The background features a pattern of overlapping circles in various shades of blue, from light to dark. A vertical line runs down the center of the page, separating the left and right halves. The text is positioned on the left side of this line.

**LAGUNA  
BEACH  
WATER  
DISTRICT**

**2020-2021  
ANNUAL  
BUDGET**

# LAGUNA BEACH WATER DISTRICT

Adopted: June 18, 2020

## Board of Directors

- Bob Whalen, President
- Steve Dicterow, Vice President
- Peter Blake
- Toni Iseman
- Sue Kempf

## Commission

- Debbie Neev, Chair
- Mark Lewis, Vice Chair
- Jane Egly
- Marvin Johnson
- Cheryl Kinsman

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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 3,465 acre-feet of water. This is equal to approximately 1.13 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.

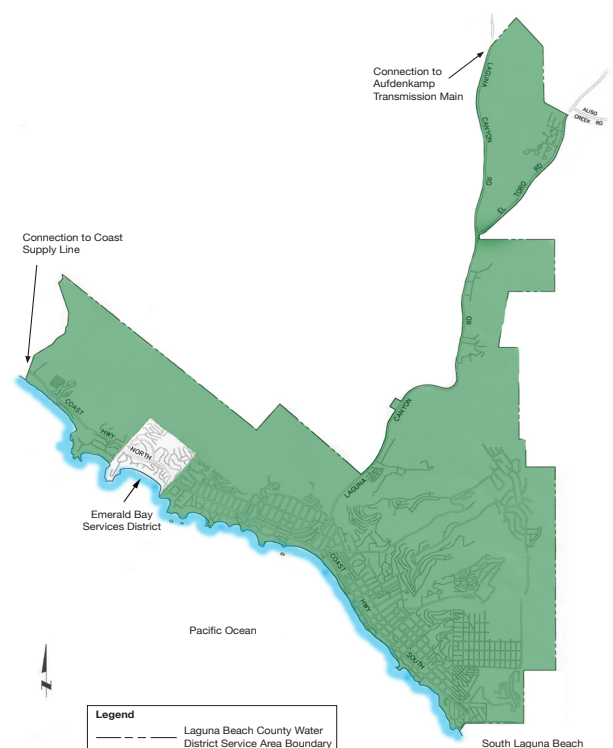
As lead agency in a joint powers relationship with the Irvine Ranch Water District, City of Newport Beach, and the Santa Margarita Water District, the District also operates and maintains the Aufdenkamp and the Coast Supply transmission lines. These pipelines range in size from 24 to 42 inches in diameter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

The proposed fiscal year (FY) 2020/21 Operating Budget increases from the FY 2019/20 Operating Budget by 2.2 percent or \$248,170.

### Labor

The 2020/21 labor budget has increased 1.1 percent or \$36,590 above the 2019/20 budgeted amounts. This is based on the following factors:

1. 39 Full-time positions (39 in 2019/20)
2. 0 Part-time positions (0 in 2019/20)
3. Cost of Living Adjustment (COLA) 2020/21 - 0.0 percent (COLA 2019/20 - 3.8 percent)
4. Merit range remains at 0 to 2.5 percent based on performance.

### Benefits

The 2020/21 benefits budget has increased 12.6 percent or \$263,790 above the 2019/20 budgeted amount. This is based on the following factors:

1. PERS
  - A. Employer Contribution (Classic) 2020/21 – 11.03 percent (2019/20 – 10.22 percent)
  - B. Employee Contribution (Classic) 2020/21 – 7.00 percent
  - C. Employer Unfunded Liability Payment (Classic) 2020/21 - \$441,646
  - D. Employer Contribution (PEPRA) 2020/21 - 7.73 percent (2019/20 - 6.53 percent)
  - E. Employee Contribution (PEPRA) 2020/21 - 6.75 percent
  - F. Employer Unfunded Liability Payment (PEPRA) 2020/21 - \$3,858
2. Insurance
  - A. Workers Comp Insurance E-Mod Rate 2020/21 - Estimated 1.51 (2019/20 - 1.24)
  - B. Workers Comp Insurance 2020/21 Rates remain the same.
  - C. Medical insurance projected to increase January 2021 by an estimated 4.9 percent. Employee portion of medical insurance premium 2020/21 - 25 percent over single rate
  - D. No Dental Insurance increase.
  - E. All other insurance coverages remain at same levels as 2019/20.

### Water Purchases

The 2020/21 projected cost for water purchases decreases by 3.4 percent or \$109,280 below the 2019/20 budget. This projected decrease is due to the Orange County Water District maintaining their cost of water at \$487/AF, a slight increase in the imported water cost rate, projected decrease in water purchased compared to last year's budgeted purchases, and projected lower MWD and MWDOC capacity and meter charges.

1. Water Purchases
  - A. Projected volume of water purchases is 1,465 acre feet (AF) of imported supply and 2,000 AF of groundwater supply (3,600 AF projected in 2019/20).
2. MWD Water Rates
  - A. Water Rate - \$1,078/AF - July through December 2020. \$1,104/AF - January through June 2021.

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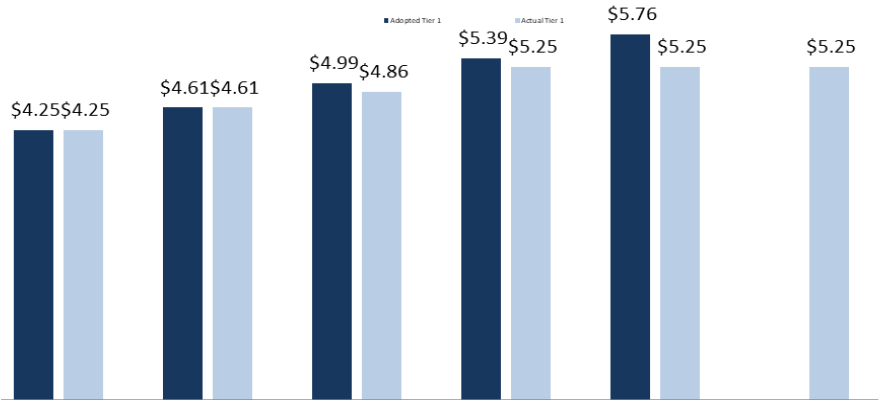
**BUDGET ASSUMPTIONS (continued)**

- B. Readiness to Serve Charges RTS - 2020/21 - \$119,050/yr (2019/20 - \$131,632/yr)
- C. MWD Capacity Charges - 2020/21 - \$45,419 (2019/20 - \$53,124/yr)
- 3. MWDOC Charges
  - A. 2020/21 - \$12.35 per meter (\$12.40 in 2019/20)
- 4. Groundwater Charges
  - A. Groundwater Rate - \$487/AF - 2020/21 (\$487/AF - 2019/20)
  - b. Delivery Cost from Newport Beach - \$120/AF - 2020/21 (\$118/AF - 2019/20)

**Water Sales**

Water sales are estimated at 3,260 AF. The District is estimating a 6.0 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 became effective on and after November 1 of each year with the last adopted rate becoming effective November 1, 2019. The Tier 1 commodity rate for 2020 remains at \$5.25 and the Tier 2 commodity rate remains at \$9.09. The District’s ability to maintain the rates is due to lower projected water purchase costs this year, and the District’s signing of an historic agreement to pump groundwater from the Santa Ana River Basin in 2016, reducing the District’s water supply costs. The rate analysis will be re-assessed in August 2020 to refine the District’s rate setting strategy for calendar years 2021-25.

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



**Commodity Rate:** The FY 2020/21 water sales revenue projection is based on the following commodity rates:

2020 Tier 1 Rate:	\$5.25	2021 Tier 1 Rate:	(TBD)
2020 Tier 2 Rate:	\$9.09	2021 Tier 2 Rate:	(TBD)

Water sales revenue from Tier 2, which is used to fund the District’s Water Use Efficiency Programs, is estimated to be \$421,340. Funds not expended are deposited in the District’s Rate Stabilization Reserve Fund. This fund mitigates the impact of any future drought conservation requirements to reduce water usage.

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## BUDGET ASSUMPTIONS (continued)

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

### 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 2020/21 budget, a net increase in reserves is projected.

The District continues its longstanding practice of cash funding (“PAYGO”) its capital project requirements. As a result, the District continues to operate debt-free. The practice of cash funding capital projects requires a build up of reserve balances over certain periods of time to ensure the appropriate amount of funds are available. Currently, the District has earmarked approximately \$9 million of current reserve funds for the required replacement of the Rim Rock reservoir over the next two years. The District’s long-range financial plan illustrates that once this expenditure occurs, the District reserve balance will be between the maximum and the minimum policy target levels (see chart below).

The purpose of establishing minimum reserve balance levels is to maintain fiscally responsible reserve levels to ensure long-term financial stability and to preserve and protect the ratepayers’ investment in the District’s water system infrastructure and water supply reliability. The District’s minimum target levels include reserves related to operating, capital, emergency/major asset failure, rate stabilization, and employee liabilities.

### 5-Year Earmark of Reserves Based on Identified Capital Projects

District Policy Targets	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25
Maximum Reserves Policy Target	\$13,666,415	\$14,110,058	\$13,906,958	\$13,550,224	\$14,025,632
Minimum Reserves Policy Target	\$10,087,884	\$10,437,802	\$10,138,360	\$9,682,590	\$10,056,185

Capital Projects and Reserve Balances	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25
Estimated Beginning Balance (Par Value)	\$17,784,315	\$18,007,215	\$15,119,762	\$12,632,550	\$12,598,799
Rim Rock Replacement	(900,000)	(4,600,000)	(3,700,000)	0	0
Other Reservoir Projects	(625,000)	(200,000)	(655,000)	(2,440,000)	(3,040,000)
Pipeline Replacement	(250,000)	(510,000)	(525,000)	(550,000)	(810,000)
Other Trans & Dist Projects	(540,000)	(850,000)	(855,000)	(860,000)	(905,000)
Other Capital Projects	(1,054,750)	(788,000)	(820,000)	(250,000)	(250,000)
OCWD Groundwater Rights	(620,000)	0	0	0	0
Estimated Other Revenue & Expenses	4,212,650	4,060,547	4,067,788	4,066,249	4,115,146
<b>Estimated Ending Balance (Par Value)</b>	<b>\$18,007,215</b>	<b>\$15,119,762</b>	<b>\$12,632,550</b>	<b>\$12,598,799</b>	<b>\$11,708,945</b>

# REVENUE AND EXPENDITURES

## Allocation of Projected Revenue vs. Expenditures

	<b>PROJECTED</b>
	<b>2020/21</b>
<hr/>	
<b>OPERATING REVENUE</b>	\$11,673,550
LESS: OPERATING EXPENSE	11,673,420
NET OPERATING INCOME/(LOSS)	<u>130</u>
<b>NON-OPERATING REVENUE</b>	4,179,530
LESS: NON-OPERATING EXPENSE	3,989,750
NET NON-OPERATING INCOME/(LOSS)	<u>189,780</u>
<b>NET INCOME/(LOSS)</b>	<u><u>\$ 189,910</u></u>

## Analysis of 2020/21 Budget Revenue Projection

	BUDGET 2019/20	BUDGET 2020/21
<b>OPERATING REVENUE</b>		
WATER SALES	\$ 11,360,840	\$ 11,450,410
FIRE SERVICE	11,570	10,940
ADMINISTRATIVE FEES & PENALTIES	65,000	65,000
ENGINEERING/PLANNING FEES	5,000	7,200
OVERHEAD CHARGE	8,000	9,000
EQUIPMENT CHARGE	18,000	18,000
MISCELLANEOUS REVENUE	40,000	33,000
SERVICE INSTALLATION FEES	80,000	80,000
TOTAL OPERATING REVENUE	11,588,410	11,673,550
TOTAL OPERATING REVENUE	11,425,250	11,673,420
<b>NET OPERATING INCOME/(LOSS)</b>	163,160	130
<b>NON-OPERATING REVENUE</b>		
WATER CAPACITY FEES	151,100	140,000
PROPERTY LEASE REVENUE	39,600	46,840
ANTENNAE LEASE REVENUE	398,840	416,740
INTEREST REVENUE	300,000	310,000
PROPERTY TAX REVENUE	3,035,850	3,265,950
TOTAL NON-OPERATING REVENUE	3,925,390	4,179,530
TOTAL CAPITAL EXPENDITURES FY 2020/21 PROJECTS	3,957,500	3,989,750
<b>NET NON-OPERATING INCOME/(LOSS)</b>	(32,110)	189,780
<b>NET INCOME/(LOSS)</b>	<b>\$ 131,050</b>	<b>\$ 189,910</b>

# BUDGET OVERVIEW

## 2020/21 Operating Budget

The operating budget includes the day-to-day operations of the District, which includes operations, customer service, engineering, water use efficiency, human resources, finance, and administration. For this fiscal year, there is a projected increase in expenditures of \$248,170. This equates to a 2.2 percent increase from the previous year's operating budget (last year's increase over the prior year budget was 5.2 percent).

### Water Purchases

In 2016, the District began taking delivery of up to 2,025 acre-feet of water per year from the Santa Ana Groundwater Basin thus reducing its 100 percent dependence on imported water supplies. For FY 2020/21, total groundwater costs are projected to be \$607 per acre-foot. This cost consists of supply charges from the Orange County Water District (OCWD), confirmed to be \$487 per acre-foot (OCWD decided to keep their rate the same for this fiscal year due to current economic conditions), and delivery charges from the City of Newport Beach, projected at \$120 per acre-foot. The District estimates that groundwater purchases will be approximately 2,000 acre-feet during FY 2020/21. Import water purchases from Metropolitan Water District of Orange County (MWDOC) are estimated at 1,465 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 \$1,078 to \$1,104 an acre-foot in January 2021, or 2.4 percent. In addition, MWDOC decreased its meter connection charge from \$12.40 to \$12.35. Therefore, the FY 2020/21 budgeted total water purchase costs are projected to decrease by \$109,280 compared to last year's budgeted amount.

### Labor and Benefits

Labor costs are projected to increase by \$36,590, or 1.1 percent, due to projected merit increases. Benefits costs are projected to increase \$263,790, or 12.6 percent, due to increases in medical insurance premiums, PERS normal cost rates, and the District's FY 2020/21 PERS unfunded liability premium (UAL). This year's UAL obligation for Classic PERS employees is \$441,646 and for PEPRA employees \$3,858. Classic employees will contribute 7.0 percent of salary to cover their contribution to PERS, and PEPRA employees will contribute 6.75 percent. All other benefit coverages are either projected to remain the same as last year 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 increase from 124 to 151. This increase in the e-mod rate will result in an increased workers' compensation premium for FY 2020/21.

### Field and Maintenance

The field operations component of the budget, including labor and benefits less water costs, are projected to increase by \$280,260 or 6.3 percent. This area covers operation 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

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## BUDGET OVERVIEW (continued)

to increased maintenance and expense activity on pumping, mainlines, and the valves, vaults, and hydrants program.

### 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 decrease of \$14,370 or 1.8 percent is mainly due to anticipated decreases in labor and benefits costs associated with a transition in the General Manager's office.

### Administration and Customer Service

Expenses in Administration and Customer Service budget are projected to increase by \$34,500 or 3.3 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 decrease by \$10,670, or 2.5 percent, due to a decrease in expenses for conservation-related programs, rebates, and materials. 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 \$45,330 or 5.6 percent. Projected benefits expenses account for the increased costs.

### Engineering

The engineering section of the budget is projected to increase by \$22,400 or 3.3 percent. The engineering department provides technical expertise to support operations of the District. The projected increase is due to higher labor and benefits costs.

## 2020/21 Capital Budget

This year, the District proposes to spend \$3,989,750 on capital projects, an increase of \$32,250 over the 2019/20 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

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## BUDGET OVERVIEW (continued)

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 \$60,000.

### Reservoir and Pump Station Projects

These projects are too large to be considered maintenance items. Eight (8) projects totaling \$1,525,000 are proposed for this fiscal year. They include upgrades and replacements at various District pump stations and reservoirs, with \$900,000 of this year's total budget attributed to the planned Rim Rock Reservoir replacement project.

### 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, \$790,000 is proposed to be expended in this category, with a combined \$400,000 being allocated for the replacement of various valves and 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 account for \$550,000 of the \$604,750 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 cold plane for asphalt paving and a portable generator. Total projected expenses are \$260,000.

### 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 year represents the last payment of five (5) scheduled annual payments.

## 2019/20 &amp; 2020/21 OPERATING BUDGET COMPARISON

SECTION/PAGE	DESCRIPTION	BUDGET 2019/20	BUDGET 2020/21
5-15	<b>OPERATIONS - SOURCE OF SUPPLY (51000)</b>		
	SOURCE OF SUPPLY - SYSTEM OPERATIONS (51100)	\$ -	\$ -
	SOURCE OF SUPPLY-CSL (51200)	72,380	60,070
	SOURCE OF SUPPLY-ATM (51300)	158,170	119,320
	SOURCE OF SUPPLY-WELLS (51400)	-	-
	PURCHASED WATER (51500)	3,202,630	3,093,350
	<b>TOTAL SOURCE OF SUPPLY</b>	<b>3,433,180</b>	<b>3,272,740</b>
5-16	<b>OPERATIONS - PUMPING (52000)</b>		
	PUMPING EXPENSE (52100)	513,150	662,370
	PUMPING POWER (52200)	255,000	265,000
	<b>TOTAL PUMPING</b>	<b>768,150</b>	<b>927,370</b>
5-17	<b>OPERATIONS - TRANSMISSION &amp; DISTRIBUTION (54000)</b>		
	RESERVOIR EXPENSE (54100)	1,004,820	1,006,340
	MAINLINE EXPENSE (54200)	1,520,520	1,704,320
	METER EXPENSE (54300)	224,150	216,760
	VALVE, VAULT, FIRE HYDRANT EXPENSE (54400)	293,230	370,010
	PAVING EXPENSE (54500)	50,000	50,000
	GENERAL PLANT - BUILDING (54700)	295,330	212,820
	SCADA EXPENSE (54800)	45,000	45,000
	<b>TOTAL TRANSMISSION &amp; DISTRIBUTION</b>	<b>3,433,050</b>	<b>3,605,250</b>
5-18	<b>GENERAL MANAGERS OFFICE (55000)</b>		
	GENERAL MANAGERS EXPENSE (55100)	431,650	398,060
	HUMAN RESOURCES (55200)	181,070	189,270
	COMMISSION/BOARD (55400)	117,590	93,700
	LEGAL (55500)	64,020	100,000
	AUDIT(55600)	20,400	19,330
	<b>TOTAL GENERAL MANAGERS OFFICE</b>	<b>814,730</b>	<b>800,360</b>
5-19	<b>ADMINISTRATION AND CUSTOMER SERVICE (56000 &amp; 57000)</b>		
	ADMINISTRATIVE EXPENSE (56100)	185,080	185,050
	DATA MANAGEMENT (56200)	97,760	97,000
	RECORDS RETENTION (56300)	720	900
	PUBLIC INFORMATION (56400)	31,260	20,800
	DISTRICT RECOGNITION (56800)	18,780	28,820
	CUSTOMER SERVICE (57200)	715,310	750,840
	<b>TOTAL ADMINISTRATION AND CUSTOMER SERVICE</b>	<b>1,048,910</b>	<b>1,083,410</b>
5-20	<b>WATER USE EFFICIENCY (57500)</b>		
	OFFICE EXPENSE (57510)	237,070	249,040
	PROGRAMS/REBATES (57520)	73,200	52,500
	OUTREACH/EVENTS/SPONSORSHIPS (57530)	58,800	58,800
	DEVICES/MATERIALS (57540)	15,000	12,000
	SMARTSCAPE INFO/EXPO (57550)	47,940	49,000
	<b>TOTAL WATER USE EFFICIENCY</b>	<b>432,010</b>	<b>421,340</b>
5-21	<b>FINANCE (58000)</b>		
	FINANCE EXPENSE (58100)	565,640	609,630
	GENERAL OFFICE EXPENSE (58200)	76,960	72,660
	INSURANCE (58300)	172,680	178,320
	INSURANCE CLAIMS (58400)	-	-
	<b>TOTAL FINANCE</b>	<b>815,280</b>	<b>860,610</b>
5-22	<b>ENGINEERING (59000)</b>		
	ENGINEERING EXPENSE (59100)	413,010	421,650
	WATER QUALITY EXPENSE (59200)	266,930	280,690
	<b>TOTAL ENGINEERING</b>	<b>679,940</b>	<b>702,340</b>
	<b>TOTAL OPERATING BUDGET</b>	<b>\$ 11,425,250</b>	<b>\$ 11,673,420</b>



**2020/21 OPERATING BUDGET SUMMARY BY EXPENSE**

SECTION/PAGE	DESCRIPTION	BUDGET 2019/20	BUDGET 2020/21
5-15	<b>OPERATIONS - SOURCE OF SUPPLY (51000)</b>		
	LABOR	\$ 131,230	\$ 100,820
	BENEFITS	79,820	67,470
	MATERIALS	2,677,660	2,571,370
	EQUIPMENT	3,500	2,560
	OUTSIDE SERVICES	540,970	530,520
	<b>TOTAL SOURCE OF SUPPLY</b>	<b>3,433,180</b>	<b>3,272,740</b>
5-16	<b>OPERATIONS - PUMPING (52000)</b>		
	LABOR	230,800	288,370
	BENEFITS	157,310	214,100
	MATERIALS	21,020	36,990
	EQUIPMENT	63,010	62,640
	OUTSIDE SERVICES	296,010	325,270
	<b>TOTAL PUMPING</b>	<b>768,150</b>	<b>927,370</b>
5-17	<b>OPERATIONS - TRANSMISSION &amp; DISTRIBUTION (54000)</b>		
	LABOR	1,352,370	1,401,890
	BENEFITS	852,860	964,840
	MATERIALS	357,180	362,550
	EQUIPMENT	189,550	184,800
	OUTSIDE SERVICES	681,090	691,170
	<b>TOTAL TRANSMISSION &amp; DISTRIBUTION</b>	<b>3,433,050</b>	<b>3,605,250</b>
5-18	<b>GENERAL MANAGERS OFFICE (55000)</b>		
	LABOR	359,850	332,970
	BENEFITS	286,340	265,680
	MATERIALS	10,320	9,320
	EQUIPMENT	600	600
	OUTSIDE SERVICES	157,620	191,790
	<b>TOTAL GENERAL MANAGERS OFFICE</b>	<b>814,730</b>	<b>800,360</b>
5-19	<b>ADMINISTRATION AND CUSTOMER SERVICE (56000 &amp; 57000)</b>		
	LABOR	471,370	452,710
	BENEFITS	272,700	313,440
	MATERIALS	28,200	18,280
	EQUIPMENT	0	11,000
	OUTSIDE SERVICES	276,640	287,980
	<b>TOTAL ADMINISTRATION AND CUSTOMER SERVICE</b>	<b>1,048,910</b>	<b>1,083,410</b>
5-20	<b>WATER USE EFFICIENCY (57500)</b>		
	LABOR	164,730	160,430
	BENEFITS	94,660	109,610
	MATERIALS	41,620	40,900
	EQUIPMENT	-	-
	OUTSIDE SERVICES	131,000	110,400
	<b>TOTAL WATER USE EFFICIENCY</b>	<b>432,010</b>	<b>421,340</b>
5-21	<b>FINANCE (58000)</b>		
	LABOR	325,120	321,200
	BENEFITS	175,400	224,290
	MATERIALS	31,800	28,500
	EQUIPMENT	-	-
	OUTSIDE SERVICES	282,960	286,620
	<b>TOTAL FINANCE</b>	<b>815,280</b>	<b>860,610</b>
5-22	<b>ENGINEERING (59000)</b>		
	LABOR	282,950	296,620
	BENEFITS	170,970	194,420
	MATERIALS	16,020	13,500
	EQUIPMENT	16,080	14,500
	OUTSIDE SERVICES	193,920	183,300
	<b>TOTAL ENGINEERING</b>	<b>679,940</b>	<b>702,340</b>
	<b>TOTAL OPERATING BUDGET</b>	<b>\$ 11,425,250</b>	<b>\$ 11,673,420</b>

**2020/21 CAPITAL BUDGET SUMMARY**

SECTION/PAGE	DESCRIPTION	BUDGET 2020/21
6-25	<b>JOINT POWERS PROJECTS</b>	
	AUFDENKAMP TRANSMISSION MAIN (ATM) CORROSION PROTECTION INVESTIGATION	\$ 30,000
	AUFDENKAMP TRANSMISSION MAIN (ATM) TURNOUT METER AT PC-1	30,000
	<b>TOTAL JOINT POWERS PROJECTS</b>	<b>60,000</b>
6-26	<b>RESERVOIR AND PUMP STATION PROJECTS</b>	
	MIXING SYSTEM AT OAK STREET AND TEMPLE 800 RESERVOIRS	50,000
	RIMROCK RESERVOIR PUMP STATION REPLACEMENT	900,000
	TEMPLE HILLS 800 PUMP STATION DESIGN	50,000
	NYES PLACE PRV REPLACEMENT AND PIPELINE ABANDONMENT	200,000
	POWER CHECK VALVES AT PLATZ AND SYCAMORE PUMP STATION	100,000
	VIEJO PUMP STATION BYPASS INTAKE REPLACEMENT	75,000
	FLOW METER AT SUMMIT PUMP STATION	100,000
	JAHRAUS RESERVOIR ACCESS ROAD GRADING	50,000
	<b>TOTAL RESERVOIR AND PUMP STATION PROJECTS</b>	<b>1,525,000</b>
6-27	<b>TRANSMISSION AND DISTRIBUTION PROJECTS</b>	
	VALVE REPLACEMENT	200,000
	FIRE HYDRANT REPLACEMENT	200,000
	SERVICE LINES	100,000
	MONTEREY 10-INCH PIPE REPLACEMENT	250,000
	AGATE CONTROL VALVE FOR SUMMIT FLOW	20,000
	EL TORO WATER DISTRICT EMERGENCY INTERTIE DESIGN	20,000
	<b>TOTAL TRANSMISSION AND DISTRIBUTION PROJECTS</b>	<b>790,000</b>
6-28	<b>OFFICE EQUIPMENT/TECHNOLOGY</b>	
	OFFICE FURNITURE	15,000
	COMPUTERS, PERIPHERALS, & NETWORK INFRASTRUCTURE	30,000
	SCADA SYSTEM UPGRADES	550,000
	OMNI H2 TCM'S AND SWIVEL CONNECTIONS (5)	9,750
	<b>TOTAL OFFICE EQUIPMENT</b>	<b>604,750</b>
6-29	<b>EQUIPMENT AND VEHICLES</b>	
	COLD PLANE	60,000
	PORTABLE GENERATOR	200,000
	<b>VEHICLES</b>	<b>260,000</b>
6-30	<b>FACILITY UPGRADES</b>	
	TRAINING ROOM/LOCKER ROOM/BREAK ROOM UPGRADES	130,000
	<b>TOTAL FACILITIES UPGRADES</b>	<b>130,000</b>
6-31	<b>WATER SUPPLY PROJECTS</b>	
	OCWD RIGHTS CONSIDERATION	620,000
	<b>TOTAL WATER SUPPLY PROJECTS</b>	<b>620,000</b>
	<b>TOTAL CAPITAL BUDGET</b>	<b>\$ 3,989,750</b>

## OPERATING 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)	\$ 198,120	\$ 137,570	\$ 3,000	\$ 8,000	\$ 19,000	\$ 365,690
SYSTEM OPERATION - REALLOCATION (51120)	(198,120)	(137,570)	(3,000)	(8,000)	(19,000)	(365,690)
<b>SOURCE OF SUPPLY - COAST SUPPLY LINE (51200)</b>						
REACH 1 (51210)	10,100	7,060	90	240	1,570	19,060
REACH 2 (51220)	10,100	7,060	90	240	570	18,060
REACH 3 (51230)	14,070	6,880	150	400	1,450	22,950
LBCWD METER (51250)						
<b>SOURCE OF SUPPLY - AUFDENKAMP TRANS. LINE (51300)</b>						
REACH 1 (51310)	32,090	22,370	360	960	2,280	58,060
IRWD METER (51320)						
SMWD METER (51330)						
REACH 2 (51340)	18,220	12,740	150	400	950	32,460
REACH 3 (51350)	16,240	11,360	120	320	760	28,800
LBCWD METER - AGATE (51360)						
<b>PURCHASED WATER (51500)</b>						
WATER CHARGE (51510)			1,596,410			1,596,410
METROPOLITAN WATER DISTRICT CHARGES (51520)					164,470	164,470
MUNICIPAL WD OF ORANGE COUNTY CHARGES (51530)					118,470	118,470
GROUNDWATER CHARGES (51540)			974,000		240,000	1,214,000
<b>TOTAL SOURCE OF SUPPLY (51000)</b>	<b>\$ 100,820</b>	<b>\$ 67,470</b>	<b>\$ 2,571,370</b>	<b>\$ 2,560</b>	<b>\$ 530,520</b>	<b>\$ 3,272,740</b>

## Pumping

	Labor	Benefits	Materials	Equipment	Outside Services	Totals
<b>PUMPING (52000)</b>						
<b>PUMPING EXPENSE( 52100)</b>						
GENERAL EXPENSE (52110)	\$ 288,370	\$ 214,100	\$ 36,990	\$ 62,640	\$ 60,270	\$ 662,370
<b>POWER (52200)</b>					265,000	<b>265,000</b>
<b>TOTAL PUMPING (52000)</b>	<b>\$ 288,370</b>	<b>\$ 214,100</b>	<b>\$ 36,990</b>	<b>\$ 62,640</b>	<b>\$ 325,270</b>	<b>\$ 927,370</b>

## Transmission and Distribution

	Labor	Benefits	Materials	Equipment	Outside Services	Totals
<b>TRANSMISSION AND DISTRIBUTION (54000)</b>						
<b>RESERVOIR EXPENSE (54100)</b>						
RESERVOIR EXPENSE (54110)	\$ 275,840	\$ 187,680	\$ 27,900	\$ 58,400	\$ 141,200	\$ 691,020
LANDSCAPING (54120)					150,000	150,000
TREE TRIMMING (54130)					25,000	25,000
<b>CHLORINATION/INSPECTION (54140)</b>						
EL MORRO #1 (54160)	9,910	6,880	150	400	950	18,290
WATER TREATMENT (54170)	25,800	17,480	74,500		4,250	122,030
<b>MAINLINE EXPENSE (54200)</b>						
MAINLINE EXPENSE (54210)	783,410	540,890	145,000	66,000	90,000	1,625,300
UNIFORMS EXPENSE (54220)			6,000		15,000	21,000
PROFESSIONAL DEVELOPMENT (54230)			1,500		18,000	19,500
COMMUNICATIONS (54240)					8,520	8,520
TRUCKING/COUNTY FEES (54260)					30,000	30,000
<b>METER EXPENSE (54300)</b>						
METER EXPENSE (54310)	74,250	51,260	58,500	20,000	12,750	216,760
<b>VALVE, VAULT, FIRE HYDRANT EXPENSE (54400)</b>						
VALVE, VAULT, FIRE HYDRANT EXPENSE (54410)	174,220	120,290	27,000	40,000	8,500	370,010
<b>PAVING EXPENSE (54500)</b>						
					50,000	50,000
<b>EQUIPMENT EXPENSE (54600)</b>						
EQUIPMENT EXPENSE (54610)	105,230	72,660	20,000		75,000	272,890
FUEL (54620)			70,000		10,000	80,000
REALLOCATION (54650)	(105,230)	(72,660)	(90,000)		(85,000)	(352,890)
<b>BUILDING/WAREHOUSE EXPENSE (54700)</b>						
BUILDING EXPENSE (54710)	58,460	40,360	20,000		30,000	148,820
LANDSCAPING (54720)					6,000	6,000
UTILITIES (54730)					26,000	26,000
JANITORIAL (54740)			2,000		30,000	32,000
<b>SCADA (54800)</b>						
SCADA EXPENSE (54810)					45,000	45,000
<b>TOTAL TRANSMISSION AND DISTRIBUTION (54000)</b>	<b>\$ 1,401,890</b>	<b>\$ 964,840</b>	<b>\$ 362,550</b>	<b>\$ 184,800</b>	<b>\$ 691,170</b>	<b>\$ 3,605,250</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)	\$ 207,430	\$ 135,730	\$ 960	\$ 600	\$ 1,200	\$ 345,920
PUBLICATIONS/MEMBERSHIPS (55120)			540		42,000	42,540
PROFESSIONAL DEVELOPMENT (55130)			2,100		7,500	9,600
<b>HUMAN RESOURCES (55200)</b>						
OFFICE EXPENSE (55210)	102,020	72,190	1,620		5,400	181,230
PUBLICATIONS/MEMBERSHIPS (55220)			540		540	1,080
PROFESSIONAL DEVELOPMENT (55230)			140		2,200	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	57,760	1,020			82,300
PROFESSIONAL DEVELOPMENT (55420)			1,800		9,600	11,400
<b>LEGAL (55500)</b>						
					100,000	100,000
<b>AUDIT (55600)</b>						
					19,330	19,330
<b>TOTAL GENERAL MANAGER'S OFFICE (55000)</b>						
	<b>\$ 332,970</b>	<b>\$ 265,680</b>	<b>\$ 9,320</b>	<b>\$ 600</b>	<b>\$191,790</b>	<b>\$ 800,360</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)	\$ 113,550	\$ 62,920	\$ 600		\$ 720	\$ 177,790
PUBLICATIONS/MEMBERSHIPS (56120)			120		720	840
PROFESSIONAL DEVELOPMENT (56130)			420		6,000	6,420
<b>DATA MANAGEMENT (56200)</b>						
CONSULTING SERVICES (56210)			2,500		48,000	50,500
SOFTWARE LICENSE RENEWALS (56220)					46,500	46,500
<b>RECORDS RETENTION (56300)</b>						
RECORDS MANAGEMENT (56320)					900	900
<b>PUBLIC INFORMATION (56400)</b>						
PUBLIC INFORMATION OUTREACH (56410)			6,000		10,000	16,000
COMMUNITY PARTICIPATION (56420)			1,200			1,200
SCHOOL EDUCATION (56430)						
WATER-WISE GARDEN (56440)			1,200		2,400	3,600
<b>DISTRICT RECOGNITION (56800)</b>						
MISCELLANEOUS DISTRICT ACTIVITIES (56810)			1,020		16,000	17,020
EMPLOYEE RECOGNITION PROGRAMS (56820)			1,200		10,600	11,800
<b>CUSTOMER SERVICE OFFICE (57200)</b>						
OFFICE EXPENSE (57210)	339,160	250,520	3,480	11,000	5,040	609,200
PROFESSIONAL DEVELOPMENT (57230)			540		6,240	6,780
BILL OUTSOURCING (57240)					40,800	40,800
CONSULTING SERVICES (57250)					84,060	84,060
UNCOLLECTIBLES (57260)					10,000	10,000
<b>TOTAL ADMIN AND CUSTOMER SERVICE (56000 &amp; 57000)</b>	<b>\$ 452,710</b>	<b>\$ 313,440</b>	<b>\$ 18,280</b>	<b>\$ 11,000</b>	<b>\$ 287,980</b>	<b>\$ 1,083,410</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)	\$ 144,390	\$ 98,650			\$ 6,000	\$ 249,040
PROGRAMS/REBATES (57520)			\$ 4,500		48,000	52,500
OUTREACH/EVENTS/SPONSORSHIPS (57530)			14,400		44,400	58,800
DEVICES/MATERIALS (57540)			12,000			12,000
SMARTSCAPE INFO/EXPO (57550)	16,040	10,960	10,000		12,000	49,000
<b>TOTAL WATER USE EFFICIENCY (57500)</b>	<b>\$ 160,430</b>	<b>\$ 109,610</b>	<b>\$ 40,900</b>		<b>\$ 110,400</b>	<b>\$ 421,340</b>

## Finance

	Labor	Benefits	Materials	Equipment	Outside Services	Totals
<b>FINANCE (58000)</b>						
<b>FINANCE EXPENSE (58100)</b>						
OFFICE EXPENSE (58110)	\$ 321,200	\$ 224,290	\$ 480		\$ 2,400	\$ 548,370
PUBLICATIONS/MEMBERSHIPS (58120)					540	540
PROFESSIONAL DEVELOPMENT (58130)			720		10,200	10,920
PAYROLL SERVICES (58140)					10,800	10,800
BANKING SERVICES (58150)					12,000	12,000
SAFEKEEPING - INVESTMENTS (58160)						
CONSULTING SERVICES (58170)					27,000	27,000
<b>GENERAL OFFICE EXPENSE (58200)</b>						
OFFICE EXPENSE (58210)			25,200		600	25,800
POSTAGE (58220)			1,800		2,400	4,200
UTILITIES (58230)					39,360	39,360
MAINTENANCE - OFFICE EQUIPMENT (58240)			300		3,000	3,300
<b>INSURANCE (58300)</b>						
GENERAL LIABILITY (58310)					150,000	150,000
PROPERTY (58320)					24,000	24,000
STORAGE TANKS (58330)					3,000	3,000
MISCELLANEOUS (58340)					1,320	1,320
<b>INSURANCE CLAIMS (58400)</b>						
GENERAL LIABILITY (58410)						
PROPERTY (58420)						
<b>TOTAL FINANCE (58000)</b>	<b>\$ 321,200</b>	<b>\$ 224,290</b>	<b>\$ 28,500</b>		<b>\$ 286,620</b>	<b>\$ 860,610</b>

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

	Labor	Benefits	Materials	Equipment	Outside Services	Totals
OFFICE EXPENSE (59110)	\$ 184,150	\$ 120,700	\$ 500		\$ 60,000	\$ 365,350
PUBLICATIONS/MEMBERSHIPS (59120)					1,500	1,500
PROFESSIONAL DEVELOPMENT (59130)					4,800	4,800
GEOGRAPHICAL INFORMATION SYSTEM - GIS (59150)					50,000	50,000

**WATER QUALITY EXPENSE (59200)**

ROUTINE SAMPLING (59210)	28,120	18,430	13,000	4,000	15,000	78,550
RESERVOIR SAMPLING (59220)	39,360	25,800		8,000	10,000	83,160
BACKFLOW (59230)	44,990	29,490		2,500	1,500	78,480
DHS FEES (59240)					33,000	33,000
ANNUAL WATER QUALITY REPORT (59250)					7,500	7,500

**TOTAL ENGINEERING (59000)**

	<b>\$ 296,620</b>	<b>\$ 194,420</b>	<b>\$ 13,500</b>	<b>\$ 14,500</b>	<b>\$ 183,300</b>	<b>\$ 702,340</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.

**2020/21 CAPITAL BUDGET SUMMARY**

SECTION/PAGE	DESCRIPTION	BUDGET 2020/21
6-25	<b>JOINT POWERS PROJECTS</b>	
	AUFDENKAMP TRANSMISSION MAIN (ATM) CORROSION PROTECTION INVESTIGATION	\$ 30,000
	AUFDENKAMP TRANSMISSION MAIN (ATM) TURNOUT METER AT PC-1	30,000
	<b>TOTAL JOINT POWERS PROJECTS</b>	<b>60,000</b>
6-26	<b>RESERVOIR AND PUMP STATION PROJECTS</b>	
	MIXING SYSTEM AT OAK STREET AND TEMPLE 800 RESERVOIRS	50,000
	RIMROCK RESERVOIR PUMP STATION REPLACEMENT	900,000
	TEMPLE HILLS 800 PUMP STATION DESIGN	50,000
	NYES PLACE PRV REPLACEMENT AND PIPELINE ABANDONMENT	200,000
	POWER CHECK VALVES AT PLATZ AND SYCAMORE PUMP STATION	100,000
	VIEJO PUMP STATION BYPASS INTAKE REPLACEMENT	75,000
	FLOW METER AT SUMMIT PUMP STATION	100,000
	JAHRAUS RESERVOIR ACCESS ROAD GRADING	50,000
	<b>TOTAL RESERVOIR AND PUMP STATION PROJECTS</b>	<b>1,525,000</b>
6-27	<b>TRANSMISSION AND DISTRIBUTION PROJECTS</b>	
	VALVE REPLACEMENT	200,000
	FIRE HYDRANT REPLACEMENT	200,000
	SERVICE LINES	100,000
	MONTEREY 10-INCH PIPE REPLACEMENT	250,000
	AGATE CONTROL VALVE FOR SUMMIT FLOW	20,000
	EL TORO WATER DISTRICT EMERGENCY INTERTIE DESIGN	20,000
	<b>TOTAL TRANSMISSION AND DISTRIBUTION PROJECTS</b>	<b>790,000</b>
6-28	<b>OFFICE EQUIPMENT/TECHNOLOGY</b>	
	OFFICE FURNITURE	15,000
	COMPUTERS, PERIPHERALS, & NETWORK INFRASTRUCTURE	30,000
	SCADA SYSTEM UPGRADES	550,000
	OMNI H2 TCM'S AND SWIVEL CONNECTIONS (5)	9,750
	<b>TOTAL OFFICE EQUIPMENT</b>	<b>604,750</b>
6-29	<b>EQUIPMENT AND VEHICLES</b>	
	COLD PLANE	60,000
	PORTABLE GENERATOR	200,000
	<b>VEHICLES</b>	<b>260,000</b>
6-30	<b>FACILITY UPGRADES</b>	
	TRAINING ROOM/LOCKER ROOM/BREAK ROOM UPGRADES	130,000
	<b>TOTAL FACILITIES UPGRADES</b>	<b>130,000</b>
6-31	<b>WATER SUPPLY PROJECTS</b>	
	OCWD RIGHTS CONSIDERATION	620,000
	<b>TOTAL WATER SUPPLY PROJECTS</b>	<b>620,000</b>
	<b>TOTAL CAPITAL BUDGET</b>	<b>\$ 3,989,750</b>

## 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 **Aufdenkamp Transmission Main (ATM) Corrosion Protection Investigation & Repairs**

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
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### 1.2 **Aufdenkamp Transmission Main (ATM) Turnout Meter at PC-1** – This project involves replacing a meter on the existing turnout with a more accurate magnetic meter in order to better improve overall metering.

Construction \$100,000 LBCWD Share \$30,000	<u>30,000</u>
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**TOTAL**

**\$ 60,000**



## 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>Reservoir Mixing Systems</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>Rimrock Reservoir &amp; Pump Station Replacement</b> - In FY 2016-2017, design work began on a project to replace the Rimrock Reservoir. Design work was completed in FY 2018-19. Construction bids were higher than expected and project was not executed at that time. FY 2020-21 work will include rebidding of a modified design and initiating construction.	900,000
2.3	<b>Temple Hills 800 Pump Station</b> - Existing pump station is made up of custom pump, piping and fittings, which makes replacement parts hard to obtain. New standard pumps, flow meter and piping to be installed. Structural issues need to be addressed. Roof cracking, access hatch failing, and water infiltration needs to be fixed. Design work began in FY 2019-20 with construction beginning in FY 2020-21.	50,000
2.4	<b>Nyes Place PRV Replacement and Pipeline Abandonment</b> - Insufficient pressure regulation from existing pressure-reducing valve and piping. Project will include abandonment of existing vault and 6" AC pipe and construction of a new vault and pressure-reducing station. Design work was completed in house in FY 2019-20. Construction scheduled for 2020-21.	200,000
2.5	<b>Power Check Valves at Platz and Sycamore Pump Stations</b> - Existing pump stations at both Platz and Sycamore currently have equipment that does not adequately control transient pressure surges. The resulting water hammer causes fluctuations in system pressure and has the potential to create damage in the system. New power check valves will control pressure surges by slowly opening and closing during operation.	100,000
2.6	<b>Viejo Pump Station Bypass Intake Replacement</b> - Viejo Pump Station moves water from the coast into the larger reservoirs on the North side of town. Currently, an 80-foot reach of 4" pipe decreases the flow available when utilizing a bypass pump. The pipe will be replaced with an 8" pipe to increase pumping capacity.	75,000
2.7	<b>Flow Meter at Summit Pump Station</b> - In order to properly monitor the performance of the pump station, a magnetic meter is needed for the discharge into the 600 Zone. This will allow for more detail observation of the operation of the pump station.	100,000
2.8	<b>Jahraus Reservoir Access Road Grading</b> - Jahraus Reservoir has unpaved access that is also utilized as a County trail. Maintenance of the trail is handled by the County, but the reservoir site is handled by the District. Over the years, runoff has altered the grading such that the concrete v-ditches do not properly drain the area. This project will return the site to the original grading and restore adequate drainage for the site.	50,000
<b>TOTAL</b>		<b><u>\$ 1,525,000</u></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 25 valves in the next fiscal year.	\$ 200,000
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 12 hydrants in the next fiscal year.	200,000
3.3	<b>Service Lines</b> - Service Lines need to be upgraded due to age, corrosion, leakage and added corrosion protection is needed.	100,000
3.4	<b>Monterey 10" Pipe Replacement</b> - This project has been developed to address a section of 10" pipe constructed in 1954 that has demonstrated pipe joint failures. The project will replace 1,000 ft of 10" asbestos-cement pipe with C900 PVC.	250,000
3.5	<b>Agate Control Valve for Summit Flow</b> - Agate flow control is showing signs of impending failure. In addition, this control scheme has some inherent flaws that will be reviewed in a preliminary design to determine the best installation going forward.	20,000
3.6	<b>El Toro Water District Emergency Intertie Design</b> - The isolated Northern most portion of the District's distribution system was designed with an emergency intertie to supply the area through El Toro Water District in the event of a system failure. That intertie was recently inspected and found in poor condition. This project would scope the work required to improve intertie.	<u>20,000</u>
	<b>TOTAL</b>	<u><u>\$ 790,000</u></u>

## 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.	\$ 15,000
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>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 outdated programmable logic controllers (PLCs) at each of the sites, refreshing the programming of the controllers, and integrating the PLCs with the new radios.	550,000
4.4	<b>Omni H2 TCM's and Swivel Connections (5)</b> - The District is replacing five construction meters that have reached their operating life with Smart Construction Meters that integrate with the District's Smart Meter Infrastructure. Through the existing Smart Meter Infrastructure, the Smart Construction Meters will transmit meter reads and operational alerts to the monitored data base.	<u>9,750</u>
	<b>TOTAL</b>	<u><u>\$ 604,750</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>Cold Plane</b> - Routinely, pavement encountered in the City is found to be too thick for saw cutting and removal must be carried out by other means. A cold plane that can be attached to district equipment would allow for expedited excavation without large scale damage to the surrounding asphalt.	\$ 60,000
5.2	<b>Portable Generator</b> - Current portable generator does not meet AQMD standards and needs to be replaced. The generator is trailer mounted for deployment wherever needed.	<u>200,000</u>
	<b>TOTAL</b>	<u><u>\$ 260,000</u></u>

## 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 (5th 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:

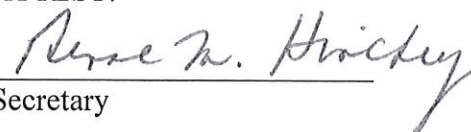
1. The Laguna Beach County Water District of Orange County, California is the sole provider of water within District boundaries.
2. That with respect to the Fee Schedules of the District: (a) the revenues from the fees and charges will not exceed the revenue required to provide the service, (b) the revenues 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
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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. 847**

**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. 839 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 2020, 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
31	14,991	18,738	21,550
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:

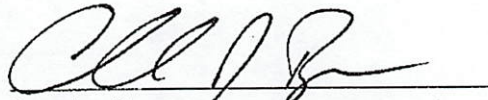
<u>POSITION TITLE</u>	<u>SALARY GRADE</u>
<b>GENERAL MANAGER'S OFFICE:</b>	
General Manager	31
Human Resources and Office Administrator	26
<b>ADMINISTRATION / CUSTOMER SERVICE</b>	
Assistant General Manager	30
Customer Service Supervisor	27
Public Affairs Officer	23
Water Use Efficiency Technician II	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
<b>ENGINEERING:</b>	
Manager of Engineering and Operations	30
Senior Engineering Associate	26
Water Quality Specialist	24
Engineering Technician	23
<b>FINANCE:</b>	
Manager of Finance	29
Accountant	24
Senior Accounting Technician	20
<b>OPERATIONS:</b>	
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. 839 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 2020.

ADOPTED, SIGNED AND APPROVED this 18<sup>th</sup> day of June, 2020.

  
\_\_\_\_\_  
President

ATTEST:

  
\_\_\_\_\_  
Interim Secretary

## RESOLUTION NO. 848

## A RESOLUTION OF THE BOARD OF DIRECTORS OF THE LAGUNA BEACH COUNTY WATER DISTRICT OF ORANGE COUNTY, CALIFORNIA, ADOPTING THE LBCWD 2020/21 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 2020/21 is hereby approved.

ADOPTED, SIGNED, AND APPROVED this 18<sup>th</sup> day of June, 2020.

  
\_\_\_\_\_  
President

ATTEST:

  
\_\_\_\_\_  
Interim 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%
RESOLUTION # 799	11/01/20	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%  0.0%	1104	2.4%

\* Offsets Property Tax Revenue Loss

Revised 05/05/20



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%
2020	2.20%	0