amount</u>
3/4"	\$795.00
1"	\$1,212.00
1 1/2"	\$3,191.00

**CONDITIONS**

1. The above fees are water capacity fees for single-metered lots.
2. Water Capacity Fees for meters that are upsized will take into consideration the prior Water Capacity Fees (or Reserve Storage Fees, when applicable) paid for previously installed meters. There will be no refunds or credits issued for downsizing meters.

*Note:* See District Comprehensive Fee Study Report for description and basis of fees.

**Fee Schedule No. 08****ENGINEERING & OPERATIONS FEES AND CHARGES****APPLICABILITY**

Applicable to fees and charges required for work done in the Engineering and Operations Department.

<b>FEES</b>	<b>AMOUNT</b>
1. <b>Availability Letter/Will Serve</b>	\$37.00
2. <b>Encroachment Clearance Letter</b>	\$37.00
3. <b>Fire Flow Modeling - (pressure check &amp; hydrant check)</b>	\$68.00
4. <b>Main Extension</b>	Time & Materials Estimate (collect deposit)
5. <b>Service Abandonment</b>	Time & Materials
6. <b>After Hours Engineering &amp; Operations Labor Rate - (non-exempt staff only)</b>	1.5X staff labor rates up to 4 hours. After 4 hours, 2.0X staff labor rates
7. <b>Miscellaneous/Special Requests for Service - (outside of District fee schedule categories)</b>	Staff labor rate plus materials costs, if applicable

**Fee Schedule No. 09****EQUIPMENT & VEHICLE RATES****APPLICABILITY**

These rates apply to all District owned equipment and do not include operator.

**EQUIPMENT RATES**

VEH #	DESCRIPTION		RATES	
			HOURLY	DAILY
82	CATERPILLAR BACKHOLE/LOADER	EQUIPMENT	\$75.00	\$450.00
85	CATERPILLAR SKIDSTEER	EQUIPMENT	\$75.00	\$450.00
B-2	KUBOTA MINI EXCAVATOR	EQUIPMENT	\$75.00	\$450.00
EDG-1	EMERGENCY GENERATOR	EQUIPMENT	\$75.00	\$450.00
EDG-2	EMERGENCY GENERATOR	EQUIPMENT	\$75.00	\$450.00
EDG-3	EMERGENCY GENERATOR	EQUIPMENT	\$75.00	\$450.00
EDG-4	EMERGENCY GENERATOR	EQUIPMENT	\$75.00	\$450.00
EDP-1	EMERGENCY PORTABLE PUMPER	EQUIPMENT	\$75.00	\$450.00
EDP-2	EMERGENCY PORT. FIRE PUMPER	EQUIPMENT	\$75.00	\$450.00
EDP-3	EMERGENCY PORTABLE PUMPER	EQUIPMENT	\$75.00	\$450.00
E-15	TOYOTA FORKLIFT	EQUIPMENT	\$75.00	\$450.00
	MOBILE PUMP & TRAILER	EQUIPMENT	\$75.00	\$450.00
	CATERPILLAR GENERATOR	EQUIPMENT	\$75.00	\$450.00

**VEHICLE RATES**

VEH #	DESCRIPTION	CLASS (Ton)	RATES	
			HOURLY	DAILY
5	2003 FORD F-250	3/4	\$12.00	\$70.00
7	2015 FORD F-250	1/2	\$12.00	\$70.00
18	1960 CHEVROLET SEDAN		N/A	N/A
41	2016 FREIGHTLINER		\$50.00	\$300.00
42	1996 FORD F-250 HD4X4	3/4	\$12.00	\$70.00
43	1996 FORD 250HD STAKE	3/4	\$25.00	\$150.00
48	2016 HONDA CRV		\$12.00	\$70.00
53	2003 FORD RANGER	1/4	\$12.00	\$70.00
54	2017 CHEVROLET 1500 4X4	1/2	\$12.00	\$70.00
55	2017 FORD F-250 4X4	1/2	\$12.00	\$70.00
56	2006 FORD ESCAPE		\$12.00	\$70.00
57	2006 FORD F-150 4X4	1/2	\$12.00	\$70.00
58	2006 TOYOTA HIGHLANDER		\$12.00	\$70.00
59	2019 FORD F-250	3/4	\$12.00	\$70.00
61	2017 CHEVROLET 1500 4X4		\$12.00	\$70.00
62	2018 FORD F-150 SUPERCAB	1/2	\$12.00	\$70.00

63	2016 TOYOTA TACOMA	1/4	\$12.00	\$70.00
64	2008 FORD F-650 DUMP TRUCK		\$42.00	\$250.00
65	2009 FORD F-150	1/2	\$12.00	\$70.00
66	2009 FORD F-250 UTILITY	3/4	\$12.00	\$70.00
67	2010 FORD F-250	3/4	\$25.00	\$150.00
68	2011 FORD F-250	3/4	\$19.00	\$114.00
69	2011 FORD F-350	1	\$25.00	\$150.00
70	2011 FORD F-250 4X2 XL	3/4	\$25.00	\$150.00
71	2012 FORD F-250	3/4	\$25.00	\$70.00
72	2012 FORD F-250	3/4	\$25.00	\$70.00
73	2012 FORD F-150	1/2	\$12.00	\$70.00
74	2013 FORD F-350	1	\$25.00	\$150.00
75	2013 HONDA PILOT		\$12.00	\$70.00
76	2013 MAZDA CX5		\$12.00	\$70.00
77	WATER TRAILER		CAL WARN	CAL WARN
78	2013 FORD F-150	1/2	\$12.00	\$70.00
79	2013 FORD F-150	1/2	\$12.00	\$70.00
80	2015 FORD F-DUMP		\$42.00	\$250.00
81	2016 GMC CANYON	1/2	\$12.00	\$70.00
82	2016 PETERBUILT (VAC-HYDRO)		\$75.00	\$450.00

**RESOLUTION NO. 839**

**A RESOLUTION OF THE LAGUNA BEACH COUNTY WATER DISTRICT, OF ORANGE COUNTY, CALIFORNIA, ESTABLISHING A JOB CLASSIFICATION PLAN AND SALARY RANGES; AND REPEALING RESOLUTION NO. 833 AND ALL OTHER RESOLUTIONS AND MOTIONS INCONSISTENT HERewith TO THE EXTENT OF SUCH INCONSISTENCY.**

**NOW, THEREFORE BE IT RESOLVED**, The Board of Directors of the Laguna Beach County Water District, does hereby resolve and order as follows:

1. That pursuant to the authorization contained in Ordinance No. 91, adopted June 2, 1987, authorizing the Salary Schedule of Section 11 entitled "Basic Pay Plan" of Ordinance No. 65, adopted February 6, 1973, as amended, to be established from time to time by resolution of this District, the Board of Directors does hereby resolve and order as follows:
2. That effective the first pay date in July 2019, the "Salary Schedule" of the "Job Classification Plan" is hereby fixed and established as follows:

**MONTHLY SALARY SCHEDULE**

Salary Grade	Monthly Minimum	Monthly Control Point	Monthly Maximum
30	14,059	17,573	20,210
29	11,476	14,345	16,496
28	9,980	12,476	14,347
27	8,678	10,847	12,474
26	7,546	9,433	10,847
25	7,018	8,772	10,088
24	6,683	8,354	9,608
23	6,366	7,958	9,151
22	6,062	7,577	8,714
21	5,772	7,217	8,299
20	5,499	6,872	7,903
19	5,238	6,545	7,528
18	4,986	6,233	7,168
17	4,749	5,938	6,829
16	4,524	5,655	6,503
15	4,308	5,385	6,194

3. That effective the first pay date period in July 2019, the following pay grade numbers shall replace those as set forth in Section 11 of Ordinance No. 65 of this District and are hereby allocated and assigned to the following employment positions of the Laguna Beach County Water District, as follows:

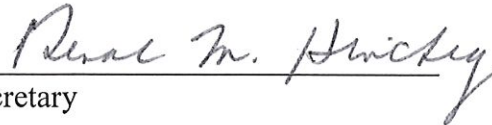
<u>POSITION TITLE</u>	<u>SALARY GRADE</u>
GENERAL MANAGER'S OFFICE:	
General Manager	Board Approval
Human Resources and Office Administrator	26
ADMINISTRATION / CUSTOMER SERVICE	
Assistant General Manager	30
Customer Service Supervisor	27
Public Affairs Officer	23
Water Use Efficiency Technician II	19
Customer Service Representative II	17
Customer Service Technician II	17
Customer Service Rep/Tech	15
Customer Service Representative I	15
Customer Service Technician I	15
Facilities Maintenance Technician	15
ENGINEERING:	
Manager of Engineering and Operations	30
Senior Engineering Associate	26
Water Quality Specialist	24
Engineering Technician	23
FINANCE:	
Manager of Finance	29
Accountant	24
Senior Accounting Technician	20
OPERATIONS:	
Operations Superintendent	28
Field Maintenance Supervisor	27
Foreman	26
Maintenance Worker III	24
Maintenance Worker III/Safety Officer	24
Maintenance Worker II	20
Maintenance Worker I	16
Office Assistant	15

4. That Resolution No. 833 and all other resolutions and motions inconsistent herewith be and the same are hereby repealed to the extent of such inconsistency. This resolution shall be in effect the first pay date in July 2019.

**ADOPTED, SIGNED AND APPROVED** this 13<sup>th</sup> day of June, 2019.

  
\_\_\_\_\_  
President

ATTEST:

  
\_\_\_\_\_  
Secretary



**RESOLUTION NO. 840****A RESOLUTION OF THE BOARD OF DIRECTORS OF THE LAGUNA BEACH COUNTY WATER DISTRICT OF ORANGE COUNTY, CALIFORNIA, ADOPTING THE LBCWD 2019/20 BUDGET**

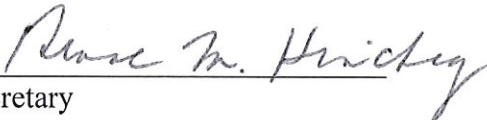
**NOW, THEREFORE, BE IT RESOLVED**, the Board of Directors of Laguna Beach County Water District, does hereby resolve and order as follows:

1. That the budget estimate for the General Fund and Capital Fund of the District as submitted for fiscal year 2019/20 is hereby approved.

**ADOPTED, SIGNED, AND APPROVED** this 13<sup>th</sup> day of June, 2019.

  
\_\_\_\_\_  
President

ATTEST:

  
\_\_\_\_\_  
Secretary

# APPENDICES

**LAGUNA BEACH COUNTY WATER DISTRICT  
WATER RATE HISTORY  
1975 TO PRESENT**

RESOLUTION OR ORDINANCE #	EFFECTIVE DATE	SERVICE CHARGE BI-MONTHLY		WATER CHARGE (PER CCF)	%WATER CHARGE INCREASE	MWD WATER RATE (AF)	%MWD WATER RATE INCREASE
ORD. #69	07/01/75	3/4" - 5.00 1 1/2" - 11.25 3" - 25.00	1" - 7.50 2" - 15.00 4" - 40.00	0.28			
	07/01/77					75	
RES. # 301	07/01/78	3/4" - 7.50 1 1/2" - 16.88 3" - 37.50	1" - 11.25 2" - 22.50 4" - 60.00	0.52	86%	84	12%
	07/01/81		SAME	SAME		121	44%
RES. # 367	07/01/82		SAME	0.62	19%	192	59%
RES. # 377	07/01/83		SAME	0.71	15%	SAME	
RES. # 384 (AMENDS SEC 2-377)	07/01/83		SAME	0.83	17%	SAME	
RES. # 395	07/01/84		SAME	0.87	5%	SAME	
RES. # 406 (AMENDS SEC 2-395)	07/01/85		SAME	0.91	5%	224	17%
RES. # 424 (AMENDS SEC 2-406)	07/01/86		SAME	0.96	5%	230	3%
RES. # 499 (REPEALS 377,384,395)	07/01/91		SAME	1.11	16%	261	13%
RES. # 503 (REPEALS ORD.67,69, RES.301,367,395,424,499)	07/01/92	3/4" - 10.00 1 1/2" - 22.50 3" - 50.00	1" - 15.00 2" - 30.00 4" - 80.00	1.37	23%	322	23%
BOARD MOTION	01/06/93		SAME	1.65	20%*	SAME	
RES. # 523 (REPEALS RES. #503)	07/01/93		SAME	1.98	20%	385	20%
	07/01/94		SAME	1.98		412	7%
BOARD MOTION	02/01/95		SAME	2.12	7%	SAME	
	07/01/95		SAME	2.12		426	3%
BOARD MOTION	09/01/95	3/4" - 11.50 1 1/2" - 45.00 3" - 100.00	1" - 23.00 2" - 60.00 4" - 160.00	2.20	4%	SAME	
	01/01/97		SAME	2.20		431	1%
BOARD MOTION	03/01/99		SAME	2.31	5%	SAME	
BOARD MOTION	04/01/00		SAME	2.43	5%	SAME	
BOARD MOTION	07/01/01		SAME	2.50	3%	SAME	
BOARD MOTION	07/01/02	3/4" - 15.00 1 1/2" - 60.00 3" - 130.00	1" - 30.00 2" - 75.00 4" - 205.00	2.50			
BOARD MOTION	07/01/03		SAME	2.64	6%	435	1%
	01/01/04		SAME	2.64		451	3%
BOARD MOTION	07/01/04		SAME	2.74	4%	451	
	01/01/04		SAME	2.74		476	6%
RESOLUTION # 680	07/01/05		SAME	2.82	3%	473	-1%
	01/01/06		SAME	2.82		482	2%
RESOLUTION # 700	07/01/06	3/4" - 18.00 1 1/2" - 72.00 3" - 156.00	1" - 36.00 2" - 90.00 4" - 246.00	2.85	1%	479	-1%
	01/01/07		SAME	2.85		490	2%
RESOLUTION #710	07/01/07	3/4" - 20.00 1 1/2" - 80.00 3" - 173.00	1" - 40.00 2" - 100.00 4" - 273.00	2.94	3%	490	

continued next page

**LAGUNA BEACH COUNTY WATER DISTRICT  
WATER RATE HISTORY  
1975 TO PRESENT**

RESOLUTION OR ORDINANCE #	EFFECTIVE DATE	SERVICE CHARGE BI-MONTHLY		WATER CHARGE (PER CCF)	%WATER CHARGE INCREASE	MWD WATER RATE (AF)	%MWD WATER RATE INCREASE
RESOLUTION # 729	12/01/08	3/4" - 21.60 1 1/2"-107.98 3" - 345.52	1" - 53.99 2" - 172.76 4" - 539.88	30 - 3.02 over - 3.29 (single fam) 3.17 (all others)	3%	604	14%
RESOLUTION # 736	07/01/09	3/4" - 22.69 1 1/2"-113.46 3" - 363.06	1" - 56.73 2" - 181.53 4" - 567.28	30 - 3.23 over - 3.58 (single fam) 3.42 (all others)	7%	586 701	-3% 16%
RESOLUTION # 765	01/01/11	3/4" - 24.04 1 1/2"-120.18 3" - 360.55	1" - 60.09 2" - 192.29 4" - 600.92	Tier 1 - 3.56 (Budgeted) Tier 2 - 5.96 (Inefficient)	10%  66%	744	6%
RESOLUTION # 765	01/01/12	3/4" - 24.77 1 1/2"-123.84 3" - 371.53	1" - 61.92 2" - 198.15 4" - 619.21	Tier 1 - 3.66 (Budgeted) Tier 2 - 6.10 (Inefficient)	3%  2%	794	7%
RESOLUTION # 765	01/01/13	3/4" - 25.52 1 1/2"-127.59 3" - 382.78	1" - 63.80 2" - 204.15 4" - 637.97	Tier 1 - 3.77 (Budgeted) Tier 2 - 6.26 (Inefficient)	3%  3%	847	7%
RESOLUTION # 765	01/01/14	3/4" - 26.28 1 1/2"-131.42 3" - 394.27	1" - 65.71 2" - 210.28 4" - 657.11	Tier 1 - 3.89 (Budgeted) Tier 2 - 6.45 (Inefficient)	3%  3%	890	5%
RESOLUTION # 799	11/01/14	3/4" - 27.57 1 1/2"-137.85 3" - 413.55	1" - 68.92 2" - 220.56 4" - 689.25 6" - 1,378.49	Tier 1 - 4.25 (Budgeted) Tier 2 - 7.21 (Inefficient)	9.3%  11.8%	923	3.7%
RESOLUTION # 799	11/01/15	3/4" - 29.87 1 1/2"-149.33 3" - 448.00	1" - 74.67 2" - 238.93 4" - 746.66 6" - 1,493.32	Tier 1 - 4.61 (Budgeted) Tier 2 - 7.65 (Inefficient)	8.5%  6.1%	942	2.1%
RESOLUTION # 799	11/01/16	3/4" - 32.36 1 1/2"-161.82 3" - 485.45	1" - 80.91 2" - 258.91 4" - 809.09 6" - 1,618.18	Tier 1 - 4.86 (Budgeted) Tier 2 - 8.13 (Inefficient)	5.4%  6.3%	979	3.9%
RESOLUTION # 799	11/01/17	3/4" - 34.91 1 1/2"- 174.56 3" - 523.68	1" - 87.28 2" - 279.30 4" - 872.80 6" - 1,745.60	Tier 1 - 5.25 (Budgeted) Tier 2 - 8.61 (Inefficient)	8.0%  5.9%	1015	3.7%
RESOLUTION # 799	11/01/18	3/4" - 37.36 1 1/2"- 186.79 3" - 560.36	1" - 93.39 2" - 298.86 4" - 933.93 6" - 1,867.87	Tier 1 - 5.25 (Budgeted) Tier 2 - 8.61 (Inefficient)	0.0%  0.0%	1050	3.4%
RESOLUTION # 799	11/01/19	3/4" - 37.36 1 1/2"- 186.79 3" - 560.36	1" - 93.39 2" - 298.86 4" - 933.93 6" - 1,867.87	Tier 1 - 5.25 (Budgeted) Tier 2 - 9.09 (Inefficient)	0.0%  5.6%	1078	2.7%

\* Offsets Property Tax Revenue Loss

Revised 06/13/19

LAGUNA BEACH COUNTY WATER DISTRICT COLA HISTORY		
MARCH OF:	CPI	LBCWD COLA
1987		4.00%
1988		3.00%
1989		4.70%
1990		5.50%
1991		3.10%
1992		3.86%
1993		1.50%
1994		1.80%
1995		1.40%
1996	1.70%	1.70%
1997	1.50%	1.60%
1998	0.60%	3.00%
1999	2.10%	3.00%
2000	3.50%	3.40%
2001	3.20%	3.20%
2002	2.80%	2.80%
2003	4.50%	2.80%
2004	1.80%	1.80%
2005	3.90%	3.00%
2006	4.50%	4.36%
2007	4.00%	3.86%
2008	3.60%	3.45%
2009	-1.60%	0.00%
2010	2.40%	2.40%
2011	3.50%	3.50%
2012	2.00%	2.00%
2013	1.30%	2.00%
2014	1.00%	1.00%
2015	0.20%	2.00%
2016	1.30%	3.50%
2017	2.50%	3.00%
2018	3.90%	3.00%
2019	3.70%	3.80%