

**COASTSIDE COUNTY WATER DISTRICT**

**766 MAIN STREET**

**HALF MOON BAY, CA 94019**

**SPECIAL MEETING OF THE BOARD OF DIRECTORS**

**Tuesday, May 14, 2019 - 6:00 p.m.**

**AGENDA**

**1) ROLL CALL**

**2) PUBLIC COMMENT**

Members of the public may address the Board of Directors on the items on the agenda for this special meeting. The Chair requests that each person addressing the Board complete and submit a speaker slip, and limit their comments to three (3) minutes.

**3) CLOSED SESSION**

- A. Public Employment**  
**Pursuant to Government Code Section 54957**  
**Title: General Manager**

**4) RECONVENE TO OPEN SESSION**

Public report of Closed Session action.

**5) ADJOURNMENT**

**COASTSIDE COUNTY WATER DISTRICT**

**766 MAIN STREET**

**HALF MOON BAY, CA 94019**

**REGULAR MEETING OF THE BOARD OF DIRECTORS**

**Tuesday, May 14, 2019 - 7:00 p.m.**

**AGENDA**

The Coastside County Water District (CCWD) does not discriminate against persons with disabilities. Upon request, the agenda and agenda packet materials can be provided in a format to accommodate special needs. If you require a copy of the agenda or related materials in an alternative format to accommodate a disability, or if you wish to attend this public meeting and will require special assistance or other special equipment, please call the District at (650) 726-4405 in advance and we will make every reasonable attempt to provide such an accommodation.

All public records relating to an open session item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body will be available for public inspection at the CCWD District Office, located at 766 Main Street, Half Moon Bay, CA at the same time that the public records are distributed or made available to the legislative body.

*This agenda and accompanying materials can be viewed on Coastside County Water District's website located at: [www.coastsidewater.org](http://www.coastsidewater.org).*

**The Board of the Coastside County Water District reserves the right to take action on any item included on this agenda.**

- 1) ROLL CALL**
- 2) PLEDGE OF ALLEGIANCE**
- 3) PUBLIC COMMENT**

*At this time members of the public may address the Board of Directors on issues not listed on the agenda which are within the purview of the Coastside County Water District. Comments on matters that are listed on the agenda may be made at the time the Board is considering each item. Each speaker is allowed a maximum of three (3) minutes and must complete and submit a speaker slip. The President of the Board will recognize each speaker, at which time the speaker should proceed to the podium, give their name and address and provide their comments to the Board.*

#### 4) CONSENT CALENDAR

The following matters before the Board of Directors are recommended for action as stated by the General Manager. All matters listed hereunder constitute a Consent Calendar, are considered as routine by the Board of Directors, and will be acted upon by a single vote of the Board. There will be no separate discussion of these items unless a member of the Board so requests, in which event the matter shall be removed from the Consent Calendar and considered as a separate item.

- A. Approval of disbursements for the month ending April 30, 2019:  
Claims: \$647,198.27; Payroll: \$105,864.82 for a total of \$753,063.09 ([attachment](#))  
➤ *April 2019 Monthly Financial Claims reviewed and approved by President Coverdell*
- B. Acceptance of Financial Reports ([attachment](#))
- C. Approval of Minutes of April 9, 2019 Regular Board of Directors Meeting ([attachment](#))
- D. Approval of Minutes of April 29, 2019 Special Board of Directors Meeting ([attachment](#))
- E. Monthly Water Service Connection Transfer Report ([attachment](#))
- F. Installed Water Connection Capacity and Water Meters Report ([attachment](#))
- G. Total CCWD Production Report ([attachment](#))
- H. CCWD Monthly Sales by Category Report – April 2019 ([attachment](#))
- I. Monthly Planned Plant or Tank Discharge and New Water Line Flushing Report ([attachment](#))
- J. Monthly Rainfall Reports ([attachment](#))
- K. S.F.P.U.C. Hydrological Report for the month of March ([attachment](#))

#### 5) MEETINGS ATTENDED / DIRECTOR COMMENTS

#### 6) GENERAL BUSINESS

- A. Award of Contract for Ferdinand Avenue Water Main Replacement Project ([attachment](#))
- B. Award of Contract for Casa Del Mar and Grand Boulevard PRV Project ([attachment](#))
- C. Review of Notice of Increase in Water Rates Effective July 1, 2019, and Review of the FY 2019-2020 Operations Budget and FY 2018/19 to FY 2027/28 Capital Improvement Program (both approved on June 28, 2018) ([attachment](#))
- D. Possible Cancellation of October 8, 2019 Regular Meeting of the Board of Directors and Rescheduling a Special Board of Directors Meeting for Tuesday, October 15, 2019 ([attachment](#))
- E. Professional Services Agreement with Balance Hydrologics, Inc. for Evaluation of Alternative Means of Diversion on Denniston Creek ([attachment](#))

7) **MONTHLY INFORMATIONAL REPORTS**

- A. Assistant General Manager's Report ([attachment](#))
- B. Superintendent of Operations Report ([attachment](#))
- C. Water Resources Report ([attachment](#))

8) **DIRECTOR AGENDA ITEMS - REQUESTS FOR FUTURE BOARD MEETINGS**

9) **ADJOURNMENT**

**COASTSIDE COUNTY WATER DISTRICT  
CLAIMS FOR APRIL 2019**

<b>CHECKS</b>			
<u>CHECK DATE</u>	<u>CHECK NO.</u>	<u>VENDOR</u>	<u>AMOUNT</u>
04/01/2019	26622	RECORDER'S OFFICE	\$ 50.00
04/01/2019	26623	RECORDER'S OFFICE	\$ 50.00
04/04/2019	26624	CATHLEEN BRENNAN	\$ 162.36
04/04/2019	26625	CALIFORNIA C.A.D. SOLUTIONS, INC	\$ 4,162.50
04/04/2019	26626	COMCAST	\$ 216.58
04/04/2019	26627	COSTCO WHOLESALE	\$ 120.00
04/04/2019	26628	JAMES COZZOLINO, TRUSTEE	\$ 200.00
04/04/2019	26629	SEAN DONOVAN	\$ 181.60
04/04/2019	26630	HASSETT HARDWARE	\$ 2,928.53
04/04/2019	26631	GLOBAL MED INDUSTRIES, LLC	\$ 5,171.10
04/04/2019	26632	HUE & CRY, INC.	\$ 24.00
04/04/2019	26633	MASS MUTUAL FINANCIAL GROUP	\$ 1,974.65
04/04/2019	26634	TRAVIS MENEZES	\$ 305.81
04/04/2019	26635	REPUBLIC SERVICES	\$ 523.81
04/04/2019	26636	STANDARD INSURANCE COMPANY	\$ 579.60
04/04/2019	26637	JIM STEELE	\$ 1,000.00
04/04/2019	26638	JAMES TETER	\$ 480.00
04/04/2019	26639	VALIC	\$ 4,155.00
04/04/2019	26640	US BANK NA	\$ 1,709.30
04/09/2019	26641	ANDREINI BROS. INC.	\$ 19,714.37
04/09/2019	26642	HEALTH BENEFITS ACWA-JPIA	\$ 39,654.91
04/09/2019	26643	ASSOC. CALIF. WATER AGENCY	\$ 13,400.44
04/09/2019	26644	CITY OF HALF MOON BAY	\$ 451.00
04/09/2019	26645	CORE & MAIN LP	\$ 80,910.00
04/09/2019	26646	ROBERTS & BRUNE CO.	\$ 36,366.31
04/11/2019	26647	SAN FRANCISCO WATER DEPT.	\$ 92,630.44
04/19/2019	26648	METER READINGS HOLDING, LLC	\$ 650.00
04/19/2019	26649	ADP, INC.	\$ 680.55
04/19/2019	26650	FRANK YAMELLO	\$ 235.00
04/19/2019	26651	AMERIGAS PROPANE, LP	\$ 940.72
04/19/2019	26652	ANDREINI BROS. INC.	\$ 347.62
04/19/2019	26653	AT&T	\$ 4,547.42
04/19/2019	26654	AT&T LONG DISTANCE	\$ 151.53
04/19/2019	26655	AZTEC GARDENS, INC.	\$ 218.00
04/19/2019	26656	BADGER METER, INC.	\$ 66.00
04/19/2019	26657	BALANCE HYDROLOGICS, INC	\$ 12,259.15
04/19/2019	26658	BARTKIEWICZ, KRONICK & SHANAHAN	\$ 425.00
04/19/2019	26659	BARKERBLUE	\$ 62.65
04/19/2019	26660	BAY AREA WATER SUPPLY &	\$ 7,925.00
04/19/2019	26661	JON BRUCE	\$ 227.31
04/19/2019	26662	CALCON SYSTEMS, INC.	\$ 8,653.96
04/19/2019	26663	CEL ANALYTICAL INC.	\$ 3,219.00
04/19/2019	26664	CINTAS FIRST AID & SAFETY	\$ 428.56
04/19/2019	26665	CLARK PEST CONTROL OF STOCKTON, INC.	\$ 128.00
04/19/2019	26666	COMMUNICATION LEASING SERVICES, INC	\$ 345.29
04/19/2019	26667	CORIX WATER PRODUCTS (US), INC.	\$ 22,661.00
04/19/2019	26668	RECORDER'S OFFICE	\$ 98.00
04/19/2019	26669	DATAPROSE, LLC	\$ 2,491.33
04/19/2019	26670	MICHAEL DE MEO	\$ 292.54
04/19/2019	26671	EKI INC.	\$ 19,958.80
04/19/2019	26672	TESTAMERICA LABORATORIES, INC	\$ 27.94
04/19/2019	26673	CASTANEDA & PEREZ INC	\$ 461.10
04/19/2019	26674	FEDAK & BROWN LLP	\$ 1,050.00
04/19/2019	26675	GRAINGER, INC.	\$ 2,423.49
04/19/2019	26676	HMB BLDG. & GARDEN INC.	\$ 112.94
04/19/2019	26677	HYDROSCIENCE ENGINEERS, INC.	\$ 4,882.50
04/19/2019	26678	IAPMO	\$ 200.00

04/19/2019	26679	IRON MOUNTAIN	\$	702.10
04/19/2019	26680	IRVINE CONSULTING SERVICES, INC.	\$	3,113.00
04/19/2019	26681	IRVINE CONSULTING SERVICES, INC.	\$	357.25
04/19/2019	26682	KINGS MOUNTAIN ARBOR HEALTH & SAFETY	\$	5,850.00
04/19/2019	26683	GLENNA LOMBARDI	\$	111.00
04/19/2019	26684	MASS MUTUAL FINANCIAL GROUP	\$	1,974.65
04/19/2019	26685	MISSION UNIFORM SERVICES INC.	\$	301.24
04/19/2019	26686	MONTEREY COUNTY LAB	\$	7,240.00
04/19/2019	26687	NATIONAL METER & AUTOMATION	\$	12,626.15
04/19/2019	26688	OFFICE DEPOT	\$	263.88
04/19/2019	26689	OFFICIAL PAYMENTS CORPORATION	\$	150.00
04/19/2019	26690	PACIFIC GAS & ELECTRIC CO.	\$	21,522.81
04/19/2019	26691	PACIFICA COMMUNITY TV	\$	250.00
04/19/2019	26692	PAKPOUR CONSULTING GROUP, INC.	\$	10,603.28
04/19/2019	26693	PITNEY BOWES, INC.	\$	129.39
04/19/2019	26694	FERGUSON ENTERPRISES, INC.	\$	220.52
04/19/2019	26695	RAY A MORGAN COMPANY INC.	\$	198.45
04/19/2019	26696	MULTI SERVICE TECHNOLOGY SOLUTIONS, INC.	\$	271.85
04/19/2019	26697	ROBERTS & BRUNE CO.	\$	5,526.98
04/19/2019	26698	ROGUE WEB WORKS, LLC	\$	281.25
04/19/2019	26699	SERVICE PRESS	\$	35.23
04/19/2019	26700	STATE WATER RESOURCES CONTROL BD	\$	80.00
04/19/2019	26701	STRAWFLOWER ELECTRONICS	\$	397.61
04/19/2019	26702	TEAMSTERS LOCAL UNION #856	\$	1,234.00
04/19/2019	26703	TJC AND ASSOCIATES, INC	\$	1,098.00
04/19/2019	26704	TOTAL COMPENSATION SYSTEMS, INC	\$	855.00
04/19/2019	26705	TPX COMMUNICATIONS	\$	1,884.87
04/19/2019	26706	TRI COUNTIES BANK	\$	6,148.80
04/19/2019	26707	NANCY TRUJILLO	\$	92.15
04/19/2019	26708	TYLER TECHNOLOGIES, INC	\$	5,376.10
04/19/2019	26709	UGSI CHEMICAL FEED, INC.	\$	2,243.61
04/19/2019	26710	UNITED STATES POSTAL SERV.	\$	800.00
04/19/2019	26711	UNIVAR USA INC	\$	1,826.13
04/19/2019	26712	UPS STORE	\$	343.70
04/19/2019	26713	USA BLUE BOOK	\$	202.75
04/19/2019	26714	VALIC	\$	4,355.00
04/19/2019	26715	STEPHEN HIRANO	\$	145.00
04/19/2019	26716	WEST YOST ASSOCIATES, INC	\$	694.50
04/19/2019	26717	JUAN CARLOS SALAZAR	\$	1,400.00
04/19/2019	26718	JACK WHELEN	\$	297.46
04/30/2019	26719	METER READINGS HOLDING, LLC	\$	40,304.36
04/30/2019	26720	Void Check	\$	-
04/30/2019	26721	BAY ALARM COMPANY	\$	559.67
04/30/2019	26722	BIG CREEK LUMBER	\$	23.75
04/30/2019	26723	PETTY CASH	\$	58.66
04/30/2019	26724	COASTSIDE ESTATES LLC	\$	50.85
04/30/2019	26725	DE LAGE LANDEN FINANCIAL SERVICES, INC.	\$	1,465.66
04/30/2019	26726	GRAINGER, INC.	\$	1,103.91
04/30/2019	26727	HACH CO., INC.	\$	2,708.45
04/30/2019	26728	HMB BLDG. & GARDEN INC.	\$	16.29
04/30/2019	26729	HANSONBRIDGETT. LLP	\$	8,970.00
04/30/2019	26730	LIEBERT CASSIDY WHITMORE	\$	600.40
04/30/2019	26731	MISSION UNIFORM SERVICES INC.	\$	152.27
04/30/2019	26732	MICHAEL WOLF	\$	1,964.36
04/30/2019	26733	ROBERT/BERTINA MOULES	\$	67.18
04/30/2019	26734	NETWORKFLEET, INC	\$	247.00
04/30/2019	26735	ONTRAC	\$	64.64
04/30/2019	26736	PSI-PROCESS SOLUTIONS, INC	\$	142.68
04/30/2019	26737	PUMP REPAIR SERVICE CO. INC.	\$	8,281.82
04/30/2019	26738	ROBERTS & BRUNE CO.	\$	3,859.03
04/30/2019	26739	JEROME & ADRIENNE SCHNELL	\$	2.85
04/30/2019	26740	STATE WATER RESOURCES CONTROL BD	\$	105.00

04/30/2019	26741	STOLOSKI & GONZALEZ, INC.	\$	2,762.35
04/30/2019	26742	STRAWFLOWER ELECTRONICS	\$	15.12
04/30/2019	26743	JAMES TETER	\$	828.44
04/30/2019	26744	UPS STORE	\$	218.05
04/30/2019	26745	VERIZON WIRELESS	\$	1,556.95
04/30/2019	26746	RYAN WHELEN	\$	117.85
04/30/2019	26747	ADP, INC.	\$	283.80
04/30/2019	26748	JENINE HUXTABLE	\$	39.83
04/30/2019	26749	FRANK GARCIA	\$	9.35
04/30/2019	26750	YVETTE GILLETTI	\$	27.92
04/30/2019	26751	NATALYA ALAZRAIE	\$	11.81
				<hr/>
				581,116.72

**WIRE PAYMENTS**

<u>MONTH</u>		<u>VENDOR</u>		<u>AMOUNT</u>
04/02/2019	DFT0000211	CalPERS FISCAL SERVICES DIVISION	\$	134.84
04/02/2019	DFT0000212	CalPERS FISCAL SERVICES DIVISION	\$	53.52
04/02/2019	DFT0000213	CalPERS FISCAL SERVICES DIVISION	\$	31,045.96
04/08/2019	DFT0000214	PUB. EMP. RETIRE SYSTEM	\$	14,518.39
04/16/2019	DFT0000215	PUB. EMP. RETIRE SYSTEM	\$	239.70
04/18/2019	DFT0000218	PUB. EMP. RETIRE SYSTEM	\$	14,668.58
4/30/2019		BANK & CREDIT CARD FEES	\$	5,420.56
				<hr/>
				66,081.55

**TOTAL CLAIMS FOR THE MONTH**

**\$ 647,198.27**



Coastside County Water District

# Monthly Budget Report Account Summary

For Fiscal: 2018-2019 Period Ending: 04/30/2019

	April Budget	April Activity	Variance Favorable (Unfavorable)	Percent Variance	YTD Budget	YTD Activity	Variance Favorable (Unfavorable)	Percent Variance	Total Budget	
<b>Revenue</b>										
<b>RevType: 1 - Operating</b>										
<a href="#">1-4120-00</a>	Water Revenue	934,641.00	881,810.32	-52,830.68	-5.65 %	9,745,551.00	9,658,748.63	-86,802.37	-0.89 %	11,710,500.00
	<b>Total RevType: 1 - Operating:</b>	<b>934,641.00</b>	<b>881,810.32</b>	<b>-52,830.68</b>	<b>-5.65 %</b>	<b>9,745,551.00</b>	<b>9,658,748.63</b>	<b>-86,802.37</b>	<b>-0.89 %</b>	<b>11,710,500.00</b>
<b>RevType: 2 - Non-Operating</b>										
<a href="#">1-4170-00</a>	Water Taken From Hydrants	4,167.00	2,693.05	-1,473.95	-35.37 %	41,667.00	52,727.30	11,060.30	26.54 %	50,000.00
<a href="#">1-4180-00</a>	Late Notice - 10% Penalty	5,000.00	6,411.10	1,411.10	28.22 %	50,000.00	51,488.40	1,488.40	2.98 %	60,000.00
<a href="#">1-4230-00</a>	Service Connections	833.00	1,999.07	1,166.07	139.98 %	8,333.00	11,555.10	3,222.10	38.67 %	10,000.00
<a href="#">1-4920-00</a>	Interest Earned	520.00	25,786.82	25,266.82	4,859.00 %	5,197.00	52,666.52	47,469.52	913.40 %	6,236.00
<a href="#">1-4930-00</a>	Tax Apportionments/County Checks	247,000.00	280,221.37	33,221.37	13.45 %	725,000.00	813,630.49	88,630.49	12.22 %	725,000.00
<a href="#">1-4950-00</a>	Miscellaneous Income	2,083.00	545.28	-1,537.72	-73.82 %	20,833.00	8,868.19	-11,964.81	-57.43 %	25,000.00
<a href="#">1-4955-00</a>	Cell Site Lease Income	13,750.00	17,170.06	3,420.06	24.87 %	137,500.00	140,354.18	2,854.18	2.08 %	165,000.00
<a href="#">1-4965-00</a>	ERAF Refund - County Taxes	0.00	0.00	0.00	0.00 %	325,000.00	479,200.50	154,200.50	47.45 %	325,000.00
	<b>Total RevType: 2 - Non-Operating:</b>	<b>273,353.00</b>	<b>334,826.75</b>	<b>61,473.75</b>	<b>22.49 %</b>	<b>1,313,530.00</b>	<b>1,610,490.68</b>	<b>296,960.68</b>	<b>22.61 %</b>	<b>1,366,236.00</b>
	<b>Total Revenue:</b>	<b>1,207,994.00</b>	<b>1,216,637.07</b>	<b>8,643.07</b>	<b>0.72 %</b>	<b>11,059,081.00</b>	<b>11,269,239.31</b>	<b>210,158.31</b>	<b>1.90 %</b>	<b>13,076,736.00</b>
<b>Expense</b>										
<b>ExpType: 1 - Operating</b>										
<a href="#">1-5130-00</a>	Water Purchased	125,000.00	99,417.44	25,582.56	20.47 %	1,450,000.00	1,965,268.69	-515,268.69	-35.54 %	1,900,998.00
<a href="#">1-5230-00</a>	Nunes T P Pump Expense	3,558.00	2,921.97	636.03	17.88 %	35,580.00	31,606.14	3,973.86	11.17 %	42,697.00
<a href="#">1-5231-00</a>	CSP Pump Station Pump Expense	22,165.00	2,433.92	19,731.08	89.02 %	257,110.00	222,712.59	34,397.41	13.38 %	337,080.00
<a href="#">1-5232-00</a>	Other Trans. & Dist Pump Expense	2,247.00	1,304.96	942.04	41.92 %	22,470.00	16,811.87	5,658.13	25.18 %	26,965.00
<a href="#">1-5233-00</a>	Pilarcitos Canyon Pump Expense	1,748.00	5,945.68	-4,197.68	-240.14 %	38,748.00	29,359.75	9,388.25	24.23 %	39,248.00
<a href="#">1-5234-00</a>	Denniston T P Pump Expense	10,833.00	10,924.60	-91.60	-0.85 %	108,333.00	39,456.84	68,876.16	63.58 %	130,000.00
<a href="#">1-5242-00</a>	CSP Pump Station Operations	892.00	918.37	-26.37	-2.96 %	8,917.00	14,316.72	-5,399.72	-60.56 %	10,700.00
<a href="#">1-5243-00</a>	CSP Pump Station Maintenance	3,083.00	60.90	3,022.10	98.02 %	30,833.00	10,944.93	19,888.07	64.50 %	37,000.00
<a href="#">1-5246-00</a>	Nunes T P Operations - General	6,487.00	6,217.89	269.11	4.15 %	64,874.00	67,976.93	-3,102.93	-4.78 %	77,850.00
<a href="#">1-5247-00</a>	Nunes T P Maintenance	10,208.00	6,159.64	4,048.36	39.66 %	102,083.00	53,802.79	48,280.21	47.30 %	122,500.00
<a href="#">1-5248-00</a>	Denniston T P Operations-General	3,917.00	3,709.18	207.82	5.31 %	39,167.00	36,947.81	2,219.19	5.67 %	47,000.00
<a href="#">1-5249-00</a>	Denniston T.P. Maintenance	8,488.00	11,179.44	-2,691.44	-31.71 %	84,875.00	141,227.15	-56,352.15	-66.39 %	101,850.00
<a href="#">1-5250-00</a>	Laboratory Expenses	5,954.00	8,341.47	-2,387.47	-40.10 %	59,541.00	64,102.66	-4,561.66	-7.66 %	71,450.00
<a href="#">1-5260-00</a>	Maintenance - General	24,309.00	28,748.89	-4,439.89	-18.26 %	243,084.00	251,025.68	-7,941.68	-3.27 %	291,700.00
<a href="#">1-5261-00</a>	Maintenance - Well Fields	3,333.00	6.45	3,326.55	99.81 %	33,333.00	1,067.34	32,265.66	96.80 %	40,000.00
<a href="#">1-5263-00</a>	Uniforms	0.00	0.00	0.00	0.00 %	12,500.00	8,819.28	3,680.72	29.45 %	12,500.00
<a href="#">1-5318-00</a>	Studies/Surveys/Consulting	17,000.00	16,159.09	840.91	4.95 %	126,000.00	110,089.68	15,910.32	12.63 %	160,000.00
<a href="#">1-5321-00</a>	Water Resources	2,100.00	4,399.32	-2,299.32	-109.49 %	21,000.00	19,648.82	1,351.18	6.43 %	25,200.00

Monthly Budget Report

For Fiscal: 2018-2019 Period Ending: 04/30/2019

		April	April	Variance	Percent	YTD	YTD	Variance	Percent	Total Budget
		Budget	Activity	(Unfavorable)	Variance	Budget	Activity	(Unfavorable)	Variance	
<a href="#">1-5322-00</a>	Community Outreach	5,000.00	8,923.75	-3,923.75	-78.48 %	29,700.00	23,462.55	6,237.45	21.00 %	54,700.00
<a href="#">1-5381-00</a>	Legal	8,333.00	7,085.90	1,247.10	14.97 %	83,333.00	42,861.90	40,471.10	48.57 %	100,000.00
<a href="#">1-5382-00</a>	Engineering	5,000.00	490.44	4,509.56	90.19 %	50,000.00	4,866.44	45,133.56	90.27 %	60,000.00
<a href="#">1-5383-00</a>	Financial Services	0.00	1,050.00	-1,050.00	0.00 %	16,000.00	9,480.00	6,520.00	40.75 %	20,000.00
<a href="#">1-5384-00</a>	Computer Services	14,300.00	19,526.93	-5,226.93	-36.55 %	135,000.00	150,945.05	-15,945.05	-11.81 %	163,600.00
<a href="#">1-5410-00</a>	Salaries/Wages-Administration	87,221.00	75,133.77	12,087.23	13.86 %	915,826.00	781,589.09	134,236.91	14.66 %	1,133,880.00
<a href="#">1-5411-00</a>	Salaries & Wages - Field	107,733.00	105,104.51	2,628.49	2.44 %	1,131,199.00	1,084,896.80	46,302.20	4.09 %	1,400,532.00
<a href="#">1-5420-00</a>	Payroll Tax Expense	13,672.00	13,801.61	-129.61	-0.95 %	143,555.00	134,767.97	8,787.03	6.12 %	177,734.00
<a href="#">1-5435-00</a>	Employee Medical Insurance	38,502.00	37,111.02	1,390.98	3.61 %	367,242.00	370,423.18	-3,181.18	-0.87 %	444,246.00
<a href="#">1-5436-00</a>	Retiree Medical Insurance	4,406.00	1,022.12	3,383.88	76.80 %	41,849.00	34,344.61	7,504.39	17.93 %	50,659.00
<a href="#">1-5440-00</a>	Employees Retirement Plan	49,905.00	47,960.70	1,944.30	3.90 %	499,050.00	473,125.76	25,924.24	5.19 %	598,859.00
<a href="#">1-5445-00</a>	Supplemental Retirement 401a	0.00	0.00	0.00	0.00 %	0.00	0.00	0.00	0.00 %	35,000.00
<a href="#">1-5510-00</a>	Motor Vehicle Expense	5,000.00	5,635.11	-635.11	-12.70 %	50,000.00	63,309.03	-13,309.03	-26.62 %	60,000.00
<a href="#">1-5620-00</a>	Office & Billing Expenses	21,800.00	17,997.44	3,802.56	17.44 %	218,000.00	204,072.48	13,927.52	6.39 %	261,600.00
<a href="#">1-5625-00</a>	Meetings / Training / Seminars	2,166.00	3,504.01	-1,338.01	-61.77 %	21,666.00	36,398.23	-14,732.23	-68.00 %	26,000.00
<a href="#">1-5630-00</a>	Insurance	10,750.00	10,328.44	421.56	3.92 %	107,500.00	84,622.44	22,877.56	21.28 %	129,000.00
<a href="#">1-5687-00</a>	Membership, Dues, Subscript.	9,000.00	8,420.00	580.00	6.44 %	69,970.00	67,729.86	2,240.14	3.20 %	75,970.00
<a href="#">1-5688-00</a>	Election Expenses	0.00	0.00	0.00	0.00 %	25,000.00	0.00	25,000.00	100.00 %	25,000.00
<a href="#">1-5689-00</a>	Labor Relations	500.00	0.00	500.00	100.00 %	5,000.00	0.00	5,000.00	100.00 %	6,000.00
<a href="#">1-5700-00</a>	San Mateo County Fees	7,000.00	0.00	7,000.00	100.00 %	20,000.00	14,309.38	5,690.62	28.45 %	20,000.00
<a href="#">1-5705-00</a>	State Fees	1,500.00	0.00	1,500.00	100.00 %	34,000.00	28,316.59	5,683.41	16.72 %	36,500.00
	<b>Total ExpType: 1 - Operating:</b>	<b>643,110.00</b>	<b>571,944.96</b>	<b>71,165.04</b>	<b>11.07 %</b>	<b>6,702,338.00</b>	<b>6,694,707.03</b>	<b>7,630.97</b>	<b>0.11 %</b>	<b>8,354,018.00</b>
	<b>ExpType: 4 - Capital Related</b>									
<a href="#">1-5712-00</a>	Debt Service/Existing Bonds 2006B	0.00	0.00	0.00	0.00 %	486,383.00	-1,812.44	488,195.44	100.37 %	486,383.00
<a href="#">1-5715-00</a>	Debt Service/CIEDB 11-099	0.00	0.00	0.00	0.00 %	336,126.00	336,125.36	0.64	0.00 %	336,126.00
<a href="#">1-5716-00</a>	Debt Service/CIEDB 2016	0.00	0.00	0.00	0.00 %	324,235.00	324,234.72	0.28	0.00 %	324,235.00
<a href="#">1-5717-00</a>	Chase Bank - 2018 Loan	0.00	0.00	0.00	0.00 %	0.00	390,286.27	-390,286.27	0.00 %	0.00
	<b>Total ExpType: 4 - Capital Related:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00 %</b>	<b>1,146,744.00</b>	<b>1,048,833.91</b>	<b>97,910.09</b>	<b>8.54 %</b>	<b>1,146,744.00</b>
	<b>Total Expense:</b>	<b>643,110.00</b>	<b>571,944.96</b>	<b>71,165.04</b>	<b>11.07 %</b>	<b>7,849,082.00</b>	<b>7,743,540.94</b>	<b>105,541.06</b>	<b>1.34 %</b>	<b>9,500,762.00</b>
	<b>Report Total:</b>	<b>564,884.00</b>	<b>644,692.11</b>	<b>79,808.11</b>		<b>3,209,999.00</b>	<b>3,525,698.37</b>	<b>315,699.37</b>		<b>3,575,974.00</b>

**COASTSIDE COUNTY WATER DISTRICT  
MONTHLY INVESTMENT REPORT  
April 30, 2019**

<b><u>RESERVE BALANCES</u></b>	<b>Current Year as of 4/30/19</b>	<b>Prior Year as of 4/30/18</b>
CAPITAL AND OPERATING RESERVE	\$8,377,041.59	\$6,097,179.87
RATE STABILIZATION RESERVE	\$250,000.00	\$250,000.00
<b>TOTAL DISTRICT RESERVES</b>	<b>\$8,627,041.59</b>	<b>\$6,347,179.87</b>

**ACCOUNT DETAIL**

ACCOUNTS WITH TRI COUNTIES BANK		
CHECKING ACCOUNT	\$3,280,412.72	\$5,271,607.77
CSP T & S ACCOUNT	\$224,679.12	\$32,975.92
MONEY MARKET GEN. FUND (Opened 7/20/17)	\$19,437.76	\$2,500.00
LOCAL AGENCY INVESTMENT FUND (LAIF) BALANCE	\$5,101,811.99	\$1,039,396.18
DISTRICT CASH ON HAND	\$700.00	\$700.00
<b>TOTAL ACCOUNT BALANCES</b>	<b>\$8,627,041.59</b>	<b>\$6,347,179.87</b>

*This report is in conformity with CCWD's Investment Policy.*

COASTSIDE COUNTY WATER DISTRICT  
 APPROVED CAPITAL IMPROVEMENT PROJECTS  
 FISCAL YEAR 2018/2019

4/30/2019

Approved CIP Budget FY 18/19	Actual To Date FY 18/19	Projected Year-End FY 18/19	Variance vs. Budget	% Completed	Project Status/ Comments
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**Equipment Purchases & Replacement**

06-03	SCADA/Telemetry/Electrical Controls Replacement	\$ 50,000	\$ 6,151	\$ 20,000	\$ 30,000	12%	
99-02	Vehicle Replacement	\$ 100,000	\$ 76,936	\$ 76,936	\$ 23,064	100%	

**Facilities & Maintenance**

08-08	PRV Valves Replacement Project	\$ 30,000	\$ 35,571	\$ 35,571	\$ (5,571)	119%	
09-09	Fire Hydrant Replacement	\$ 140,000	\$ 163,304	\$ 163,304	\$ (23,304)	117%	
16-07	Sample Station Replacement Project	\$ 30,000	\$ 28,013	\$ 28,013	\$ 1,987	93%	
17-15	Pilarcitos Canyon Emergency Road Repairs	\$ 100,000			\$ 100,000	0%	Delayed
18-13	Denniston WTP and Tank Road Repairs and Paving	\$ 100,000	\$ 13,700	\$ 40,000	\$ 60,000	14%	Work will be done in the summer 2019 - move \$60K to FY2019/20
99-01	Meter Change Program	\$ 20,000	\$ 65,532	\$ 65,532	\$ (45,532)	328%	

**Pipeline Projects**

06-02	Highway 1 South Pipeline Replacement Project	\$ 750,000	\$ 353,035	\$ 353,035	\$ 396,965	100%	
07-04	Bell Moon Pipeline Replacement Project	\$ 60,000	\$ 20,378	\$ 340,000	\$ (280,000)	34%	moved up from FY2019/20
13-02	Replace 8 Inch Pipeline Under Creek at Pilarcitos Ave	\$ 50,000		\$ 25,000	\$ 25,000	0%	reflects design work in FY 2018/19
14-01	Replace 12" Welded Steel Line on Hwy 92 with 8"	\$ 100,000		\$ 25,000	\$ 75,000	0%	reflects design work in FY 2018/19
14-27	Grandview 2 Inch Replacement	\$ 50,000	\$ 2,635	\$ 2,635	\$ 47,365	5%	delayed to FY2019/20
14-30	Replace Miscellaneous 2 Inch GS El Granada	\$ 60,000	\$ 60,673	\$ 60,673	\$ (673)	100%	
14-31	Ferdinand Avenue - Replace 4" WS Ferdinand Ave. to Columbus	\$ 60,000	\$ 42,628	\$ 60,000	\$ -	71%	Design work is completed; project award planned for the May 2019 board meeting (\$503K)

**Pump Stations / Tanks / Wells**

06-04	Hazen's Tank Removal	\$ 30,000		\$ 22,000	\$ 8,000	0%	
08-14	Alves Tank Recoating & Refurshment	\$ 600,000	\$ 57,896	\$ 70,000	\$ 530,000	10%	In design.
19-01	EG Tank #1 Refurbishment	\$ 100,000	\$ 5,671	\$ 15,000	\$ 85,000	6%	delayed
19-03	Miramar Tank - Chime	\$ 40,000			\$ 40,000	0%	delayed-waiting for results of seismic assessment
18-05	Denniston Tank THM Residual Control	\$ 80,000		\$ 20,000	\$ 60,000	0%	parts - Calcon work to be done Summer 2019 (FY2019/20)
18-06	CSP -- (3) Butterfly Valves	\$ 80,000	\$ 11,399	\$ 11,399	\$ 68,601	14%	
19-04	Tanks - THM Control	\$ 120,000	\$ 105,913	\$ 105,913	\$ 14,087	100%	

**Water Supply Development**

12-12	San Vicente Diversion and Pipeline	\$ 100,000	\$ -	\$ -	\$ 100,000	0%	delayed
17-12	Recycled Water Project Development	\$ 100,000	\$ -	\$ -	\$ 100,000	0%	

**Water Treatment Plants**

08-07	Nunes Filter Valve Replacement	\$ 500,000		\$ -	\$ 500,000	0%	delayed
13-05	Denniston WTP Emergency Power	\$ 50,000		\$ 50,000	\$ -	0%	in design

<b>FY 18/19 TOTALS</b>	<b>\$ 3,500,000</b>	<b>\$ 1,049,434</b>	<b>\$ 1,590,011</b>	<b>\$ 1,909,989</b>			
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COASTSIDE COUNTY WATER DISTRICT  
 APPROVED CAPITAL IMPROVEMENT PROJECTS  
 FISCAL YEAR 2018/2019

4/30/2019

Approved CIP Budget FY 18/19	Actual To Date FY 18/19	Projected Year-End FY 18/19	Variance vs. Budget	% Completed	Project Status/ Comments
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**FY2017/2018 CIP Projects in process - paid in FY 2018/2019**

18-09	Denniston Heater	\$ 4,800	\$ 4,800	\$ (4,800)	100%	completed
13-08	Crystal Springs Spare 350 HP Motor	\$ 70,556	\$ 70,556	\$ (70,556)	100%	
18-03	CSP Spare 500 Pump Rehabilitation	\$ 41,450	\$ 41,450	\$ (41,450)	100%	
07-03	Pilarcitos Canyon Pipeline Replacement	\$ 21,578	\$ 21,578	\$ (21,578)		ongoing - work is planned for Fall, 2019
12-12	Denniston/San Vicente Water Supply Development	\$ 104,293	\$ 120,000	\$ (120,000)		ongoing
14-26	Replace 2" Pipe in Downtown Half Moon Bay	\$ 236,676	\$ 236,676	\$ (236,676)	100%	
17-16	CSP P3 Soft Start Pump/Shafting Replacement & Motor refurbishment	\$ 3,370	\$ 3,370	\$ (3,370)	100%	
10-02 & 12-04	Denniston Booster Pump Station - Transformer Installation	\$ 43,722	\$ 43,722	\$ (43,722)	100%	
18-07	EG #2 Tank Chlorination System (Residual Control System)		\$ 5,000	\$ (5,000)	0%	
17-04	Denniston Dam Spillway Repairs	\$ 34,328	\$ 34,328	\$ (34,328)	100%	
18-10	Nunes/Denniston Treat Plants Optimization Study	\$ 17,610	\$ 20,000	\$ (20,000)		
06-03	El Granada Tank #3 Recoating Project	\$ 10,410	\$ 10,410	\$ (10,410)	100%	Cathodic protection
06-01	Ave Cabrillo Pipeline Replacement	\$ 16,673	\$ 16,673	\$ (16,673)	100%	
				\$ -		

**PREVIOUS YEAR TOTALS \$ - \$ 605,467 \$ 628,563 \$ (628,563)**

**UNSCHEDULED ITEMS (CAPITAL EXPENDITURES) FOR CURRENT FISCAL YEAR 2018/2019**

NN-00	Unscheduled CIP	\$ 100,000		\$ 100,000	0%	
08-16;11-05;11-06	Seismic assessments-HMB Tanks 2-3. Cahill, Miramar		\$ 1,098	\$ 90,000	\$ (90,000)	approved March 2019 board meeting
14-32/19-02	Casa del Mar PRVs/Grand Blvd Pipeline/PRVS		\$ 31,790	\$ 100,000	\$ (100,000)	Design work is completed; project award planned for the May 2019 board meeting (\$563K)
19-06	Crystal Springs Pump Control Valves		\$ 81,470	\$ 81,470	\$ (81,470)	approved Feb 2019 Board meeting

**NON-BUDGETED TOTALS \$ 100,000 \$ 114,358 \$ 271,470 \$ (171,470)**

**CIP TOTALS \$ 3,600,000 \$ 1,769,259 \$ 2,490,044 \$ 1,109,956**

**Legal Cost Tracking Report  
12 Months At-A-Glance**

**Acct. No.5681  
Patrick Miyaki - HansonBridgett, LLP  
Legal**

<b>Month</b>	<b>Admin (General Legal Fees)</b>	<b>Water Supply Develpmnt</b>	<b>Recycled Water</b>	<b>Transfer Program</b>	<b>CIP</b>	<b>Personnel</b>	<b>Water Shortage</b>	<b>Litigation</b>	<b>Infrastructure Project Review  (Reimbursable)</b>	<b>TOTAL</b>
<b>May-18</b>	6,754					1,404				8,158
<b>Jun-18</b>	4,225			406	1,333	358				6,321
<b>Jul-18</b>	7,430			1,680	488	65				9,662
<b>Aug-18</b>	3,230			647		1,608			216	5,701
<b>Sep-18</b>	3,246			757	963					4,965
<b>Oct-18</b>	2,211				437					2,648
<b>Nov-18</b>	1,473									1,473
<b>Dec-18</b>	2,714									2,714
<b>Jan-19</b>	3,088			168	469					3,725
<b>Feb-19</b>	3,101				536					3,637
<b>Mar-19</b>	6,508			1,218						7,726
<b>Apr-19</b>	7,061				1,910					8,970
<b>TOTAL</b>	<b>51,038</b>	<b>0</b>	<b>0</b>	<b>4,876</b>	<b>6,134</b>	<b>3,435</b>	<b>0</b>	<b>0</b>	<b>216</b>	<b>65,698</b>

**Engineer Cost Tracking Report  
12 Months At-A-Glance**

**Acct. No. 5682  
JAMES TETER  
Engineer**

<b>Month</b>	<b>Admin &amp; Retainer</b>	<b>CIP</b>	<b>Studies &amp; Projects</b>	<b>TOTAL</b>	<b>Reimbursable from Projects</b>
<b>Apr-18</b>	480	2,197	338	<b>3,015</b>	338
<b>May-18</b>	1,115	1,188		<b>2,303</b>	
<b>Jun-18</b>	480	1,099	169	<b>1,748</b>	169
<b>Jul-18</b>	480	4,989	2,958	<b>8,427</b>	2,958
<b>Aug-18</b>	480	2,380	2,138	<b>4,998</b>	2,138
<b>Sep-18</b>	480	5,197		<b>5,677</b>	
<b>Oct-18</b>	480		3,142	<b>3,622</b>	3,143
<b>Nov-18</b>	480	3,518	254	<b>4,252</b>	254
<b>Dec-18</b>	480	3,972	2,820	<b>7,271</b>	2,820
<b>Jan-19</b>	480	5,126		<b>5,606</b>	
<b>Feb-19</b>	480	2,475		<b>2,955</b>	
<b>Mar-19</b>	480			<b>480</b>	
<b>Apr-19</b>	490		338	<b>828</b>	338
<b>TOTAL</b>	<b>6,886</b>	<b>32,139</b>	<b>12,156</b>	<b>51,181</b>	<b>12,156</b>

## Calcon T&M Projects Tracking

4/30/2019

Project No.	Name	Status	Proposal Date	Approved Date	Project Budget	Project Actual thru 6/30/18	Project Billings FY2018-19
<b>Closed Projects:</b>							
CAL-13-01	EG Tank 2 Recoating Project	Closed	9/30/13	10/8/13	\$8,220.00	\$ 8,837.50	
CAL-13-02	Nunes Control System Upgrades	Closed	9/30/13	10/8/13	\$46,141.00	\$ 55,363.60	
CAL-13-03	Win 911 and PLC Software	Closed	9/30/13	10/8/13	\$9,717.00	\$ 12,231.74	
CAL-13-04	Crystal Springs Surge Tank Retrofit	Closed	11/26/13	11/27/13	\$31,912.21	\$ 66,572.54	
CAL-13-06	Nunes Legacy Backwash System Removal	Closed	11/25/13	11/26/13	\$6,516.75	\$ 6,455.00	
CAL-13-07	Denniston Backwash FTW Valves	Closed	11/26/13	11/27/13	\$6,914.21	\$ 9,518.28	
CAL-14-01	Denniston Wash Water Return Retrofit	Closed	1/28/14	2/14/14	\$13,607.00	\$ 13,591.60	
CAL-14-02	Denniston Clarifier SCADA Data	Closed	4/2/14	4/7/14	\$4,125.00	\$ 4,077.50	
CAL-14-03	Nunes Surface Scatter Turbidimeter	Closed	4/2/14	4/7/14	\$2,009.50	\$ -	
CAL-14-04	Phase I Control System Upgrade	Closed	4/2/14	4/7/14	\$75,905.56	\$ 44,459.14	
CAL-14-06	Miramar Control Panel	Closed	8/28/14	8/28/14	\$37,953.00	\$ 27,980.71	
CAL-14-08	SFWater Flow & Data Logger/Cahill Tank	Closed	8/20/2014	8/20/2014	\$1,370.00	\$ 1,372.00	
CAL-15-01	Main Street Monitors	Closed				\$ 6,779.42	
CAL-15-02	Denniston To Do List	Closed				\$ 2,930.00	
CAL-15-03	Nunes & Denniston Turbidity Meters	Closed			\$6,612.50	\$ 12,536.12	
CAL-15-04	Phase II Control System Upgrade	Closed	6/23/2015	8/11/2015	\$195,000.00	\$ 202,227.50	
CAL-15-05	Permanganate Water Flow	Closed				\$ 1,567.15	
CAL-16-04	Radio Network	Closed	12/9/2016	1/10/2017	\$126,246.11	\$ 139,200.68	
CAL-16-05	EI Granada Tank No. 3 Recoating	Closed	12/16/2016		\$6,904.50	\$ 6,845.00	
CAL-17-03	Nunes Valve Control	Closed	6/29/2017	7/11/2017	\$73,281.80	\$ 79,034.35	
CAL-17-04	Denniston Booster Pump Station	Closed	7/27/2017	8/8/2017	\$21,643.75	\$ 29,760.00	
CAL-17-05	Crystal Springs Pump Station #3 Soft Start	Closed	7/27/2017	8/8/2017	\$12,213.53	\$ 12,178.13	
CAL-18-04	Tank Levels Calibration Special	Closed	3/5/2018	3/5/2018	\$8,388.75	\$ 10,700.00	
CAL-18-05	Pilarcitos Stream Flow Gauge -Well 1 120 Service Power	Closed	3/22/2018	3/22/2018	\$3,558.13	\$ 3,997.40	
CAL-17-06	Nunes Flocculator & Rapid Mix VFD Panels	Closed	12/6/2017	12/12/2017	\$29,250.75	\$ 30,695.66	
<b>Closed Projects - Subtotal (pre FY2018-19)</b>					<b>\$727,491.05</b>	<b>\$ 788,911.02</b>	
<b>Open Projects:</b>							
CAL-17-01	Crystal Springs Leak Valve Control		2/8/2017	2/14/2017	\$8,701.29	\$ 18,055.88	
CAL-17-02	Crystal Springs Requirements & Addtl Controls		2/8/2017	2/14/2017	\$38,839.50	\$ 41,172.06	
CAL-18-02	Nunes Plant HMI V2		11/12/2018		\$10,913.14	\$ 5,851.66	
CAL-18-03	CSP Breakers & Handles		3/7/2018	3/7/2018	\$25,471.47	\$ 29,167.79	
CAL-18-06	Nunes VFD Project		9/6/2018	9/6/2018	\$2,381.51	\$ 895.50	
CAL-19-01	CSP Cla-Val Power Checks					\$ 560.00	
<b>Open Projects - Subtotal</b>					<b>\$86,306.91</b>	<b>\$88,395.73</b>	<b>\$7,307.16</b>
<b>Other: Maintenance</b>							
	<b>Tanks</b>					\$ 3,609.87	
	<b>Crystal Springs Maintenance</b>					\$ 1,468.17	
	<b>Nunes Maintenance</b>					\$ 10,586.24	
	<b>Denniston Maintenance</b>					\$ 17,572.99	
	<b>Distribution System</b>					\$ 33,772.94	
<b>TOTAL FY 2018/19</b>						<b>\$ 74,317.37</b>	

**COASTSIDE COUNTY WATER DISTRICT**

**766 MAIN STREET**

**HALF MOON BAY, CA 94019**

**MINUTES OF THE REGULAR MEETING OF THE BOARD OF DIRECTORS**

**April 9, 2019**

- 1) **ROLL CALL** - President Ken Coverdell called the meeting to order at 7:00 p.m. Present at roll call: Directors Glenn Reynolds, Bob Feldman, Jim Larimer and Vice-President Chris Mickelsen.

Also present: David Dickson, General Manager; Mary Rogren, Assistant General Manager; Catherine Groves, Legal Counsel; Cathleen Brennan, Water Resources Analyst. James Derbin, Superintendent of Operations, and Gina Brazil, Office Manager.

- 2) **PLEDGE OF ALLEGIANCE**

- 3) **PUBLIC COMMENT** - There were no public comments.

- 4) **SPECIAL ORDER OF BUSINESS**

Administration of Oath of Office to Newly Appointed Director Jim Larimer

Ms. Groves administered the Oath of Office to newly appointed Director Jim Larimer. Each of the Directors welcomed Director Larimer and he thanked the Board for the appointment.

- 5) **CONSENT CALENDAR**

- A. Approval of disbursements for the month ending March 31, 2019:  
Claims: \$546,168.50; Payroll: \$105,999.55 for a total of \$652,168.05
- B. Acceptance of Financial Reports
- C. Approval of Minutes of March 12, 2019 Regular Board of Directors Meeting
- D. Approval of Minutes of March 12, 2019 Special Board of Directors Meeting
- E. Installed Water Connection Capacity and Water Meters Report
- F. Total CCWD Production Report
- G. CCWD Monthly Sales by Category Report – March 2019
- H. Monthly Planned Plant or Tank Discharge and New Water Line Flushing Report
- I. Monthly Rainfall Reports
- J. S.F.P.U.C. Hydrological Report for the month of February 2019
- K. Acceptance of Subdivision Utility System – Ailanto Properties Pacific Ridge Subdivision, Pacific-Ridge-Phase II, Half Moon Bay

Director Mickelsen reported that he had reviewed the monthly financial claims and found all to be in order.

**ON MOTION BY Director Reynolds and seconded by Vice-President Mickelsen, the Board voted by roll call vote to approve the Consent Calendar in its entirety:**

Director Larimer	Aye
Vice-President Mickelsen	Aye
Director Feldman	Aye
Director Reynolds	Aye
President Coverdell	Aye

**6) MEETINGS ATTENDED / DIRECTOR COMMENTS**

Director Reynolds reported on his recent attendance at a CA-NV AWWA (American Water Works Association) meeting and provided an update on discussions related to the newly proposed water tax. Mr. Dickson suggested agendaizing discussion of this topic at the May 14, 2019 CCWD Board meeting

Director Mickelsen provided a brief update on a recent Bay Area Water Supply and Conservation (BAWSCA) meeting.

**7) GENERAL BUSINESS**

**A. Quarterly Financial Review**

Ms. Rogren summarized the year to date revenue and expenses for the first nine months of Fiscal Year 2018-2019. She also reviewed the Capital Improvement Program status and reviewed the District's cash reserve funds.

**B. Coastside County Water District Board Committees**

President Coverdell reviewed the recent vacant positions on the District's Standing and Advisory Committees and proposed his suggestions for filling those open positions, including assigning Director Larimer to serve on the District's Facilities Committee and on the Montara Water and Sanitary District Mutual Interest Committee, as well as the District's Recycled Water Committee.

**ON MOTION BY Director Reynolds and seconded by Vice-President Mickelsen, the Board voted by roll call vote to accept the proposed revisions to the District Board Committees, as presented, including a change substituting Director Feldman to Director Larimer, along with Director Mickelsen, to serve on the Montara Water & Sanitary Mutual Interest Committee:**

Director Larimer	Aye
Vice-President Mickelsen	Aye
Director Feldman	Aye
Director Reynolds	Aye
President Coverdell	Aye

8) **MONTHLY INFORMATIONAL REPORT**

A. **Assistant General Manager**

Ms. Rogren reported that she and Ms. Brennan participated on a panel at the BAWSCA/SCVWD AMI Workshop on March 27, 2019 and proceeded to provide the highlights of their presentation on AMI and WaterSmart Customer Engagement.

B. **Superintendent of Operations**

Mr. Derbin reviewed operations highlights for the month of March.

Mr. Dickson added that the District's longest tenured employee of twenty-eight years, John Davis, has set his retirement date of July 12, 2019 and announced that recruitment is underway for the replacement for this position.

C. **Water Resources Report**

Ms. Brennan shared the results of the April Snow Survey results for California.

9) **DIRECTOR AGENDA ITEMS - REQUESTS FOR FUTURE BOARD MEETINGS**

There were no agenda item requests from the Directors for future Board meetings expressed.

There was a brief break provided at 8:07 to clear the Board room to prepare for discussion of the Closed Session agenda item. The Board convened into closed session at 8:16 p.m.

10) **CLOSED SESSION**

- A. **Public Employee Performance Evaluation  
Pursuant to California Government Section 54957  
Title: General Manager**

**11) RECONVENE TO OPEN SESSION**

The Board reconvened into open session at 8:42 pm, and President Coverdell reported that no action had been taken.

**12) ADJOURNMENT - The meeting was adjourned at 8:43 p.m.**

Respectfully submitted,

---

David R. Dickson, General Manager  
Secretary to the District

---

Ken Coverdell, President  
Board of Directors

**COASTSIDE COUNTY WATER DISTRICT**

**766 MAIN STREET**

**HALF MOON BAY, CA 94019**

**MINUTES OF THE SPECIAL MEETING OF THE BOARD OF DIRECTORS**

**April 29, 2019**

- 1) **ROLL CALL** - Vice-President Chris Mickelsen called the meeting to order at 9:03 a.m. Present at roll call: Directors Jim Larimer, Bob Feldman, and Glenn Reynolds. President Ken Coverdell arrived at 9:05 a.m. and took over the gavel.

Also present: David Dickson, General Manager; Mary Rogren, Assistant General Manager; Patrick Miyaki, Legal Counsel; JoAnne Whelen, Administrative Assistant/Recording Secretary; and Cathleen Brennan, Water Resources Analyst.

- 2) **PLEDGE OF ALLEGIANCE**

- 3) **PUBLIC COMMENT** - There were no public comments.

- 4) **OPEN SESSION**

**A. Retirement of General Manager**

Mr. Dickson opened discussion of this item by stating that this matter is on the agenda in order to provide public acknowledgement of his impending retirement, effective October 25, 2019.

President Coverdell took the opportunity to briefly thank Mr. Dickson for his incredible service to the District, expressing his appreciation of Mr. Dickson's energy, effort, changes, modifications, staff improvement, internal and external relations, and the overall quietness of the District's presence on the coastsides, which he stated is a tribute to Mr. Dickson.

Director Reynolds stated that he agreed with President Coverdell, adding that he feels that the District is run very smoothly and felt that Mr. Dickson should be very proud of his accomplishments at the District.

Director Feldman read from the recent email he had sent to Mr. Dickson earlier, noting that he felt the hiring of Mr. Dickson by the Board was the best decision the Board could have made, and that the results are there for all to see.

Vice-President Mickelsen stated that he echoes the comments made by the other Board members about Mr. Dickson's contributions to the District and was looking forward to the District's continued success over the next six months leading up to Mr. Dickson's retirement.

Director Larimer stated that his experience was unique in that he was on the Board when Mr. Dickson was first hired by the District, then was off the Board for a number of years and now is back on the Board and can clearly see the comparison from when Mr. Dickson first started and the current overall operation of the District, which he commented, is amazing in every aspect. He referenced noticeable improvements in the operation of the District with the quality of professional staff, an effective budget and the development of an efficient capital improvement program, and he attributed all of these successes to Mr. Dickson.

Mr. Dickson thanked the Board for their generous comments and also acknowledged the devoted efforts of the Board of Directors and staff.

The Board convened into closed session at 9:17pm, with President Coverdell announcing the purpose of the closed session.

5) **CLOSED SESSION**

A. **Public Employment Pursuant to Government Code Section 54957**  
**Title: General Manager**

6) **RECONVENE TO OPEN SESSION**

A. **Public Report of Closed Session Action**

The Board reconvened into open session at 10:07 a.m. with President Coverdell providing a public report that there was no action taken during the closed session.

B. **Next Steps in General Manager Recruitment Process. Possible Action on Retention of Recruiting Firm**

Mr. Dickson reported that in anticipation of this discussion, he had recently contacted Koff & Associates, a firm which is very active in placement of water and wastewater positions. He reminded the Board that Koff & Associates had also performed the last two of the District's recruitments for the Assistant General Manager and the Superintendent of Operations positions, and additionally had performed the District's salary survey. Mr. Dickson also advised that in response to his request, Koff and Associates has recently provided a timeline and a cost of about \$25,000 on a lump sum basis, with payments tied to the recruitment process milestones. Mr. Dickson stated that he felt Koff & Associates would do an excellent job with the General Manager recruitment.

**ON MOTION BY Director Reynolds and seconded by Vice-President Mickelsen, the Board voted by roll call vote to direct the General Manager to engage the services of Koff & Associates to perform the recruitment for the General Manager position on the terms reported by Mr. Dickson. An amendment to the motion was proposed by Director Feldman to include that Koff & Associates would provide a presentation at the May 14, 2019 CCWD Board of Directors meeting and include specifications and a timeline with a provision to conduct a closed session meeting as necessary; the amendments were accepted as proposed:**

Director Larimer	Aye
Vice-President Mickelsen	Aye
Director Feldman	Aye
Director Reynolds	Aye
President Coverdell	Aye

Additionally President Coverdell requested that staff provide the materials to the Board, including the job description utilized in the previous General Manager recruitment process.

C. **Alternative District Water Supply Sources, Such as Groundwater, Surface Water, Purchasing Water, and Recycled Water. Possible Action or Direction**

President Coverdell opened discussion of this item by stating that this item is on the agenda for the purpose of discussing the security of the District's water sources.

Director Reynolds referenced the District's March 16, 2017 Priority Setting Workshop and commented that he thought it may be helpful for staff to recirculate the Board's priority ranking of long term goals and values developed in that meeting to start discussions on further development of the District's priorities and goals.

Director Feldman commented that he would like to see the follow up meetings to the initial strategic planning session be scheduled in the near future.

President Coverdell expressed his belief of the importance and urgency in pursuing the continued visions of the District established at the strategic planning session. He also commented that he felt it would be valuable to have the District's goals and missions clearly stated, to be referenced and understood by customers and the community and regarded as the District's roadmap for the future.

7) **ADJOURNMENT** - The special meeting was adjourned at 10:21 a.m.

Respectfully submitted,

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David R. Dickson, General Manager  
Secretary to the District

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Ken Coverdell, President  
Board of Directors

**WATER SERVICE CONNECTION TRANSFER REPORT  
TRANSFERS APPROVED FOR THE MONTH OF APRIL 2019**

DONATING APN	PROPERTY OWNER(S)	RECIPIENT APN	PROPERTY OWNER(S)	# OF CONNECTIONS	DATE
047-144-060	Calafort Holdings LLC (Dennis and Hugh Doherty)	047-015-430	Shore Acres Partners LLC (Dennis & Hugh Doherty)	one - 5/8"	April 9, 2019

**COASTSIDE COUNTY WATER DISTRICT  
Installed Water Connection Capacity & Water Meters**

**FY 18/19 Meters**

Installed Water Meters	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
<b>HMB Non-Priority</b>													
0.5" capacity increase													
5/8" meter		1	2	2	6				2				13
3/4" meter		1											1
1" meter							1						1
1 1/2" meter													
2" meter													
3" meter													
<b>HMB Priority</b>													
0.5" capacity increase													
5/8" meter													
3/4" meter													
1" meter													
1 1/2" meter													
2" meter													
<b>County Non-Priority</b>													
0.5" capacity increase													
5/8" meter			2										2
3/4" meter							1						1
1" meter													
<b>County Priority</b>													
5/8" meter										1			1
3/4" meter													
1" meter													
<b>Totals</b>	0	2	4	2	6	0	2	0	2	1			19

5/8" meter = 1 connection  
 3/4" meter = 1.5 connections  
 1" meter = 2.5 connections  
 1.5" meter = 5 connections  
 2" meter = 8 connections  
 3" meter = 17.5 connections

FY 2019 Capacity (5/8" connection equivalents)	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Totals
HMB Non-Priority	0	2.5	2	2	6	0	4	0	2				18.5
HMB Priority													
County Non-Priority			2										2
County Priority										1			1
<b>Total</b>	0	2.5	4	2	6	0	4	0	2	1			21.5

**TOTAL CCWD PRODUCTION (MG) ALL SOURCES- FY 2019**

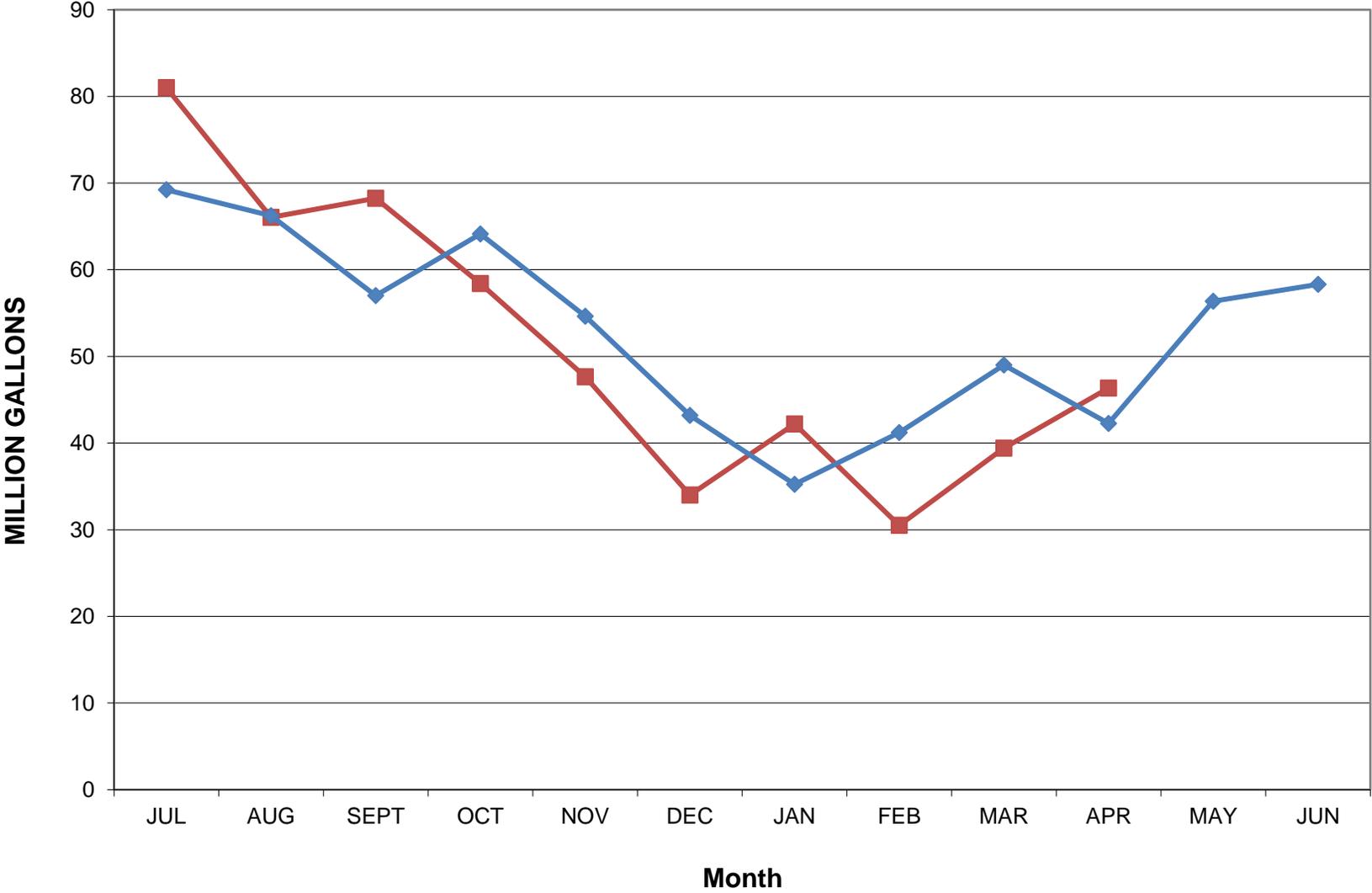
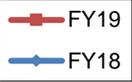
	CCWD Sources			SFPUC Sources		RAW WATER TOTAL	UNMETERED WATER	TREATED TOTAL
	DENNISTON WELLS	DENNISTON RESERVOIR	PILARCITOS WELLS	PILARCITOS LAKE	CRYSTAL SPRINGS RESERVOIR			
JUL	2.36	13.98	0.00	37.74	30.90	84.98	3.98	81.00
AUG	0.62	3.36	0.00	27.20	36.80	67.98	1.94	66.04
SEPT	0.00	0.00	0.00	30.48	39.24	69.72	1.48	68.24
OCT	0.00	0.00	0.00	22.98	37.51	60.49	2.09	58.40
NOV	0.00	0.00	5.78	0.00	44.10	49.88	2.24	47.64
DEC	1.31	11.50	14.35	7.12	2.78	37.06	3.07	33.99
JAN	1.97	16.07	15.84	5.30	5.57	44.75	2.55	42.19
FEB	0.00	7.73	16.1	8.89	0.10	32.82	2.32	30.50
MAR	0.15	6.77	22.27	12.27	0.09	41.55	2.12	39.43
APR	0.14	33.31	0.00	14.02	2.83	50.30	3.95	46.36
MAY								
JUN								
<b>TOTAL</b>	6.55	92.72	74.34	166.00	199.92	539.52	25.74	513.78
% MONTHLY TOTAL	0.3%	66.2%	0.0%	27.9%	5.6%	100.0%	7.8%	92.2%
% ANNUAL TO DATE TOTAL	1.2%	17.2%	13.8%	30.8%	37.1%	100.0%	4.8%	95.2%

CCWD vs SFPUC- month 66.5% 33.5%  
 CCWD vs SFPUC- annual 32.2% 67.8%

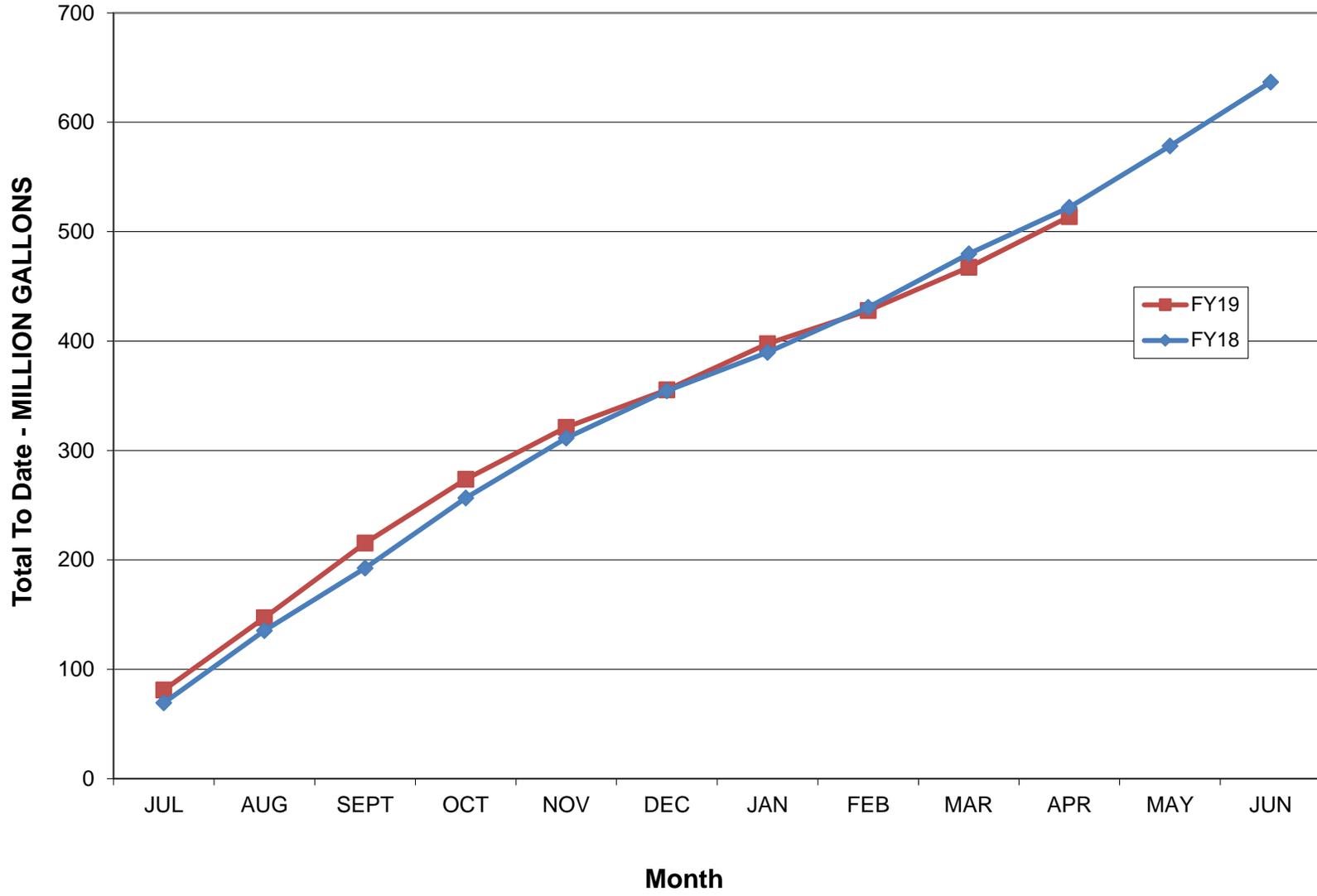
12 Month Running Treated Total **628.48**  
**TOTAL CCWD PRODUCTION (MG) ALL SOURCES- FY 2018**

	CCWD Sources			SFPUC Sources		RAW WATER TOTAL	UNMETERED WATER	TREATED TOTAL
	DENNISTON WELLS	DENNISTON RESERVOIR	PILARCITOS WELLS	PILARCITOS LAKE	CRYSTAL SPRINGS RESERVOIR			
JUL	0.87	25.93	0.00	0.00	45.87	72.67	3.45	69.22
AUG	2.32	24.89	0.00	0.00	42.86	70.07	3.85	66.22
SEPT	2.21	19.72	0.00	0.00	38.88	60.81	3.80	57.01
OCT	1.63	15.79	0.00	0.00	50.08	67.50	3.37	64.13
NOV	4.82	21.54	18.4	0.00	12.45	57.21	2.57	54.64
DEC	0.09	22.00	14.32	0.00	10.04	46.45	3.25	43.20
JAN	0.09	15.70	11.20	0.00	11.40	38.39	3.15	35.24
FEB	0.00	20.02	9.37	0.00	14.41	43.80	2.58	41.22
MAR	6.23	10.02	13.4	0.00	15.43	45.08	3.61	41.47
APR	0.00	12.06	0.00	10.80	21.93	44.79	2.53	42.26
MAY	0.93	26.33	0.00	26.75	5.00	59.01	2.64	56.37
JUN	2.71	17.64	0.00	31.50	9.70	61.55	3.23	58.32
<b>TOTAL</b>	21.90	231.64	66.69	69.05	278.05	667.33	38.03	629.30
% ANNUAL TO DATE TOTAL	3.3%	34.7%	10.0%	10.3%	41.7%	100.0%	5.70%	94.3%

Monthly Production FY 18 vs FY 19



Cumulative Production FY18 vs FY19



**Coastside County Water District Monthly Sales By Category (MG)  
FY2019**

	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	MG to Date
RESIDENTIAL	21.678	40.757	21.103	37.146	19.333	32.169	15.175	26.330	16.373	25.291			255.36
COMMERCIAL	3.609	2.866	3.937	2.778	3.756	2.546	2.888	2.360	2.955	2.521			30.22
RESTAURANT	1.749	1.600	1.657	1.277	1.531	1.224	1.340	1.230	1.433	1.397			14.44
HOTELS/MOTELS	2.642	2.910	2.723	2.121	2.557	1.824	2.022	1.970	2.246	2.382			23.40
SCHOOLS	0.759	0.765	0.982	0.869	1.008	0.323	0.193	0.270	0.271	0.251			5.69
MULTI DWELL	2.698	2.669	2.633	2.582	2.590	2.581	2.282	2.520	2.257	2.662			25.47
BEACHES/PARKS	0.777	0.522	0.577	0.378	0.355	0.091	0.207	0.190	0.217	0.322			3.64
AGRICULTURE	9.217	5.454	8.844	5.760	5.456	3.786	3.468	4.730	6.150	8.716			61.58
RECREATIONAL	0.236	0.265	0.237	0.233	0.183	0.205	0.132	0.180	0.153	0.208			2.03
MARINE	0.635	0.589	0.637	0.468	0.691	0.442	0.404	0.480	0.372	1.186			5.90
IRRIGATION	7.926	8.990	5.611	2.210	1.320	0.835	0.338	0.330	0.311	0.587			28.46
DETECTOR CHECKS	0.040	0.066	0.079	0.021	0.087	0.034	0.011	0.010	0.004	0.008			0.36
RAW WATER	8.971	6.974	8.488	8.580	6.913	1.459	0.001	0.000	0.001	0.905			42.29
PORTABLE METERS	0.109	0.611	0.393	0.436	0.129	0.058	0.061	0.060	0.065	0.083			2.01
CONSTRUCTION	0.153	0.194	0.138	0.129	0.411	0.101	0.085	0.080	0.090	0.080			1.46
<b>TOTAL - MG</b>	<b>61.20</b>	<b>75.23</b>	<b>58.04</b>	<b>64.99</b>	<b>46.32</b>	<b>47.68</b>	<b>28.61</b>	<b>40.74</b>	<b>32.90</b>	<b>46.60</b>			<b>502.30</b>

Non Residential Usage	39.52	34.48	36.94	27.84	26.99	15.51	13.43	14.41	16.53	21			
<b>Running 12 Month Total</b>													<b>509.03</b>
12 mo Residential													<b>56.76</b>
12 mo Non Residential													<b>299.57</b>

**FY2018**

	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	MG to Date
RESIDENTIAL	20.823	40.192	21.242	40.000	18.734	31.360	17.800	29.710	14.860	26.671	16.854	36.024	314.27
COMMERCIAL	3.369	3.103	3.521	2.770	3.543	2.340	3.032	2.330	2.536	2.398	2.978	2.916	34.84
RESTAURANT	1.783	1.563	1.745	1.450	1.601	1.170	1.572	1.200	1.285	1.320	1.481	1.536	17.71
HOTELS/MOTELS	2.762	2.777	2.388	2.290	2.412	1.650	2.079	2.020	1.774	2.311	2.299	2.501	27.26
SCHOOLS	0.567	0.735	0.934	0.810	0.604	0.420	0.540	0.310	0.285	0.278	0.803	0.910	7.20
MULTI DWELL	2.768	3.107	2.817	3.100	2.660	2.760	2.671	2.780	2.296	2.853	2.518	3.076	33.41
BEACHES/PARKS	0.554	0.589	0.708	0.530	0.340	0.090	0.178	0.140	0.135	0.156	0.316	0.481	4.22
AGRICULTURE	6.107	6.007	8.518	7.420	6.220	6.520	4.656	6.300	5.309	6.417	5.130	7.271	75.87
RECREATIONAL	0.266	0.354	0.215	0.320	0.197	0.290	0.215	0.290	0.169	0.267	0.192	0.245	3.02
MARINE	0.597	0.666	0.640	0.440	0.653	0.590	0.446	0.330	0.323	0.305	0.419	0.383	5.79
IRRIGATION	6.166	5.258	1.570	2.250	0.986	0.880	0.767	0.850	0.536	0.500	1.113	5.620	26.50
RAW WATER	8.783	10.435	7.389	8.250	4.969	0.010	0.013	1.700	0.011	3.064	2.520	6.858	54.00
DETECTOR CHECKS	0.019	0.044	0.022	0.030	0.002	0.030	0.016	0.050	0.021	0.037	0.034	0.064	0.37
PORTABLE METERS	0.267	0.248	0.323	0.290	0.203	0.190	0.041	0.150	0.090	0.306	0.197	0.403	2.71
CONSTRUCTION	NA	NA	NA	NA	0.108	0.270	0.188	0.150	0.142	0.202	0.144	0.218	1.42
<b>TOTAL - MG</b>	<b>54.83</b>	<b>75.08</b>	<b>52.03</b>	<b>69.95</b>	<b>43.23</b>	<b>48.57</b>	<b>34.21</b>	<b>48.31</b>	<b>29.77</b>	<b>47.09</b>	<b>37.00</b>	<b>68.51</b>	<b>608.58</b>

CCWD Monthly Leak Report - April 2019						
	Date Reported Discovered	Date Repaired	Location	Pipe Class	Pipe Size & Type	Estimated Water Loss MG
1						
2						
3						
4						
5						
6						
7						
8						
<b>Total</b>						<b>0.000</b>

OTHER DISCHARGES	
<b>Total Volumes (MG)</b>	
Flushing Program	0.030
Reservoir Cleaning	0.000
Automatic Blowoffs	0.118
Dewatering Operations	0.000
Other	0.000
PLANNED DISCHARGES	
GRAND TOTAL (MG)	
<b>0.155</b>	

Coastside County Water District  
 766 Main Street  
 July 2018 - June 2019

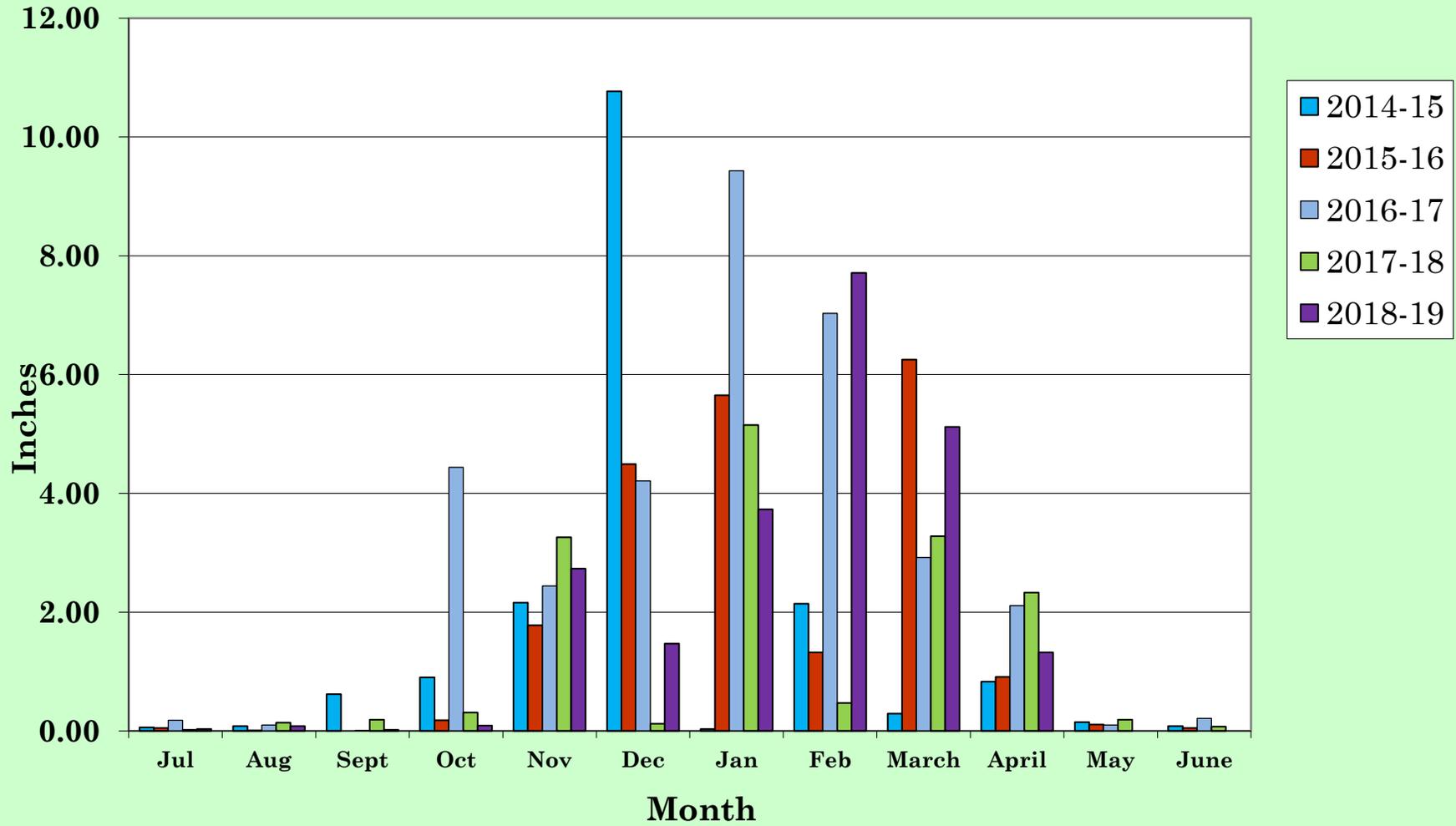
District Office  
 Rainfall in Inches

	2018						2019					
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June
1	0	0	0	0	0	0.09	0	0.02	0	0		
2	0	0.02	0	0.06	0	0	0	0.74	0.54	0.24		
3	0	0	0	0	0.01	0	0	0.62	0.31	0.31		
4	0	0	0	0.01	0	0.13	0	0.8	0.07	0.14		
5	0	0	0	0	0	0.29	0.18	0.25	0.26	0.24		
6	0	0	0.01	0	0	0.01	1.13	0	0.54	0.04		
7	0	0	0	0	0	0	0	0	0.75	0		
8	0	0	0	0	0	0	0.05	0.49	0.03	0		
9	0	0	0	0	0	0.01	0.03	0.34	0.35	0.09		
10	0	0	0	0.01	0	0	0	0.6	0.32	0		
11	0	0	0	0	0	0.01	0.12	0.01	0.08	0.00		
12	0.01	0	0	0	0	0.01	0.02	0	0	0		
13	0.02	0	0	0	0	0	0.01	0.77	0	0		
14	0	0.04	0	0	0	0.07	0.01	0.69	0	0		
15	0	0	0	0	0	0.01	0.31	0.4	0	0		
16	0	0	0	0	0	0.45	0.38	0.28	0	0.13		
17	0	0	0.01	0	0	0.03	0.46	0.33	0	0		
18	0	0	0	0	0	0.01	0.15	0	0	0		
19	0	0	0	0	0.01	0.01	0.08	0	0	0		
20	0	0	0	0	0	0	0.02	0	0.79	0.13		
21	0	0	0	0	1.07	0.06	0.3	0	0	0		
22	0	0	0	0	0.48	0	0	0	0.12	0		
23	0	0	0	0	0.26	0.01	0	0	0	0		
24	0	0	0	0	0.04	0.26	0	0	0.01	0		
25	0	0	0	0	0.01	0	0	0	0.02	0		
26	0	0	0	0	0.01	0.01	0	0.15	0.63	0		
27	0	0	0	0	0.08	0	0	0.8	0.02	0		
28	0	0.02	0	0	0.43	0	0	0.42	0.1	0		
29	0	0	0	0.01	0.33	0	0.03		0	0		
30	0	0	0	0	0	0	0.24		0	0		
31	0	0		0		0	0.21		0			
Mon.Total	0.03	0.08	0.02	0.09	2.73	1.47	3.73	7.71	5.12	1.32		
Year Total	0.03	0.11	0.13	0.22	2.95	4.42	8.15	15.86	20.98	22.30		

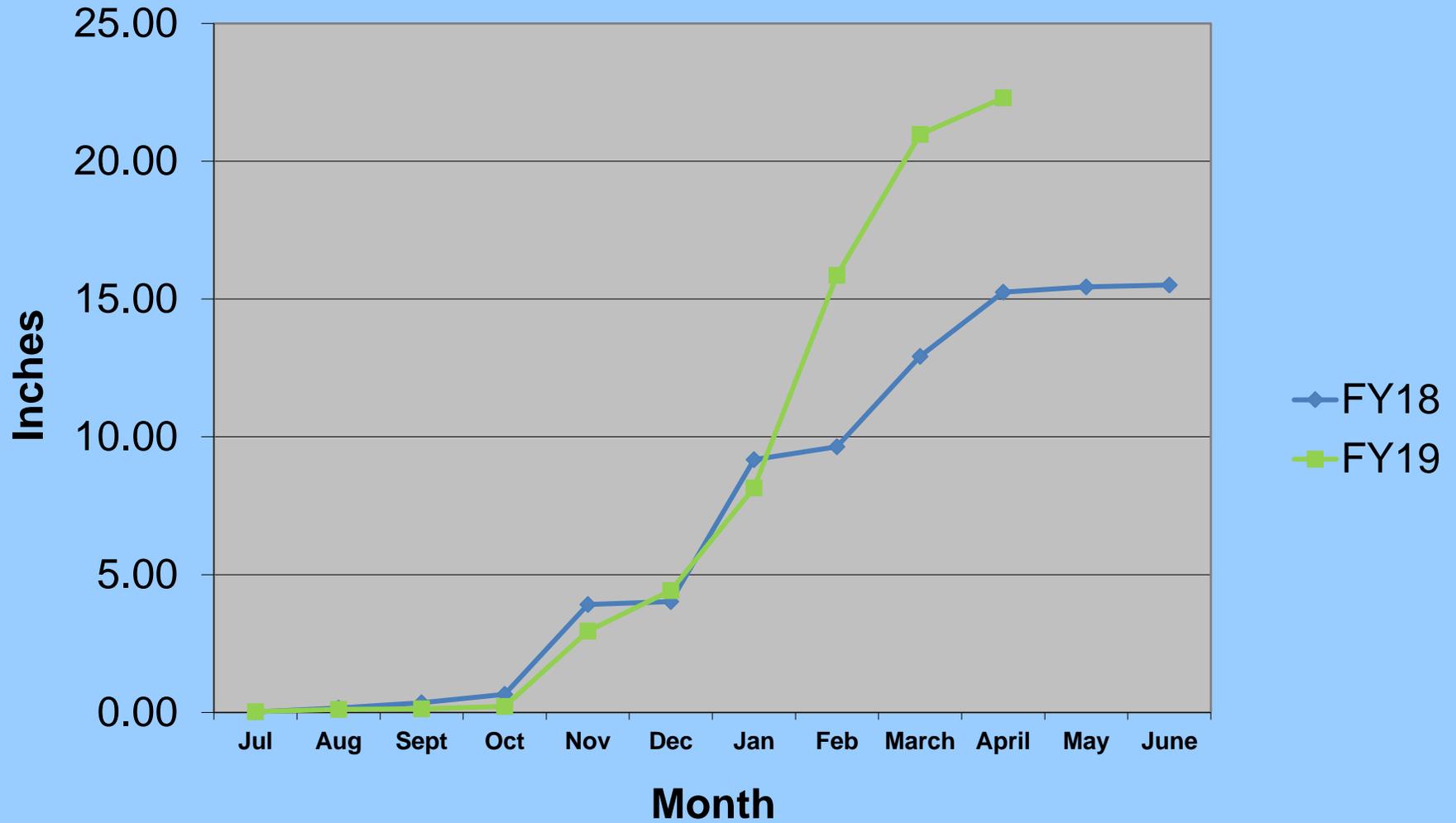
# Coastside County Water District

## Rainfall by Month

Fiscal Years 14 - 19

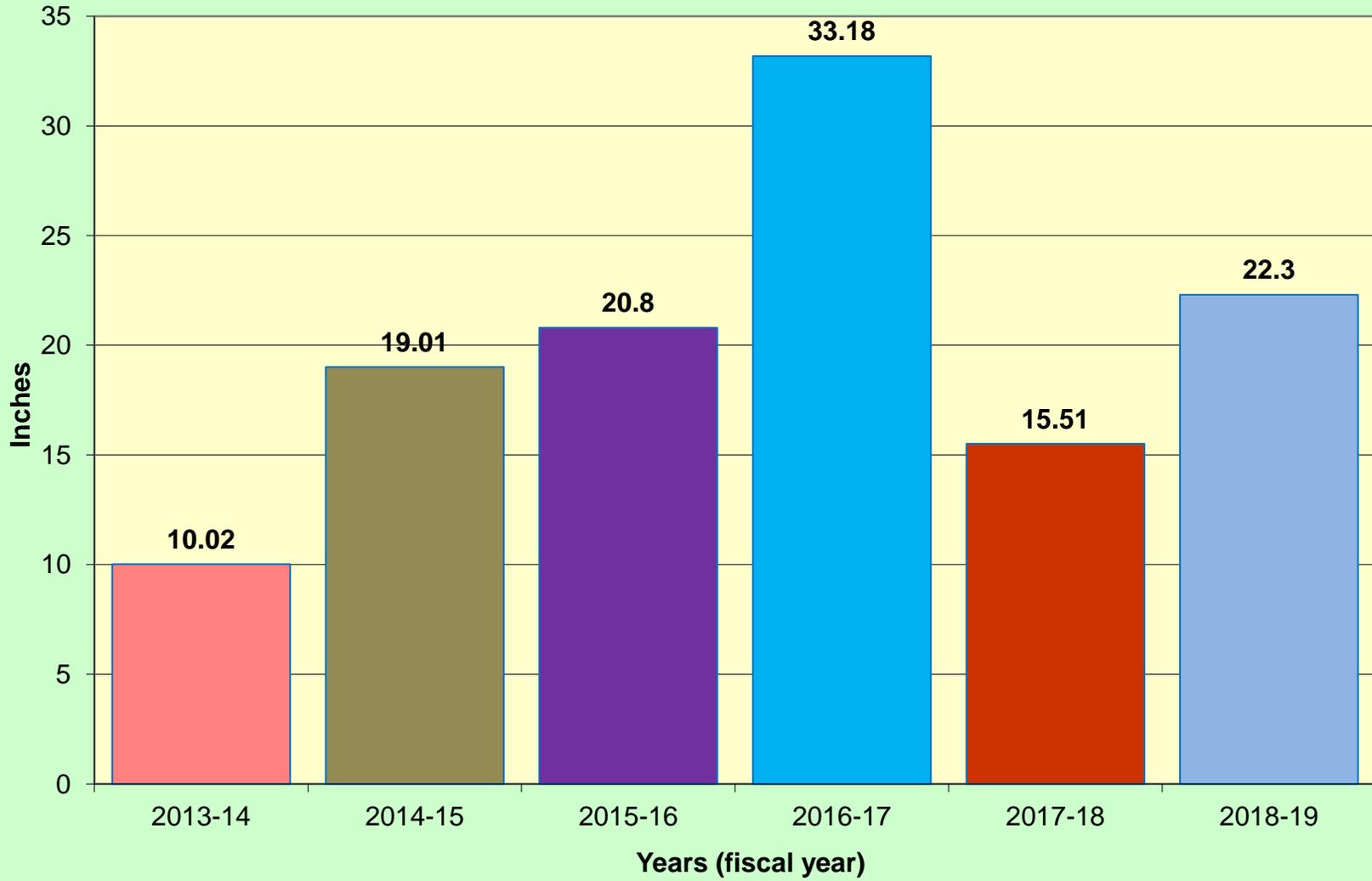


# Rainfall Total Comparison Fiscal Years 18-19



# Rain Totals

## Fiscal Years 13 - 19



# San Francisco Public Utilities Commission Hydrological Conditions Report March 2019

J.Chester, C.Graham, N.Waelty April 5, 2019



New Calavaras Reservoir Dam



Alameda Creek Diversion upgrades include fish screens on the tunnel intake and a fish ladder.

## System Storage

Current Tuolumne System and Local Bay Area storage conditions are summarized in Table 1.

<b>Table 1 Current System Storage as of April 1, 2019</b>							
Reservoir	Current Storage		Maximum Storage		Available Capacity		Percentage of Maximum Storage
	acre-feet	millions of gallons	acre-feet	millions of gallons	acre-feet	millions of gallons	
<b>Tuolumne System</b>							
Hetch Hetchy Reservoir <sup>1</sup>	272,632		340,830		68,198		80%
Cherry Reservoir <sup>2</sup>	197,916		268,810		70,894		74%
Lake Eleanor <sup>3</sup>	10,615		21,495		10,880		49%
Water Bank	570,000		570,000		0		100%
<b>Tuolumne Storage</b>	<b>1,051,163</b>		<b>1,201,135</b>		<b>149,972</b>		<b>88%</b>
<b>Local Bay Area Storage</b>							
Calaveras Reservoir <sup>4</sup>	66,693	21,732	96,824	31,550	30,131	9,818	69%
San Antonio Reservoir	42,483	13,843	50,496	16,454	8,013	2,611	84%
Crystal Springs Reservoir	54,006	17,598	58,377	19,022	4,370	1,424	93%
San Andreas Reservoir	14,287	4,656	18,996	6,190	4,709	1,534	75%
Pilarcitos Reservoir	2,788	908	2,995	976	207	67	93%
<b>Total Local Storage</b>	<b>180,258</b>	<b>58,737</b>	<b>227,688</b>	<b>74,192</b>	<b>47,430</b>	<b>15,455</b>	<b>79%</b>
<b>Total System</b>	<b>1,231,421</b>		<b>1,428,823</b>		<b>197,402</b>		<b>86%</b>

<sup>1</sup> Maximum Hetch Hetchy Reservoir storage with drum gates deactivated.

<sup>2</sup> Maximum Cherry Reservoir storage with flash-boards removed.

<sup>3</sup> Maximum Lake Eleanor storage with flash-boards removed.

<sup>4</sup> Available capacity does not take into account current DSOD storage restrictions.

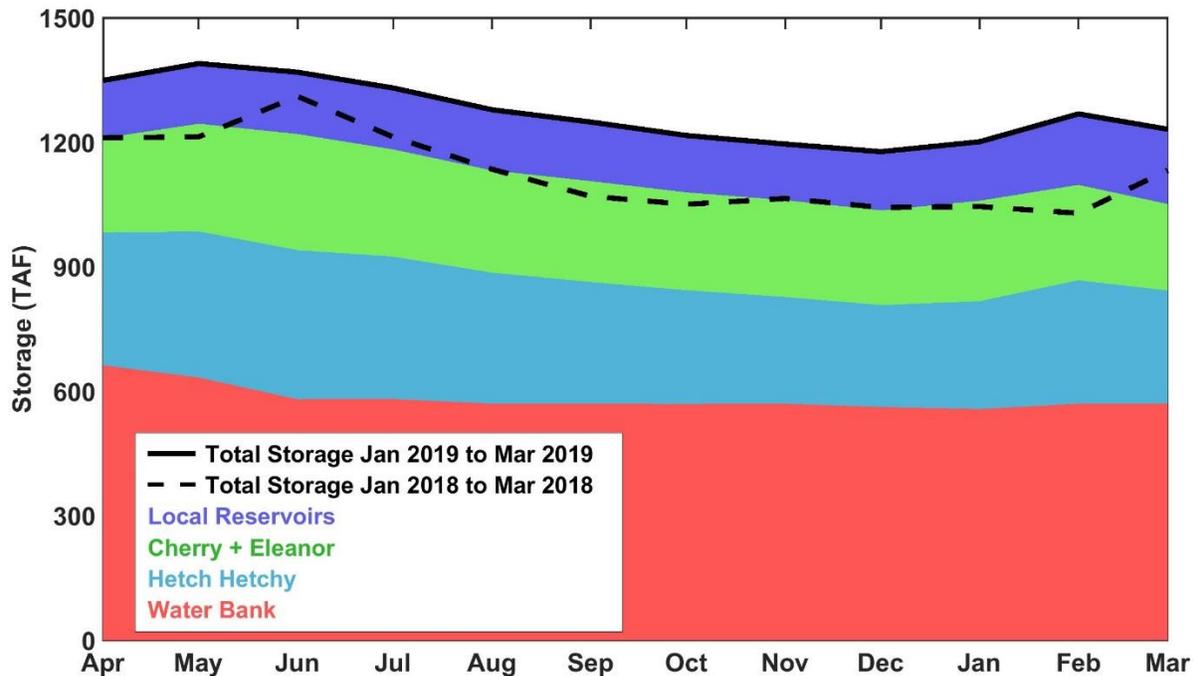
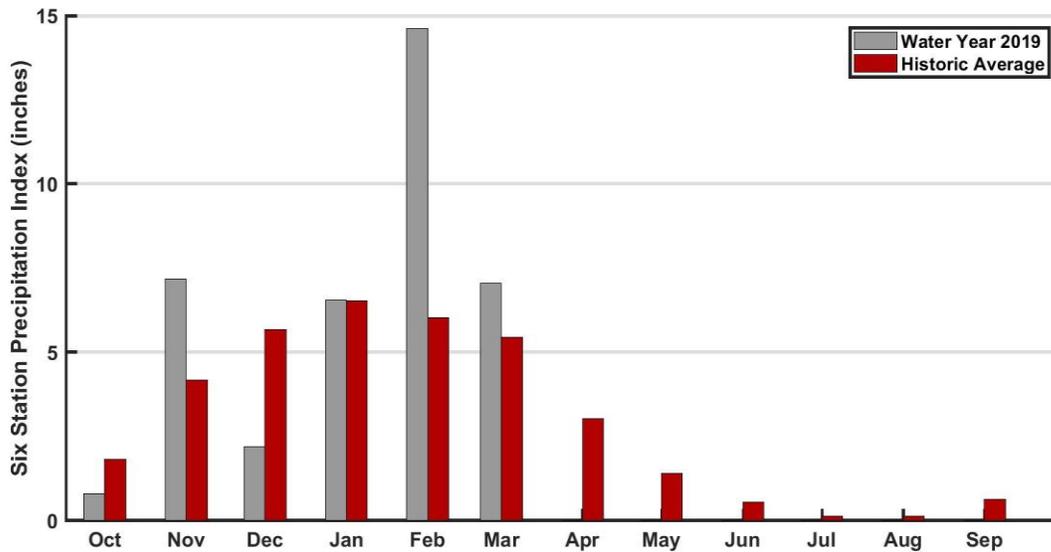


Figure 1: Monthly system storage for past 12 months in thousand acre-feet (TAF). Color bands show contributions to total system storage. Solid black line shows total system storage for the past 12 months. Dashed black line shows total system storage the previous 12 months.

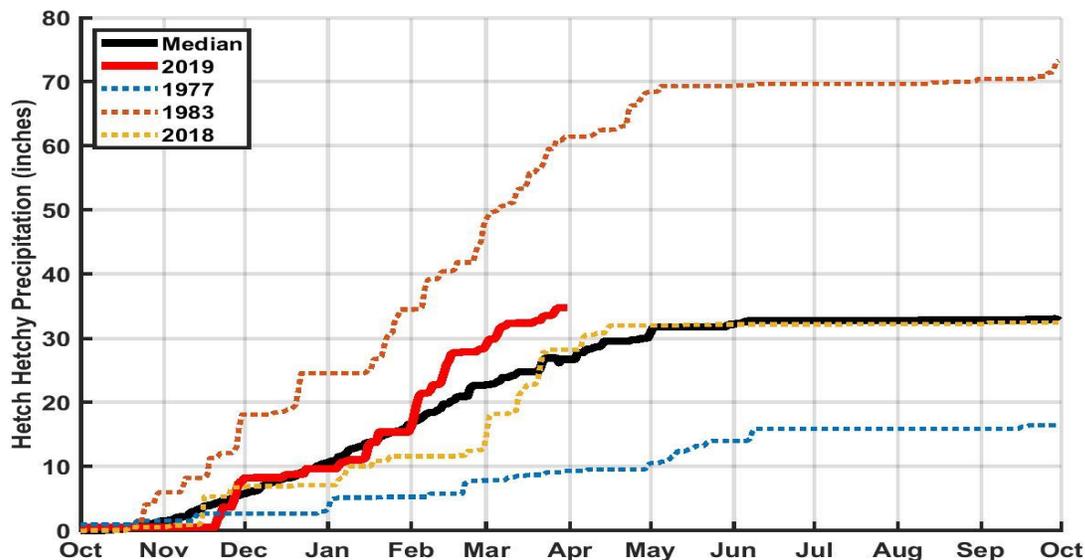
## Hetch Hetchy System Precipitation Index

*Current Month:* The March 2019 six-station precipitation index was 7.03 inches, or 128% of the average index for the month. The precipitation index is computed as the average of six Sierra precipitation stations and is an indicator of the overall basin wetness.



**Figure 2:** Monthly distribution of the six-station precipitation index as compared to the annual average precipitation for March 2019. The precipitation index is computed as the average of six Sierra precipitation stations and is an indicator of the overall basin wetness.

*Cumulative Precipitation to Date:* As of April 1<sup>st</sup>, the six-station precipitation index for Water Year 2019 was 38.39 inches, which is 108% of the average annual water year total. Hetch Hetchy Weather Station received 6.39 inches of precipitation in March, for a total of 34.77 inches for Water Year 2019. The cumulative Hetch Hetchy Weather Station precipitation is shown in Figure 3 in red.



**Figure 3:** Water Year 2019 cumulative precipitation measured at Hetch Hetchy Weather Station. Median cumulative precipitation measured at Hetch Hetchy Weather Station and example wet and dry years are included with WY 2019 for comparison purposes.

## Tuolumne Basin Unimpaired Inflow

Unimpaired inflow to SFPUC reservoirs and the Tuolumne River at La Grange for March 2019 is summarized below in Table 2.

Calculated reservoir inflows and Water Available to City								
* All flows are in acre-feet	March 2019				October 1, 2018 through March 31, 2019			
	Observed Flow	Median <sup>1</sup>	Mean <sup>1</sup>	Percent of Mean	Observed Flow	Median <sup>1</sup>	Mean <sup>1</sup>	Percent of Mean
Inflow to Hetch Hetchy Reservoir	46,241	39,015	41,473	111%	132,730	114,363	130,265	102%
Inflow to Cherry Reservoir and Lake Eleanor	55,396	37,980	42,053	132%	158,268	113,246	138,673	114%
Tuolumne River at La Grange	364,905	159,640	190,040	192%	899,036	481,436	600,504	150%
Water Available to City	216,349	27,949	67,837	319%	457,587	109,924	223,625	205%

<sup>1</sup>Hydrologic Record: 1919-2015

## Hetch Hetchy System Operations

The Hetch Hetchy Aqueduct maintenance shutdown was complete by the beginning of March and water deliveries to the city were restored on the 11<sup>th</sup>.

Hetch Hetchy Reservoir power draft and stream releases during the month totaled 54,288 acre-feet. Precipitation thus far in Water Year 2019 result in a Water Year Type A (normal to wet conditions) for Hetch Hetchy Reservoir, which will be maintained through the rest of the year. Hetch Hetchy Reservoir minimum instream release requirements for the month of March were 60 cfs. Instream release requirements for April are 75 cfs. Supply forecasts show that there is water available to generate at full capacity at Kirkwood Powerhouse through the end of runoff. Hetch Hetchy Reservoir inflows are currently being managed via power draft and instream releases.

Cherry Reservoir power generation and valve releases totaled 47,240 acre-feet for the month and were used to maintain seasonal target elevations. The required minimum instream release from Cherry Reservoir was 5 cfs for March and will remain at this rate through June 30. Required minimum release from Lake Eleanor was 10 cfs for March and will remain at this rate through April 15<sup>th</sup> when it will increase to 20 cfs. There were 18 days of transfers of water from Lake Eleanor to Cherry Reservoir in March for total of 8,097 acre-feet. Water transfer from Lake Eleanor to Cherry Reservoir was discontinued due to high inflow forecasts. The forecasts predict sufficient inflows to Cherry Reservoir to support filling of Cherry Reservoir and full generation at Holm without the transfer.

Priest Reservoir was bypassed due to elevated turbidity. Moccasin Reservoir is also bypassed but has been refilled according to DSOD guidance to an elevation of 905 feet and will remain at this elevation until repairs from the March 22<sup>nd</sup>, 2018 storm are completed.

## Regional System Treatment Plant Production

The Harry Tracy Water Treatment Plant average production rate for March was 56 MGD. The Sunol Valley Water Treatment Plant production rate for the month was 52 MGD.

## Local System Water Delivery

The average March delivery rate was 160 MGD, which is a 6% increase above February delivery rate of 150 MGD.

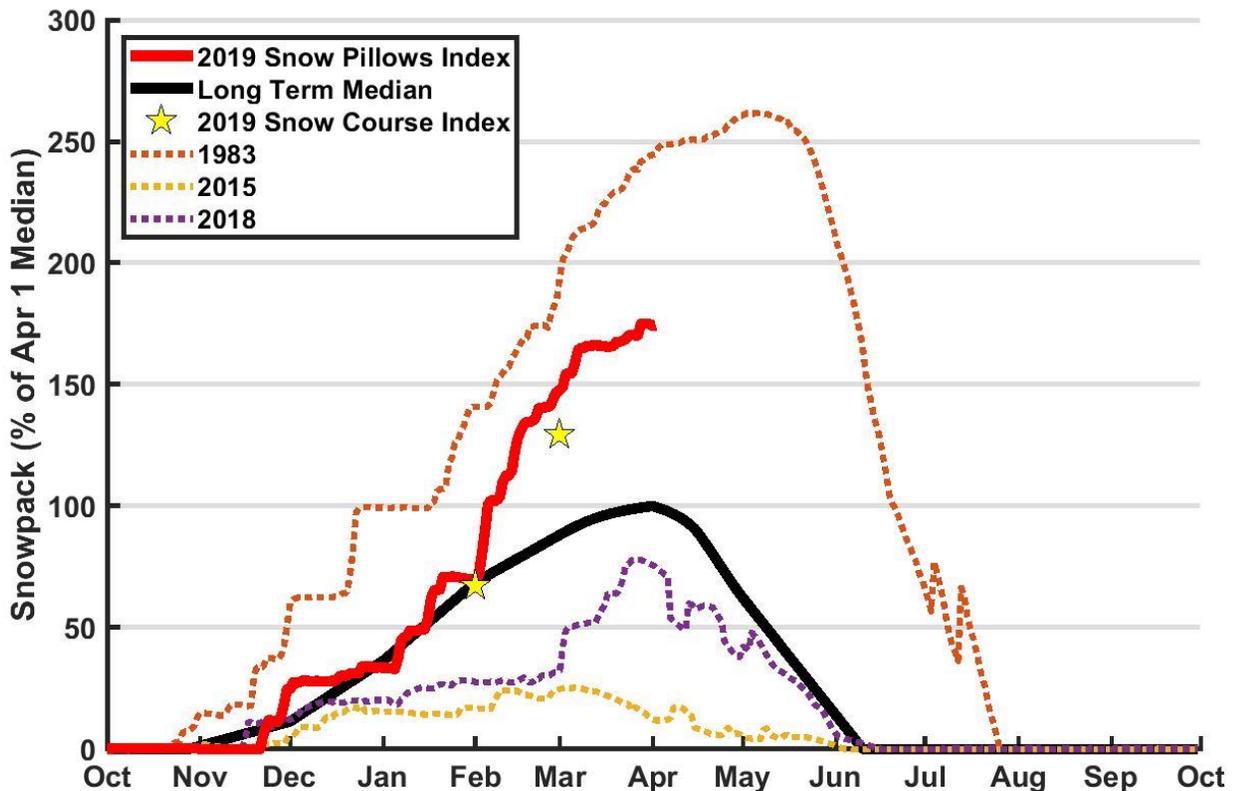
## Local Precipitation

Wet weather continued through the month of March. Total precipitation measurements were above average for the month. The rainfall summary for March 2019 is presented in Table 3.

Weather Station Location	March		Water Year 2019	
	Total (inches)	Percent of Mean for the Month	Total (inches)	Percent of Mean for the Year-To-Date
Pilarcitos Reservoir	9.87	176 %	40.60	122 %
Lower Crystal Springs Reservoir	5.32	136 %	25.31	108 %
Calaveras Reservoir	3.77	114 %	19.93	107 %

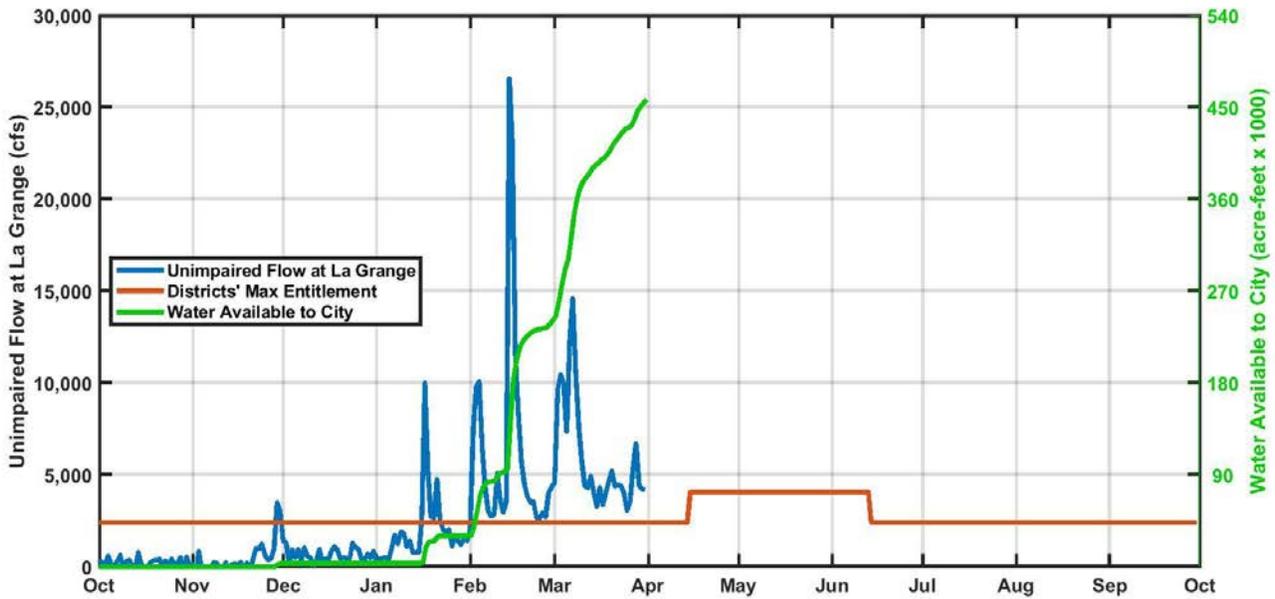
## Snowmelt and Water Supply

Continued cold weather plus an above average March resulted in significant snow accumulation above 6000 ft. Based on the snow pillows, March 1<sup>st</sup> snow pack is currently 170% of the annual peak snowpack (Figure 4). Snowpack is highly correlated with future inflows in the Tuolumne Basin, suggesting that this will be a high runoff year.

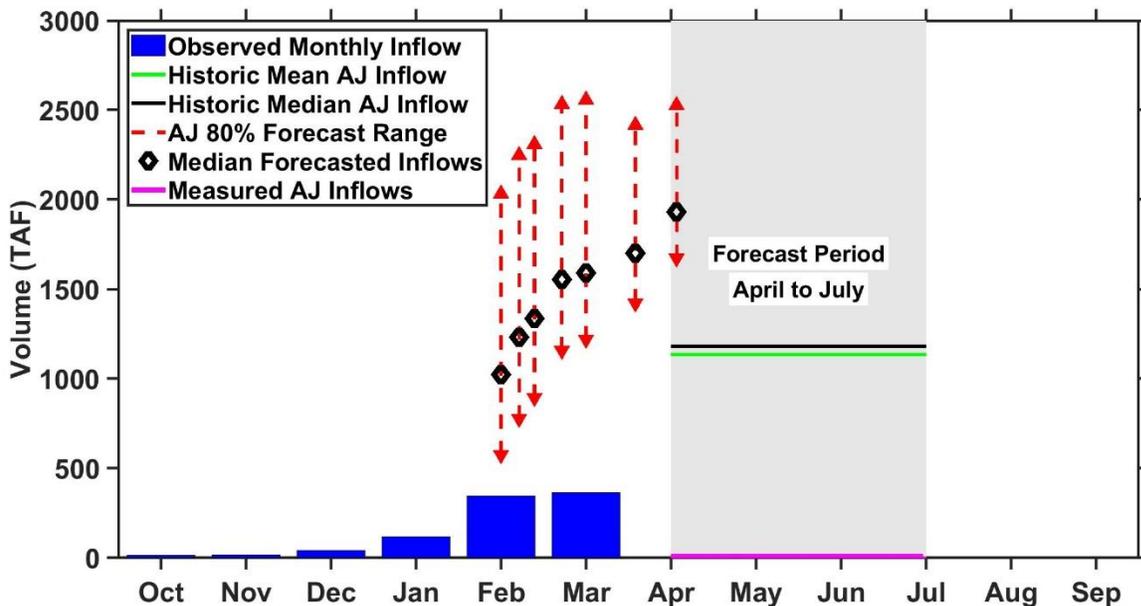


**Figure 4:** Tuolumne River Basin 10 Station Snow Index (lines), based on real time snow pillow SWE measurements in the Tuolumne Basin. Stars are an average of the snow survey sites in the basin.

A slightly above average March resulted in a small increase in the seasonal forecasts. The extensive snowpack, combined with upcountry reservoirs at or above seasonal storage targets, results in forecasts of sufficient future inflows to accommodate full available generation at all powerhouses throughout runoff and refilling of the Tuolumne River system by the end of runoff. Deep snowpack at elevation and continued cool weather indicate the possibility of an extended runoff season, expected to last through July. This will result in high water availability throughout the spring and summer. The expected spill from Hetch Hetchy Reservoir will be managed through valve releases via the Upper Tuolumne River Ecosystem Program (UTREP) starting in April and continuing through the end of runoff. Cherry Reservoir is expected to fill with some valve releases required. Lake Eleanor will remain near full throughout the spring, as inflows will exceed our ability to transfer to Cherry Reservoir for power generation at Holm Powerhouse.



**Figure 5:** Calculated unimpaired flow at La Grange and the allocation of flows between the Districts and the City. To date there has been 457,587 ac-ft available to the city in Water Year 2019.



**Figure 6:** The Water Supply Forecast Model (WSFM) median forecast at La Grange rose above the long term average, due to significant snowpack and precipitation in through the winter. The April 1<sup>st</sup> WSFM forecast predicts sufficient inflows to refill the Tuolumne River System by the end of runoff.

**STAFF REPORT**

**To:** Coastside County Water District Board of Directors

**From:** James Derbin, Superintendent of Operations  
Via Dave Dickson, General Manager

**Agenda:** May 14, 2019

**Date:** May 6, 2019

**Subject:** Award of Contract - Ferdinand Avenue Water Main Replacement Project

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**Recommendation:**

Authorize General Manager to enter into a contractual agreement with California Trenchless, Inc. for \$502,850 to install approximately 1,500 feet of new 6-inch ductile iron pipeline, reconnecting 12 residential services, installing valves and appurtenances, and repaving.

**Background:**

This project will replace about 1,500 feet of 50-year-old 4-inch welded steel pipeline in El Granada along Carmel Avenue to Ferdinand Avenue. An exposed section of pipe crossing Deer Creek will be abandoned and removed. EKI Environment and Water Inc. prepared the plans and specifications for the work.

The results of the bid opening held on April 26, 2019, for the Ferdinand Avenue Water Main Replacement Project:

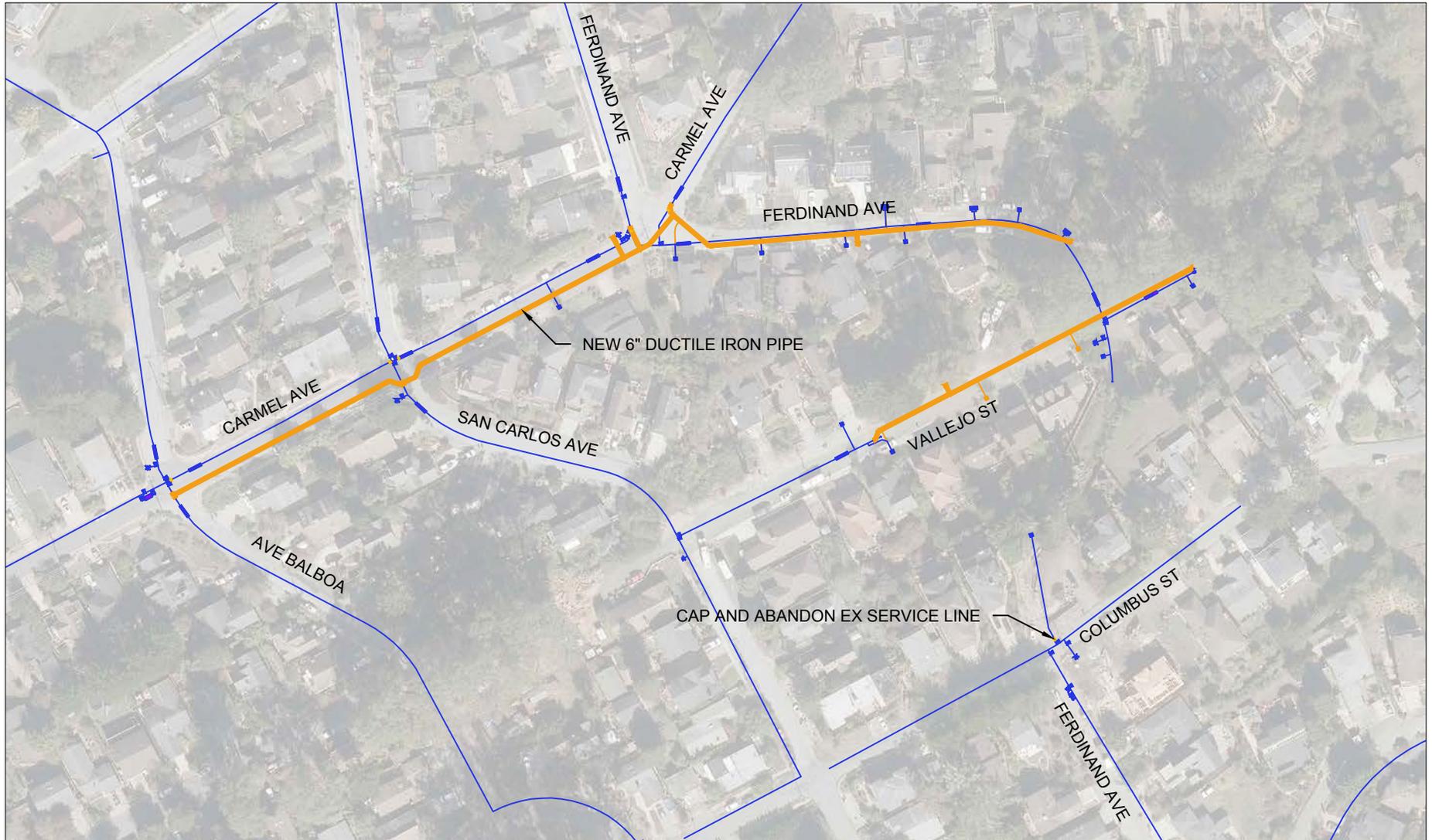
California Trenchless, Inc.	\$502,850
Stoloski & Gonzalez, Inc.	\$529,950
Mellon Engineering	\$591,750
Andreini Bros., Inc.	\$642,670

The Engineer's estimate of the construction cost was \$705,000

**Fiscal Impact:**

Funding for this project is included in the Capital Improvement Program Budget in the amount of \$510,000.

# FERDINAND AVENUE WATER MAIN REPLACEMENT



NOTE: NOT TO SCALE

**STAFF REPORT**

**To:** Coastside County Water District Board of Directors

**From:** James Derbin, Superintendent of Operations  
Via David Dickson, General Manager

**Agenda:** May 14, 2019

**Date:** May 6, 2019

**Subject:** Award of Contract - Casa Del Mar and Grand Boulevard PRV Project

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**Recommendation:**

Authorize the General Manager to enter into a contractual agreement with Stoloski and Gonzalez., Inc. for \$563,634 to install three new pressure reducing valve stations, installing approximately 475 feet of new 8-inch ductile iron pipeline, installing approximately 120 feet of new 6-inch ductile iron pipeline, reconnecting 7 residential services, installing valves and appurtenances, and repaving.

**Background:**

This project will reduce the pressure that is currently on the 60-plus-year-old cast iron mains in this area, thus allowing the District to postpone the replacement of these mains for many years, and will improve water reliability and water quality. EKI Environment and Water Inc. prepared plans and specifications for this work.

The results of the bid opening held on April 19, 2019, for the Casa Del Mar and Grand Boulevard PRV Stations Project:

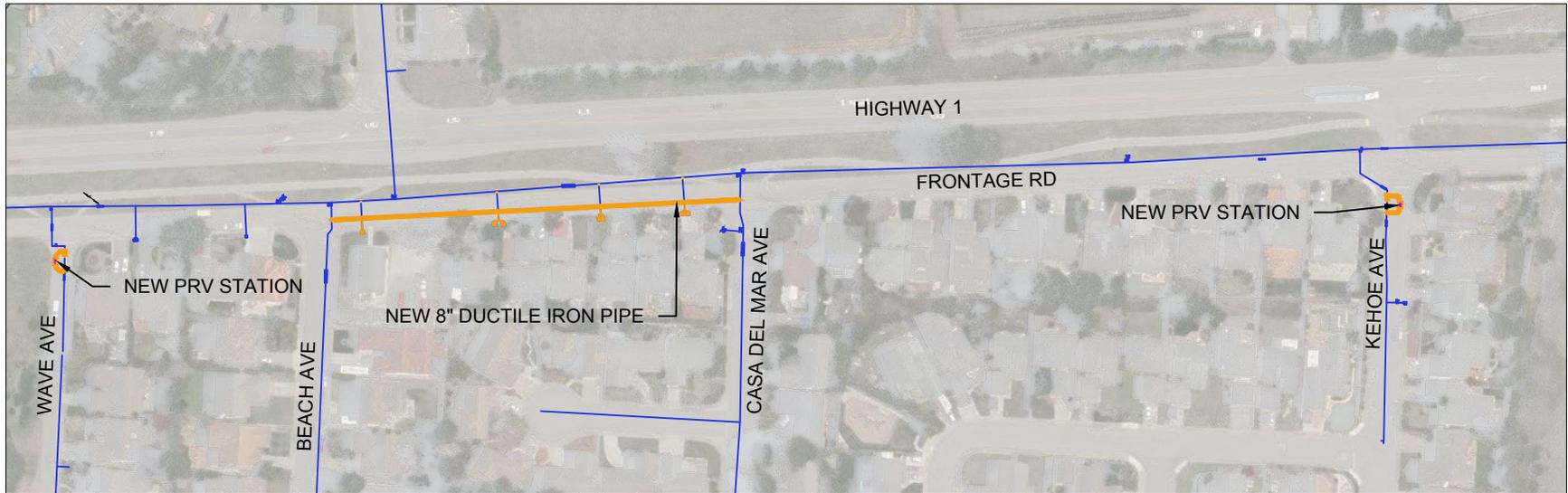
Stoloski & Gonzalez, Inc.	\$563,634
Andreini Bros., Inc.	\$619,943

The Engineer's estimate of the construction cost was \$680,300.

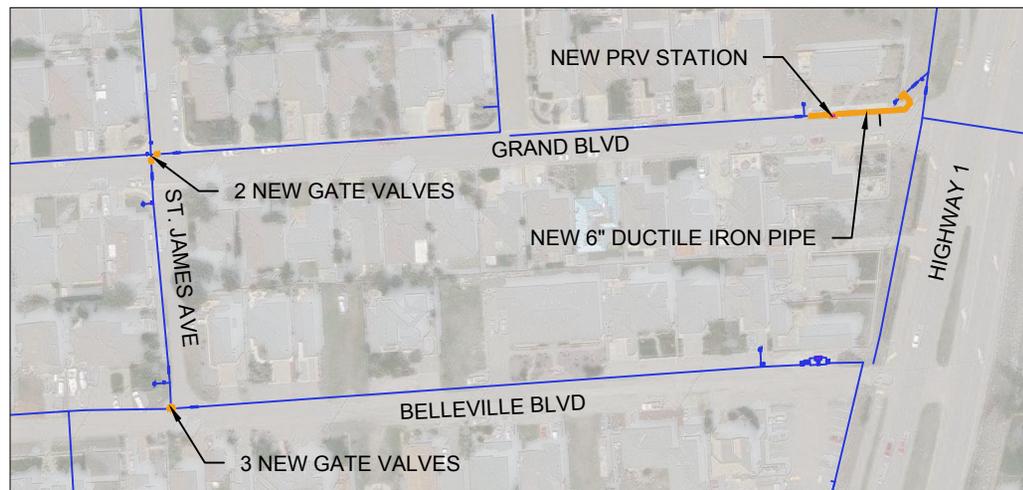
**Fiscal Impact:**

Funding for this project is included in the Capital Improvement Program Budget in the amount of \$600,000.

# CASA DEL MAR AND GRAND BLVD PRV STATIONS



NOTE: NOT TO SCALE



NOTE: NOT TO SCALE

## **STAFF REPORT**

**To:** Coastside County Water District Board of Directors

**From:** Mary Rogren, Assistant General Manager

**Agenda:** May 14, 2019

### **Report**

**Date:** May 10, 2019

**Subject:** Review of Notice of Increase in Water Rates Effective July 1, 2019, and Review of the FY2019-2020 Operations Budget and FY2018/19 to FY2027/28 Capital Improvement Program (both approved on June 28, 2018.)

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### **Recommendation:**

Information Only.

### **Background:**

#### **Rate Increase Notice:**

On June 28, 2018, the Coastside County Water District Board of Directors adopted Resolution 2018-05, which provides for two years of rate increases. A 2.3% rate increase became effective on July 1, 2018, and a 4% increase will be effective on July 1, 2019. The basis for the increase in rates is described in the Cost of Service Analysis and Rate Study Report prepared (in May 2018) by the District's water rate consultant, Raftelis Financial Consultants Inc.

The Proposition 218 Omnibus Implementation Act (Govt Code sections 53750 et seq.) requires that the written notice of the increase be sent at least 30 days before the effective date of the increase. District Staff will be sending out the attached notice in May, 2019 (Exhibit A), in anticipation of the July 1, 2019 rate increase.

#### **Operations Budget and Capital Improvement Program Review:**

On April 18, 2019, Staff met with the Finance Committee to review the CIP and the approved FY2019/20 Operations Budget (Exhibit B.) Staff reviewed the expense assumptions in the approved FY2019/20 Operations Budget and determined that the assumptions presented in June 2018 are still valid.

On April 16, 2019 the Facilities Committee met with District Staff to review the CIP (See Exhibit C.) Staff believes that the current overall CIP is still valid, however the timing of projects will vary over the next 3-5 years. We project \$4,770,000 in capital expenditures for FY2019/20, versus \$4,870,000 in the approved plan. Total planned CIP spending over the FY2018/19 to FY2019/20 period will be \$1,800,000 less than the original plan due to spending \$1,700,000 less than plan in FY2018/19. This will increase the District's reserves, but we anticipate that this increase will be more

**STAFF REPORT**

**Agenda: May 14, 2019**

**Subject: Notice of Rate Increase**

**Page Two**

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than offset by projects which will be added to the CIP in FY2020/21 and subsequent years.

Copies of the Cost of Service and Rate Study, the approved Operations Budgets for FY2018-19 and FY2020-2021, the approved FY2018/19- FY2027/28 Capital Improvement Program, the May 11, 2018 Proposition 218 Notice, and Resolution No. 2018-05 are available at the District office or online at [www.coastsidewater.org](http://www.coastsidewater.org).

## Notice of Increase in Water Rates Effective July 1, 2019

Exhibit A

*Coastside County Water District is committed to providing our customers with reliable, high-quality drinking water and services, while maintaining its facilities and infrastructure. The District's capital improvement program provides that the District's infrastructure is replaced at the end of its life cycle and upgraded to meet current standards.*

On June 28, 2018, the Coastside County Water District Board of Directors adopted a two-year rate schedule (see Resolution No. 2018-05.) A 2.3% rate increase became effective on July 1, 2018, and a 4% increase will be effective on July 1, 2019. These rate increases are shown in the tables below.

Rates are designed to recover the District's costs of buying, treating, and distributing water; funding infrastructure projects; and maintaining adequate financial reserves. The basis for the increase in rates is described in the Cost of Service Analysis and Rate Study report prepared (in May 2018) by the District's water rate consultant, Raftelis Financial Consultants Inc. The Cost of Service Analysis and Rate Study report, the approved Operations Budgets for FY2018-2019 and FY2019-2020, the approved Capital Improvement Program, the May 11, 2018 Proposition 218 Notice, and Resolution No. 2018-05 are available at the District office or online at [www.coastsidewater.org](http://www.coastsidewater.org).

### RESIDENTIAL & OTHER CUSTOMERS – BASE CHARGE

Meter Size	BI-MONTHLY BASE CHARGE		MONTHLY BASE CHARGE	
	Current Effective July 1, 2018	Effective July 1, 2019	Current Effective July 1, 2018	Effective July 1, 2019
5/8 inch	\$55.55	\$57.78	\$27.78	\$28.90
3/4 inch	\$82.09	\$85.38	\$41.05	\$42.70
1.0 inch	\$135.18	\$140.59	\$67.59	\$70.30
1.5 inch	\$267.90	\$278.62	\$133.95	\$139.31
2.0 inch	\$427.16	\$444.25	\$213.58	\$222.13
3.0 inch	\$931.48	\$968.74	\$465.74	\$484.37
4.0 inch	\$1,674.70	\$1,741.69	\$837.35	\$870.85

### FIRE SERVICE CHARGE

BI-MONTHLY SERVICE CHARGE (By Service Line Size)		MONTHLY SERVICE CHARGE (By Service Line Size)	
Current—Per Inch July 1, 2018	Per Inch Effective July 1, 2019	Per Inch July 1, 2018	Per Inch Effective July 1, 2019
\$12.42	\$12.92	\$6.21	\$6.46

### RESIDENTIAL CUSTOMERS - WATER CONSUMPTION QUANTITY CHARGE

*(One Unit of water equals 100 cubic feet or 748 gallons)*

Tier #	Rate Tiers (Bi Monthly)	BI-MONTHLY QUANTITY CHARGE		MONTHLY QUANTITY CHARGE		
		Current Water Quantity Charge Per Unit Effective July 1, 2018	Water Quantity Charge Per Unit Effective July 1, 2019	Rate Tiers (Monthly) Effective July 1, 2018	Current Water Quantity Charge Per Unit Effective July 1, 2018	Water Quantity Charge Per Unit Effective July 1, 2019
1	1 - 8 Units	\$8.83	\$9.19	1 - 4 Units	\$8.83	\$9.19
2	9 - 16 Units	\$12.92	\$13.44	5 - 8 Units	\$12.92	\$13.44
3	17+ Units	\$15.63	\$16.26	9+ Units	\$15.63	\$16.26

### ALL OTHER CUSTOMERS - WATER CONSUMPTION QUANTITY CHARGE

Customer Type	WATER RATE QUANTITY CHARGE PER UNIT	
	Current Effective July 1, 2018	Effective July 1, 2019
Multi-Family	\$11.77	\$12.25
All Other Customers	\$12.55	\$13.06



# Investing in Water Infrastructure to Better Serve the Coastside

Our Investment in Infrastructure (in Million \$'s)



**YEAR 2 Operations & Maintenance Budget - FY 2019-2020**

<i>FINAL JUNE 28, 2018 (Approved by Board of Directors at 6.28.18 Rate Hearing)</i>		Approved FY 2019/20	Approved FY 2018/19	FY19/20 Budget Vs. FY 18/19 Budget	FY19/20 Budget Vs. FY 18/19 Budget	Approved FY 2017/18
Account Number	Description	Budget	Budget	\$ Change	% Change	Budget
<b>OPERATING REVENUE</b>						
4120	Water Sales *	\$12,300,000	\$11,710,500	\$589,500	5.0%	\$10,805,600
	Water Sales in MG	596 MG	590 MG			
<b>Total Operating Revenue</b>		<b>\$12,300,000</b>	<b>\$11,710,500</b>	<b>\$589,500</b>	<b>5.0%</b>	<b>\$10,805,600</b>
<b>NON-OPERATING REVENUE</b>						
4170	Hydrant Sales	\$50,000	\$50,000	\$0	0.0%	\$50,000
4180	Late Penalty	\$60,000	\$60,000	\$0	0.0%	\$60,000
4230	Service Connections	\$10,000	\$10,000	\$0	0.0%	\$10,000
4920	Interest Earned	\$6,270	\$6,236	\$34	0.5%	\$6,174
4930	Property Taxes	\$725,000	\$725,000	\$0	0.0%	\$700,000
4950	Miscellaneous	\$25,000	\$25,000	\$0	0.0%	\$37,000
4955	Cell Site Lease Income	\$171,300	\$165,000	\$6,300	3.8%	\$154,000
4965	ERAF Refund	\$338,000	\$325,000	\$13,000	4.0%	\$250,000
<b>Total Non-Operating Revenue</b>		<b>\$1,385,570</b>	<b>\$1,366,236</b>	<b>\$19,334</b>	<b>1.4%</b>	<b>\$1,267,174</b>
<b>TOTAL REVENUES</b>		<b>\$13,685,570</b>	<b>\$13,076,736</b>	<b>\$608,834</b>	<b>4.7%</b>	<b>\$12,072,774</b>
<b>OPERATING EXPENSES</b>						
5130	Water Purchased	\$1,941,948	\$1,900,998	\$40,950	2.2%	\$2,106,991
5230	Electrical Exp. Nunes WTP	\$45,259	\$42,697	\$2,562	6.0%	\$40,280
5231	Electrical Expenses, CSP	\$357,305	\$337,080	\$20,225	6.0%	\$318,000
5232	Electrical	\$28,584	\$26,966	\$1,618	6.0%	\$25,440
5233	Elec Exp/Pilarcitos Cyn	\$42,000	\$39,248	\$2,752	7.0%	\$32,309
5234	Electrical Exp., Denn	\$137,800	\$130,000	\$7,800	6.0%	\$92,220
5242	CSP - Operation	\$11,128	\$10,700	\$428	4.0%	\$10,500
5243	CSP - Maintenance	\$37,000	\$37,000	\$0	0.0%	\$37,000
5246	Nunes WTP Oper	\$80,964	\$77,850	\$3,114	4.0%	\$72,000
5247	Nunes WTP Maint	\$122,500	\$122,500	\$0	0.0%	\$122,500
5248	Denn. WTP Oper.	\$49,000	\$47,000	\$2,000	4.3%	\$34,500
5249	Denn WTP Maint	\$104,000	\$101,850	\$2,150	2.1%	\$60,000
5250	Laboratory Expenses	\$75,000	\$71,450	\$3,550	5.0%	\$53,000
5260	Maintenance Expenses	\$300,000	\$291,700	\$8,300	2.8%	\$291,700
5261	Maintenance, Wells	\$40,000	\$40,000	\$0	0.0%	\$40,000
5263	Uniforms	\$12,500	\$12,500	\$0		\$10,000
5318	Studies/Surveys/Consulting	\$160,000	\$160,000	\$0	0.0%	\$160,000
5321	Water Resources	\$26,200	\$25,200	\$1,000	4.0%	\$37,000
5322	Community Outreach	\$56,900	\$54,700	\$2,200	4.0%	\$54,700
5381	Legal	\$100,000	\$100,000	\$0	0.0%	\$110,000
5382	Engineering	\$62,000	\$60,000	\$2,000	3.3%	\$100,000
5383	Financial Services	\$22,000	\$20,000	\$2,000	10.0%	\$20,000
5384	Computer Services	\$167,600	\$163,600	\$4,000	2.4%	\$144,800
5410	Salaries, Admin.	\$1,179,832	\$1,133,881	\$45,952	4.1%	\$1,150,980

### YEAR 2 Operations & Maintenance Budget - FY 2019-2020

<i>FINAL JUNE 28, 2018 (Approved by Board of Directors at 6.28.18 Rate Hearing)</i>		Approved FY 2019/20	Approved FY 2018/19	FY19/20 Budget Vs. FY 18/19 Budget	FY19/20 Budget Vs. FY 18/19 Budget	Approved FY 2017/18
Account Number	Description	Budget	Budget	\$ Change	% Change	Budget
5411	Salaries - Field	\$1,461,020	\$1,400,532	\$60,488	4.3%	\$1,266,081
5420	Payroll Taxes	\$183,582	\$177,733	\$5,849	3.3%	\$170,555
5435	Employee Medical Insurance	\$481,419	\$444,246	\$37,173	8.4%	\$447,056
5436	Retiree Medical Insurance	\$55,274	\$50,659	\$4,615	9.1%	\$47,215
5440	Employee Retirement	\$619,321	\$598,859	\$20,462	3.4%	\$544,380
5445	SIP 401a Plan	\$35,000	\$35,000	\$0	0.0%	\$35,000
5510	Motor Vehicle Exp.	\$63,000	\$60,000	\$3,000	5.0%	\$50,700
5620	Office & Billing Expenses	\$263,219	\$261,600	\$1,619	0.6%	\$225,500
5625	Meetings/Training/Seminars	\$27,000	\$26,000	\$1,000	3.8%	\$24,000
5630	Insurance	\$137,000	\$129,000	\$8,000	6.2%	\$120,000
5687	Memberships & Subscriptions	\$78,970	\$75,970	\$3,000	3.9%	\$75,350
5688	Election Expense	\$0	\$25,000	-\$25,000	-100.0%	\$0
5689	Union Expenses	\$6,000	\$6,000	\$0	0.0%	\$6,000
5700	County Fees	\$24,000	\$20,000	\$4,000	20.0%	\$20,000
5705	State Fees	\$36,500	\$36,500	\$0	0.0%	\$24,000
<b>Total Operating Expenses</b>		<b>\$8,630,824</b>	<b>\$8,354,018</b>	<b>\$276,805</b>	<b>3.2%</b>	<b>\$8,179,756</b>
<b>CAPITAL ACCOUNTS</b>						
5712	Existing Bonds - 2006B	\$484,831	\$486,383	-\$1,552	-0.3%	\$486,776
5715	Existing Bond-CIEDB 11-099	\$335,977	\$336,126	-\$149	0.0%	\$336,269
5716	CIEDB 16-111	\$323,803	\$324,235	-\$432		\$324,652
<b>Total Capital Accounts</b>		<b>\$1,144,611</b>	<b>\$1,146,744</b>	<b>-\$2,133</b>	<b>-0.2%</b>	<b>\$1,147,697</b>
<b>TOTAL REVENUE LESS TOTAL EXPENSE</b>		<b>\$3,910,135</b>	<b>\$3,575,974</b>	<b>\$334,162</b>	<b>9.3%</b>	<b>\$2,745,322</b>
5713	Cont. to CIP & Reserves	\$3,910,135				

\* Estimated at 596 MG (1% volume increase from 590 MG in FY2018/19 budget)  
Reflects 4% revenue increase -- approved by Board of Directors 6.28.2018

Project #	Project Name	Comments	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY26/27	FY27/28	FY 18/19 to FY 27/28 Total
<b>Equipment Purchase &amp; Replacement</b>													
06-03	SCADA/Telemetry/Electric Controls Replacement (Backup Communications @ Cahill, PRV controls)		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 500,000
08-10	Backhoe			\$ 200,000									\$ 200,000
15-04	Vactor Truck/Trailer							\$ 500,000					\$ 500,000
19-XX	Valve truck	New FY18-19. Valve truck will replace the valve exercising trailer that was purchased ~10 years ago.			\$ 225,000								\$ 225,000
99-02	Vehicle Replacement	Increase budget by \$10K per year	\$ 100,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 460,000
<b>Equipment Purchase &amp; Replacement Totals</b>			<b>\$ 150,000</b>	<b>\$ 290,000</b>	<b>\$ 315,000</b>	<b>\$ 90,000</b>	<b>\$ 90,000</b>	<b>\$ 590,000</b>	<b>\$ 90,000</b>	<b>\$ 90,000</b>	<b>\$ 90,000</b>	<b>\$ 90,000</b>	<b>\$ 1,885,000</b>

**Facilities & Maintenance**

08-08	PRV Valves Replacement Project		\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000							\$ 120,000
09-09	Fire Hydrant Replacement	Increase from \$40K to \$140K per year	\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 1,000,000
15-03	District Administration/Operations Center								\$ 3,000,000				\$ 3,000,000
16-07	Sample Station Replacement Project	Increase from \$20K to \$30K	\$ 30,000										\$ 30,000
17-15	Pilarcitos Canyon Emergency Road Repairs	Moved from FY17/18 to FY18/19 (restoration work from Feb 2017 storms)	\$ 100,000										\$ 100,000
18-13	Denniston WTP and Tank Road Repairs and Paving	New	\$ 100,000										\$ 100,000
99-01	Meter Change Program	Ongoing replacement of larger meters	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 200,000
<b>Facilities and Maintenance Totals</b>			<b>\$ 420,000</b>	<b>\$ 190,000</b>	<b>\$ 190,000</b>	<b>\$ 190,000</b>	<b>\$ 160,000</b>	<b>\$ 160,000</b>	<b>\$ 60,000</b>	<b>\$ 3,060,000</b>	<b>\$ 60,000</b>	<b>\$ 60,000</b>	<b>\$ 4,550,000</b>

**Pipeline Projects**

06-02	Highway 1 South Pipeline Replacement Project	Increase from \$500K to \$750K	\$ 750,000										\$ 750,000
07-03	Pilarcitos Canyon Pipeline Replacement	Increase from \$600K to \$700K - need SFPUC approval; moved from FY18/19 to FY19/20		\$ 700,000									\$ 700,000
07-04	Bell Moon Pipeline Replacement Project	move up from FY23/24 and FY24/25	\$ 60,000	\$ 250,000									\$ 310,000
13-02	Replace 8 Inch Pipeline Under Creek at Pilarcitos Ave	Add \$50K for design	\$ 50,000			\$ 400,000							\$ 450,000
14-01	Replace 12" Welded Steel Line on Hwy 92 with 8"	Add \$100K for design	\$ 100,000					\$ 1,000,000	\$ 1,000,000	\$ 1,000,000			\$ 3,100,000
14-27	Grandview 2 Inch Replacement	Increased project by \$1M in FY23/24 - due to expanded scope; design in FY18/19	\$ 50,000					\$ 1,450,000					\$ 1,500,000
14-28	Replace 2 Inch Hilltop Market to Spanishtown							\$ 240,000					\$ 240,000
14-29	Replace 2 Inch GS Purissima Way	Move out from FY19/20 to FY20/21			\$ 125,000								\$ 125,000
14-30	Replace Miscellaneous 2 Inch GS El Granada	Move up from FY19/20 to FY18/19	\$ 60,000										\$ 60,000
14-31	Ferdinand Avenue - Replace 4" WS Ferdinand Ave. to Columbus	Increase from \$225K to \$450K; moved out from FY 19/20 to FY20/21 - add design in FY 18/19	\$ 60,000		\$ 450,000								\$ 510,000
14-32	Casa Del Mar - Replace Cast Iron Mains	Add \$350K for PRVs - FY18/19 and FY19/20 -- will allow us to decrease pressure/extend life; pushed out main replacement to FY26/27 and FY27/28 and increase by \$1M		\$ 350,000							\$ 1,500,000	\$ 1,500,000	\$ 3,350,000
14-33	Miramar Cast Iron Pipeline Replacement	Increase FY24/25 from \$500K to \$1M						\$ 1,000,000	\$ 1,000,000				\$ 2,000,000
16-09	Sipline 10 Inch Pipeline in Magellan at Hwy 1	Move our from FY18/19 to FY20/21			\$ 100,000								\$ 100,000
18-01	Pine Willow Oak - 2400 feet	Increase FY21/22 from \$500K to \$1M				\$ 1,000,000							\$ 1,000,000
19-XX	Grand Blvd Pipeline/PRV Loop				\$ 250,000								\$ 250,000
NN-00	Unscheduled CIP	Added line item to cover unscheduled CIP that occurs during the year. Removed pipeline replacements in Yrs 6-10	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000
<b>Pipeline Projects Totals</b>			<b>\$ 1,230,000</b>	<b>\$ 1,400,000</b>	<b>\$ 1,025,000</b>	<b>\$ 1,500,000</b>	<b>\$ 100,000</b>	<b>\$ 2,790,000</b>	<b>\$ 2,100,000</b>	<b>\$ 2,100,000</b>	<b>\$ 1,600,000</b>	<b>\$ 1,600,000</b>	<b>\$ 15,445,000</b>

**Pump Stations/Tanks/Wells**

06-04	Hazen's Tank Removal	move from FY17/18 to FY18/19	\$ 30,000										\$ 30,000
08-14	Alves Tank Recoating, Interior & Exterior	Assumes design work plus start of project in FY18/19; \$600K added from prior CIP	\$ 600,000	\$ 1,500,000									\$ 2,100,000
19-01	EG Tank #1 Recoating, Interior & Exterior	New	\$ 100,000	\$ 500,000	\$ 800,000								\$ 1,400,000
19-XX	Miramar Tank - Chime	new - seismic evaluation in FY18/19	\$ 40,000		\$ 250,000								\$ 290,000
08-16	Cahill Tank Exterior Recoat	increased from \$75K to \$200K		\$ 200,000									\$ 200,000

Project #	Project Name	Comments	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY26/27	FY27/28	FY 18/19 to FY 27/28 Total
09-18	Pilarcitos Well Field Improvements	moved - design work in FY18/19 with implementation in FY19/20		\$ 150,000									\$ 150,000
11-02	CSPS Stainless Steel Inlet Valves							\$ 100,000					\$ 100,000
11-05	Half Moon Bay Tank #2 Interior & Exterior Recoat	FY 19/20 and FY20/21 - added design and seismic evaluation \$50K each year; moved tank rehab out from FY20/21 to FY21/22 and increased costs for \$400K to \$750K		\$ 50,000	\$ 50,000	\$ 750,000							\$ 850,000
11-06	Half Moon Bay Tank #3 Interior & Exterior Recoat	FY 19/20 and FY20/21 - added design and seismic evaluation \$50K each year; increased costs of tank rehab for \$400K to \$1M		\$ 50,000	\$ 50,000		\$ 1,000,000						\$ 1,100,000
16-08	Denniston Well Field Improvements	Moved from FY18/19 to FY23/24; increased from \$100K to \$150K						\$ 150,000					\$ 150,000
18-04	CSP Fire System	Moved from FY18/19 to FY23/24;						\$ 40,000					\$ 40,000
18-05	Denniston Tank THM Residual Control	move from FY17/18 to FY18/19	\$ 80,000										\$ 80,000
18-06	CSP -- (3) Butterfly Valves	increased from \$45K to \$80K	\$ 80,000										\$ 80,000
19-XX	Tanks - THM Control	New	\$ 120,000										\$ 120,000
<b>Pump Stations/Tanks/Wells Totals</b>			<b>\$ 1,050,000</b>	<b>\$ 2,450,000</b>	<b>\$ 1,150,000</b>	<b>\$ 750,000</b>	<b>\$ 1,000,000</b>	<b>\$ 290,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 6,690,000</b>

**Water Supply Development**

12-12	San Vicente Diversion and Pipeline	moved \$100K up from FY19/20 to FY18/19	\$ 100,000	\$ 200,000	\$ 1,000,000	\$ 1,000,000							\$ 2,300,000
13-04	Denniston Reservoir Restoration	move from FY19/20 to FY20/21			\$ 1,000,000								\$ 1,000,000
17-12	Recycled Water Project Development	move from FY17/18 to FY18/19	\$ 100,000										\$ 100,000
<b>Water Supply Development Totals</b>			<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 2,000,000</b>	<b>\$ 1,000,000</b>	<b>\$ -</b>	<b>\$ 3,400,000</b>					

**Water Treatment Plants**

08-07	Nunes Filter Valve Replacement	Changed from \$45K per year for (5) years to \$500K to get work all completed at once; Cost increase includes hiring a contractor to replace the valves (vs. CCWD staff) due to safety issues.	\$ 500,000										\$ 500,000
13-05	Denniston WTP Emergency Power	Move up from FY23/24 to FY19/20; design work in FY19/19	\$ 50,000	\$ 400,000									\$ 450,000
17-01	Nunes Water Treatment Plant Treated Water Meter	removed											\$ -
17-04	Denniston Dam Spillway Repairs	work will be done in FY17/18											\$ -
18-11	Nunes Bulk Caustic Tank	moved from FY17/18 to FY19/20		\$ 40,000									\$ 40,000
<b>Water Treatment Plants Totals</b>			<b>\$ 550,000</b>	<b>\$ 440,000</b>	<b>\$ -</b>	<b>\$ 990,000</b>							

**GRAND TOTAL**

**\$ 3,600,000 \$ 4,970,000 \$ 4,680,000 \$ 3,530,000 \$ 1,350,000 \$ 3,830,000 \$ 2,250,000 \$ 5,250,000 \$ 1,750,000 \$ 1,750,000 \$ 32,960,000**

*MEMO - Prior CIP Difference* \$ 3,598,000 \$ 2,238,000 \$ 2,628,000 \$ 4,148,000 \$ 3,128,000 \$ 2,483,000 \$ 1,683,000 \$ 4,683,000 \$ 1,683,000  
 \$ 2,000 \$ 2,732,000 \$ 2,052,000 \$ (618,000) \$ (1,778,000) \$ 1,347,000 \$ 567,000 \$ 567,000 \$ 67,000

**5 year change Recap**

	<b>\$ 2,390,000</b>
Delay Hwy 92 8 inch	\$ (2,900,000)
Delay Casa del Mar Pipeline Replacement	\$ (2,000,000)
Offset by addition of PRVs in Casa del Mar	\$ 350,000
Delay Vactor Truck	\$ (500,000)
Valve Truck (New to CIP)	\$ 200,000
Fire hydrants	\$ 500,000
Pipeline Replacement-Hwy 1 South	\$ 250,000
Pipeline Replacement-Bell Moon	\$ 310,000
Pipeline Replacement-Ferdinand	\$ 285,000
Pipeline Replacement-Pine Willow	\$ 500,000
Grand Blvd - PRV loop	\$ 250,000

**5 year average** \$ 3,626,000

**5 year change Recap (cont'd)**

Alves Tank Refurbishment	\$ 600,000
EG Tank #1 Refurbishment (New to CIP)	\$ 1,400,000
Miramar Tank Chime (New to CIP)	\$ 290,000
HMB Tank #2	\$ 430,000
HMB Tank #3	\$ 680,000
Nunes Filter Valve Replacement	\$ 275,000
Denniston Emergency Power	\$ 450,000
Unscheduled CIP placeholder added	\$ 500,000
Other (< \$200,000 projects)	\$ 520,000
	<b>\$ 2,390,000</b>

## **STAFF REPORT**

**To:** Coastside County Water District Board of Directors

**From:** David Dickson, General Manager

**Agenda:** May 14, 2019

**Report Date:** April 11, 2019

**Subject:** Possible Cancellation of October 8, 2019 Regular Meeting of the Board of Directors and Rescheduling a Special Board of Directors Meeting for Tuesday, October 15, 2019.

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### **Recommendation:**

Cancel the October 8, 2019 Regular Meeting of the Board of Directors and Schedule a Special Board of Directors Meeting for Tuesday, October 15, 2019 beginning at 7:00 p.m.

### **Background:**

In observance of Yom Kippur, it has been proposed for Board consideration to cancel the October 8, 2019 Coastside County Water District Regular Board of Directors meeting and consider scheduling a Special Board meeting on Tuesday, October 15, 2019 to conduct the monthly business of the District. Board action is required to cancel a regular monthly Board of Directors meeting.

## **STAFF REPORT**

**To:** Coastside County Water District Board of Directors

**From:** David Dickson, General Manager

**Agenda:** May 14, 2019

Report

Date: May 7, 2019

**Subject: Professional Services Agreement with Balance Hydrologics, Inc. for Evaluation of Alternative Means of Diversion on Denniston Creek**

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### **Recommendation:**

Authorize the General Manager to enter into a Professional Services Agreement with Balance Hydrologics, Inc. to evaluate potential alternative means of diversion on Denniston Creek at Denniston Reservoir, for a time-and-materials cost not to exceed \$46,000.

### **Background:**

Since the beginning of its Denniston Creek diversions in 1974, the District has struggled to maintain the reservoir's volume in the face of the large annual sediment loading coming from the District's decomposed granite watershed. Our current permit from the California Department of Fish and Wildlife (DFW) allows us to remove 400 cubic yards of sediment annually, helping to maintain a relatively small pool around our intake.

We have included in our 2015 Denniston/San Vicente Water Supply Project EIR and in our Capital Improvement Program (CIP) a major dredging project intended to restore significant volume in Denniston Reservoir. We are concerned, however, that habitat preservation, DFW permitting conditions, and other factors will limit the extent of the dredging we will be able to do, and that maintaining the volume with annual dredging will remain a challenge. We would therefore like to explore alternative means of diversion from Denniston Creek that could eliminate the need for dredging while maintaining the habitat value of the creek and reservoir.

Balance Hydrologics has presented a proposal dated May 3, 2019 (Attachment A) to prepare a preliminary evaluation of potential alternative diversion strategies which have been proven in other applications, including the District's own diversions from Pilarcitos Creek. Staff recommends engaging Balance to perform this work.

**STAFF REPORT**

**Agenda: May 14, 2019**

**Subject: Professional Services Agreement with Balance Hydrologics**

**Page Two**

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**Fiscal Impact:**

Cost of \$46,000. The approved CIP includes \$1,000,000 for Denniston Reservoir restoration in FY20/21.



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 224 Walnut Avenue • Suite E • Santa Cruz, CA 95060 • (831) 457-9900  
 PO Box 1077 • Truckee, CA 96160 • (530) 550-9776  
 www.balancehydro.com • email: office@balancehydro.com

May 3, 2019

David Dickson, General Manager  
 Coastside County Water District  
 766 Main Street  
 Half Moon Bay, CA 94019-1995

**RE: Evaluating means of diversion on Denniston Creek at Denniston Reservoir for Coastside County Water District near El Granada, San Mateo County, California**

Dear Mr. Dickson,

You have kindly asked us to prepare a preliminary evaluation of potential alternative means of diversion to reconfigure the existing Denniston Creek diversion at Denniston Creek Reservoir. Currently water and sediment are transported along Denniston Creek, past the Denniston Creek water treatment plant (WTP) operated by the Coastside County Water District (CCWD), to Denniston Reservoir, where water is then periodically pumped back up to the WTP. Due to high rates of sediment loading and transport in Denniston Creek, the CCWD has a maintenance permit which allows them to remove up to 400 cubic yards (cy) annually from the reservoir to maintain the water right. You have asked us to prepare this proposal to explore alternate diversion strategies to take advantage of CCWDs existing water right (including comparison to the existing diversion practice, or “no-action alternative”) which may reduce maintenance costs, as well impacts to Denniston Creek, and to the Airport aquifer. Preliminary alternate means of diversion may include, but are not limited to:

- Ranney® Collector Wells or similar devices that include a single surface access connected to one or more lateral infiltration pipes or chambers;
- a well field of vertical or slanted wells, similar to CCWD’s existing alluvial well field on Pilarcitos Creek;
- lateral infiltration gallery broadly similar to the existing (smaller) diversion structure on neighboring Frenchman Creek.

First, we propose to first work closely with you to outline the planning criteria for potential alternate means of diversion, in order to begin to constrain viable alternate means of diversion and help you explore the feasibility. Second, we propose a brief field data collection data campaign to refine known constraints on proposed systems. Finally, we propose to summarize the preliminary planning criteria, constraints and proposed alternate means of diversion in a technical memorandum. It is our understanding that this initial scope of work represents the first step in the process. One of the final deliverables for this

Mr. David Dickson, General Manager  
May 3, 2019  
Page 2

assignment will be recommendations for potential detailed field investigations, which may help constrain and select alternate means of diversion. Those field investigations may substantively change the feasibility of proposed alternate means of diversion. It is possible that recommended field investigations might include collection of geophysical and/or geotechnical data or installation of a test well or wells, and subsequent pump testing.

The section below outlines our proposed work plan in more detail.

## **WORK PLAN**

### **Task 1: Development of preliminary design criteria**

The first step under this task will be to quickly assemble relevant documents and guiding regulatory documents. These may include but are certainly not limited to CCWD's EIR document in support of San Vicente and Denniston Creek water rights, California Division of Water Rights documents pertaining to surface and shallow alluvial aquifer diversions and San Mateo County well regulations.

Under this task, we will work with you to outline the preliminary planning criteria that will help guide selection of alternate means of diversion. Based on our conversations with you, we anticipate these planning criteria may include but are not necessarily limited to:

- Minimize maintenance;
- minimize impacts to riparian ecosystem;
- meet yield requirements based on current and predicted operational practices;
- meet in-situ irrigation storage requirements (either in the shallow aquifer or Denniston Reservoir) for Cabrillo Farms;
- maximize water quality and reduce potential treatment requirements.

We anticipate up to two meetings at your office with you and your staff to discuss operations requirements in support of establishing criteria that Balance can use to support the alternate means of diversion assessment outlined in Task 2, below. It may be helpful to tour the Denniston Reservoir diversion infrastructure during one of those meetings.

It may be useful to draw from the CCWD's experience pulling water from the Pilarcitos well field, which exhibits similarities to the Denniston Canyon shallow aquifer system.

**Assumptions:** CCWD will lead engagement with Cabrillo Farms to understand Cabrillo Farms diversion requirements and gain their input and feedback. We assume one round of comments from CCWD staff will be incorporated and the memo finalized before starting Task 3, below. We anticipate recommending field investigations, as part of future work, which may inform alternatives selection in the alternate means of diversion assessment memorandum scoped in Task 3. Following those investigations, CCWD may identify additional criteria or select to refine preliminary design criteria developed under this task.

Mr. David Dickson, General Manager  
May 3, 2019  
Page 3

***Deliverable:*** Preliminary design criteria memorandum documenting the preliminary design criteria and rationale for selecting those design criteria. This memo will also serve to demonstrate that CCWD has been seriously considering alternatives, consistent with the intent of NEPA, the resource agencies, and the Division of Water Rights.

### **Task 2. Define preliminary on-site constraints**

Under this task, Balance staff will spend up to one day in the field to collect limited topographic data to help us understand channel gradient and the geometry of the valley bottom. We anticipate collecting data using both a total station (digital theodolite) and survey-grade Global Navigation Satellite System (GNSS) near the WPT and Denniston Reservoir, to maximize the amount of data we can collect during the survey day.

In addition, we propose to deploy one self-contained water level sensor in Denniston Reservoir to measure drawdown response to diversions from Denniston Reservoir for 1-3 months. We anticipate these data may help refine preliminary estimates of surface and near-stream groundwater dynamics, including potentially, diversion practices of Cabrillo Farms.

Based on the planning criteria developed under Task 1, the investigations listed above, and approximations of governing coefficients, we will estimate the representative hydraulic properties of the shallow alluvial aquifer and use the representative hydraulic properties to select and evaluate potential alternatives.

***Assumptions:*** One day in the field for two Balance staff members.

***Deliverables:*** *Topographic and hydrologic data presented in the technical memorandum (Task 3)*

### **Task 3. Technical memorandum presenting the assessment of means of diversion on Denniston Creek**

Under this task we will use the preliminary planning criteria developed in Task 1 to guide focused development of up to 3 potential means of diversion for comparison to the existing diversion practice. We will discuss and compare the alternate means of diversion using criteria such as:

- Projected costs and timelines for developing designs and implementing construction;
- Estimates of operational costs and maintenance;
- reliability during very wet and very dry periods, based on standards for beneficial uses;
- resilience and simplicity, including ownership and regulatory conditions.

***Assumptions:*** We assume one round of comments from CCWD staff will be incorporated and the memo finalized under this task.

***Deliverable:*** Draft and final means of diversion evaluation report.

Mr. David Dickson, General Manager  
May 3, 2019  
Page 4

#### **Task 4. Project Management**

Under this task we have allocated time to manage the schedule and budget, provide monthly invoices, and meet with you via conference call 6 times over the course of the proposed project schedule (See next section) to discuss progress to you.

#### **SCHEDULE**

We will endeavor to schedule the installation of the self-contained water level sensor in the reservoir concurrently with the field survey day within two weeks of contracting. We anticipate completing the finalized technical memorandum prior to January 2020. We will endeavor to keep you abreast of potential delays in a timely manner.

#### **WHAT WE NEED FROM YOU**

We anticipate having frank and open conversations with CCWD staff regarding the planned demands and operational needs. Prior to meeting during Task 1, we would kindly request that the CCWD provide us with relevant materials relating CCWDs diversion practices, which may include but is not limited to:

- Detailed Denniston Creek diversion totalizer records, if available,
- successes and problems encountered during diverting water from Denniston Reservoir,
- record of sediment removal from Denniston Reservoir,
- diversion practice summary, yields, thresholds, successes, and challenges encountered at the Pilarcitos Well Field.

Mr. David Dickson, General Manager  
May 3, 2019  
Page 5

**CLOSING**

We very much appreciate the opportunity to assist you with this interesting and worthwhile investigation. You can reach us via email at [edonaldson@balancehydro.com](mailto:edonaldson@balancehydro.com) or by phone at (510) 704-1000 x210.

Sincerely,

BALANCE HYDROLOGICS, Inc.

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Eric Donaldson, P.G.  
Project Manager

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Barry Hecht, C.Hg., CEG  
Principal-in-charge

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Mark Woysner  
Hydrologist

Enclosures: Budget Tables 1 and 2

Table 1. Anticipated Staff Hours by Task  
**219157 CCWD Denniston Creek preliminary means of diversion evaluation**

Task Number and Description	Sr. Principal	Principal	Sr. Specialist	Senior Professional	Project Professional	Sr. Staff Professional	Staff Professional	Assistant Professional	Junior Professional	GIS/CADD Senior Analyst	GIS/CADD Analyst	GIS/CADD Assistant Analyst	Sr. Proj Admin	Sr. Report Specialist	Report Specialist	Hydrologic Tech	Labor Costs For Task
Hourly Rate	\$245	\$210	\$195	\$190	\$175	\$160	\$135	\$125	\$115	\$125	\$115	\$105	\$105	\$90	\$85	\$85	
Task 1. Backgrounding and preliminary design criteria	10		28		34		8							2			\$15,120
Task 2. Investigations	4		12		16		24										\$9,360
Task 3. Alternate means of diversion assessment and report	6		6		26		30			4				4			\$12,100
Task 4. Project management	4		4		10								8				\$4,350
<b>Subtotal Hours</b>	24		50		86		62			4			8	6			
<b>Total Hours</b>	<b>240</b>																

Notes:

**TOTAL LABOR \$40,930.00**  
**Expenses from Table 2 \$892.00**  
**Contingency from Table 2 \$4,182.20**  
**GRAND TOTAL \$46,004.20**

**Table 2. Estimated Costs**  
**219157 CCWD Denniston Creek preliminary means of diversion evaluation**

<b>Professional Fees</b>	<b>Rate</b>	<b>Hours</b>	<b>Allocation</b>
Sr. Principal	\$245	24	\$5,880.00
Principal	\$210	0	\$0.00
Senior Specialist	\$195	50	\$9,750.00
Senior Professional	\$190	0	\$0.00
Project Professional	\$175	86	\$15,050.00
Senior Staff Professional	\$160	0	\$0.00
Staff Professional	\$135	62	\$8,370.00
Assistant Professional	\$125	0	\$0.00
Junior Professional	\$115	0	\$0.00
GIS/CADD Senior Analyst	\$125	4	\$500.00
GIS/CADD Analyst	\$115	0	\$0.00
GIS/CADD Assistant Analyst	\$105	0	\$0.00
Senior Project Administrator	\$105	8	\$840.00
Senior Report Specialist	\$90	6	\$540.00
Report Specialist	\$85	0	\$0.00
Hydrologic Technician	\$85	0	\$0.00
<b>Labor Subtotal (Table 1)</b>			<b>\$40,930.00</b>
<b>Expenses</b>			
<b>Direct Expenses</b>			
Mileage	<b>300</b> miles @	\$0.64	\$192.00
Mileage, 4-Wheel Drive*	miles @	\$0.67	\$0.00
Vehicle Rental			\$0.00
Equipment Costs			\$600.00
Per Diems	@		\$0.00
<b>Reimbursable Costs</b>			
Other Travel, Subsistence	trips @		\$0.00
Express Mail, Deliveries			\$0.00
Maps and Aerial Photos			\$0.00
Outside Copying, Blueprint			\$0.00
Outside Consultants			\$0.00
Analytical Laboratory Fees			\$0.00
Materials and Supplies			\$100.00
Permits, Licenses or Agency Inspection fees	<i>client responsibility</i>		\$0.00
Printing <sup>+</sup>			\$0.00
Other			\$0.00
<b>Expenses Subtotal</b>			<b>\$892.00</b>
<b>ESTIMATED TOTAL</b>			<b>\$41,822.00</b>
<b>Contingency</b>			<b>\$4,182.20</b>
<b>TOTAL w/ CONTINGENCY</b>			<b>\$46,004.20</b>
<i>Notes</i>			

\* 4WD rates apply only if required by site conditions. See Balance policy re 4WD.

+Plotting costs vary according to complexity of design

Project-related expenses will be bill at cost plus 10%; including work by outside consultants and analytical or testing laboratories.

**STAFF REPORT**

**To: Coastside County Water District Board of Directors**

**From: Mary Rogren, Assistant General Manager**

**Agenda: May 14, 2019**

Report

Date: May 10, 2019

**Subject: Assistant General Manager's Report**

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**Recommendation:** none

**Background:**

At the April, 2019 Board meeting, Director Reynolds asked Staff to provide an update in future meetings regarding Governor Newsom's proposed statewide water tax, including ACWA's position. Newsom's budget trailer bill calls for the creation of a "safe and affordable drinking water fund" to assist disadvantaged communities in California who do not have access to safe drinking water. The proposed fund would be financed by requiring water utilities to charge a tax of \$0.95 on water bills.

The Governor's office, many of our legislators, and ACWA openly agree that action is needed to address the 300+ non-compliant community water systems that serve less than 500 connections and who are responsible for 90% of the water quality violations in California last year. And, taking action during the 2019 session in Sacramento appears to be a top priority. There are currently many competing bills in State Assembly and Senate Committees with a stated purpose of providing funding to address the lack of clean safe drinking water. (See the table below for some of the bills.)

ACWA and CMUA have sponsored SB669 (Caballero) which would provide for a "Safe Drinking Water Trust Fund." The Trust Fund would be financed from the General Fund surplus (estimated need of \$1.3 billion.) The investment proceeds would be utilized into perpetuity primarily to fund O&M as well as consolidation costs in order to bring non-compliant water systems into compliance. ACWA sees that funding via the General Fund is a progressive source of revenue, as higher income taxpayers would be contributing more, as opposed to the Governor's tax on water customers.

**STAFF REPORT****Agenda: May 10, 2019****Subject: AGM Report****Page 2**

Given the number of competing bills, it's still early in the session, and it's expected that there will be compromises. Below are other points to consider:

- Both the budget trailer bill and AB217 (Garcia) propose a water tax. AB217 would require every water utility to pay a fee calculated at \$.50 per connection per month.
- The trailer bill and AB217 also provide for fees on bulk fertilizer handlers and materials, and other agricultural fees. Such fees are not included in SB669.
- The competing bills to SB669 provide for funds to be used to assist private well owners and small water systems (under 15 connections) that are not regulated by the SWRCB. ACWA's position is that there needs to be a separate solution to address the private wells and small systems.

Please see the attached for a package of information provided at the ACWA conference this week.

<b>Newsom Budget Trailer Proposal</b>	Under State Water Board oversight, will allocate funding to safe drinking water projects in the state. Provides for tax on households and businesses: \$.95 to \$10/month depending on meter size (to be collected by the utility; customers at 200% of poverty level are exempt.) Also provides for fees on animal farmers, dairies and fertilizer sellers.
<b>AB217 (Garcia)</b>	Requires public water systems to remit a water "fee" - \$.50 <u>per month</u> per connection. Imposes fees on agricultural activities (including fees on non-dairy animal facilities; bulk fertilizer materials and handlers.) Also creates a Safe and Affordable Drinking Water Trust Fund using investments from General fund (\$200M per year for 5 years) to be administered by the State Water Board. Would allocate up to 20% of the safe drinking water funds back to the region of the state in which they were raised. Fund use is broad (capital and services); also includes use for small water systems (<15 connections) and private domestic well owners.
<b>SB200 (Monning)</b>	Co-author is Garcia. Establishes "The Safe and Affordable Drinking Water Fund" in the Treasury; Requires the SWRCB to develop and adopt an implementation plan. No funding mechanism is included in the plan.
<b>SB669 (Caballero) - Sponsored by ACWA</b>	Creates the Safe Drinking Water Trust Fund in the State Treasury funded with general fund dollars in surplus years. Net investment income would be used to fund O&M costs and consolidation costs in disadvantaged communities (that cannot be financed using existing state and federal drinking water sources.) Writers of bill noted that capital improvement costs can be addressed via other funds including Prop 1 dollars, so are not included as a fund use. As opposed to SB200, SB669 does not authorize funding to private domestic wells and water systems with less than 15 connections who are not regulated by SWRCB.
<b>AB134 (contingent upon passage of AB217)</b>	Bill Title: Safe Drinking Water Restoration. Requires 1)annual assessment of need for state financial assistance to provide safe drinking water; 2) requires SWRCB to adopt and provide for a sustainable plan for restoring safe drinking water to every failing system; 2) map of aquifers used as drinking water sources at high risk of contaminants; 3) SWCRB to ensure safe drinking water for new communities. Also, 4)Authorizes SWRCB to order consolidation.

*The above reflect information as of May 10, 2019. Note that the bills are currently in Committee and are subject to change.*

# SUPPORT SB 669 (CABALLERO) THE SAFE DRINKING WATER TRUST



March 21, 2019

## Facts on ACWA and CMUA Proposal for The Safe Drinking Water Trust

### A statewide water tax is not the right approach

ACWA and the California Municipal Utilities Association (CMUA) are sponsoring SB 669 (Caballero) to create The Safe Drinking Water Trust that will help community water systems in disadvantaged communities provide safe drinking water. The Trust would be funded with General Fund dollars during a state budget surplus year with the net income from the Trust creating a durable funding source.

This solution is a better alternative to the proposed statewide water tax, which would be highly problematic.

#### Why is there a need for safe drinking water funding in California?

- Most Californians have access to safe drinking water, but some disadvantaged communities do not
- Lack of access to safe drinking water is a public health issue the state must address
- A funding gap exists for operations & maintenance (O&M) costs for community water systems that treat water
- In general, O&M costs cannot be financed using existing state and federal drinking water funding sources
- In some situations, consolidation of a community water system may be the most effective solution
- A financial solution is needed for O&M and consolidation costs that can complement existing federal and state funding sources for capital costs

#### How would the ACWA/CMUA proposal for a Trust work?

- The Trust's principal would be initially financed with a one-time infusion of General Fund dollars during a budget surplus year
- There is a record budget surplus for the 2019-2020 Fiscal Year, which makes it the perfect time to create and fund the Trust
- Funding the Trust via the General Fund serves as a progressive source of revenue, as taxpayers with higher income would contribute more, while lower income taxpayers would contribute less

### **Why is a statewide water tax not the right approach?**

- It isn't sound policy to tax a resource that is essential to life
- A regressive statewide tax on local water bills is in conflict with keeping water affordable for all Californians
- It would be highly inefficient to require more than 3,000 local water agencies to serve as tax collectors for the state
- The combined local administrative costs would exceed the combined statewide water tax revenue collected with local water bills

To learn more about the Safe Drinking Water Trust proposal or the statewide water tax, please visit [www.acwa.com/trust](http://www.acwa.com/trust) or [www.watertaxfacts.org](http://www.watertaxfacts.org). You may also contact ACWA Deputy Executive Director for Government Relations [Cindy Tuck](#) at [\(916\) 441-4545](tel:(916)441-4545).



April 26, 2019

## Facts on Two 2019 Proposals for a Water Tax

Proposals to impose a state water tax are being advanced through AB 217 (E. Garcia) and a Newsom Administration budget trailer bill related to safe drinking water.

ACWA is committed to developing effective solutions and advancing alternative funding strategies to address this important public health and social issue.

### Background on Water Tax Proposals

- AB 217 would require public water systems to send a water tax to the State Water Resources Control Board based on a system's number of connections. The cost of that tax to the state would ultimately be passed along to households and businesses that purchase potable water from a public water agency.
- AB 217 uses the word "fee," but it would be a tax under Article XIII A of the California Constitution.
- AB 217 also proposes agricultural assessments similar to those proposed in Gov. Brown's proposed budget trailer bill language in 2018 and in the Newsom Administration's budget trailer bill language this year, a modified version of ACWA's proposed Safe Drinking Water Trust proposal, and a proposal to allocate up to 20 % of the safe drinking water funds back to the region of the state in which they were raised.
- The budget trailer bill language proposes that the state levy a monthly tax on water bills of households with incomes of greater than 200 percent of the federal poverty guideline and businesses which are customers of a community water system.
- For the budget trailer bill language, more than 3,000 local community water systems would serve as tax collectors for the state, incurring significant administrative and technology expenses associated with implementing new systems to collect the state water tax.
- Revenue generated from the tax would go through the State Water Board, which would allocate funding to safe drinking water projects in the state.
- If either AB 217 or the budget trailer bill language passed, it would set the precedent for a state water tax in California.

## Alternative Approach

ACWA believes that this important public health and social issue requires focused state leadership. An alternative funding solution for this state social issue is proposed through SB 669 authored by Sen. Anna M. Caballero (D-Salinas) and sponsored by ACWA and the California Municipal Utilities Association (CMUA). Highlights of SB 669:

- The bill would create the Safe Drinking Water Trust in the State Treasury.
- The Trust would be funded with general fund dollars during one or two state budget surplus years, such as the current budget year with its record budget surplus. How much funding is needed for the Trust and the scope of the use of the funding are being discussed in the legislative process.
- The General Fund would serve as a progressive source of revenue, as taxpayers with higher income would contribute more, while lower income taxpayers would contribute less
- Net income earned from the trust would be transferred to a Safe Drinking Water Fund, which the State Water Resources Control Board would administer and use to fund solutions in disadvantaged communities.
- This proposal is an alternative to the water tax proposals in AB 217 and the Newsom Administration's budget trailer bill language.

## More Information

Additional information about the proposed drinking water tax and SB 669 is available at [www.WaterTaxFacts.org](http://www.WaterTaxFacts.org) and [www.SafeDrinkingWaterTrust.org](http://www.SafeDrinkingWaterTrust.org).

*ACWA is a statewide association of public agencies whose more than 450 members are responsible for about 90% of the water delivered in California. For more information, visit [www.acwa.com](http://www.acwa.com).*

# OVERVIEW OF SB 669 (CABALLERO) ACWA / CMUA SPONSORED LEGISLATION TO CREATE THE SAFE DRINKING WATER TRUST



## OVERSIGHT AND ACCOUNTABILITY

**Safe Drinking Water Trust Commission**

Manages and reviews the principal and investments of the Trust

**State Water Resources Control Board**

**ANNUALLY**

- Reports on expenditures from Fund
- Adopts updated needs analysis
- Works with multi-stakeholder advisory group to identify priorities for the Fund
- Adopts annual Fund implementation plan

**AT LEAST EVERY FIVE YEARS**

- Conducts public review and assessment of Fund



## **MONTHLY REPORT**

**To:** David Dickson, General Manager  
**From:** James Derbin, Superintendent of Operations  
**Agenda:** May 14, 2019

### **Report**

**Date:** May 7, 2019

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### **Monthly Highlights**

- Replaced 7 hydrants:
  - HMB Motor Lodge
  - Corner of Garcia and Alsace Lorraine
  - 310 Granelli Ave.
  - 172 Miramontes Street
  - 173 Correas Ave.
  - Kelly Ave./Potter Ave.
  - 662 Potter Ave.
  - 448 Correas Ave.
  - Stanford Ave. in Princeton
    - Replaced 44 hydrants this FY
- Installed new 2" PRV Cla-Val at Santiago/Ventura PRV
- Installed ~150 new meter heads and MTUs to fire services, ~300 to go.
- Sean Donovan passed his D4 exam, Ryan Stoll passed his D2, Frank Lozano passed his D3
- Jack Whelen passed his CA/NV AWWA Backflow tester written and hands on exam
- DWTP ran at 900gpm from 4/13 to 5/1. This is a new daily/weekly production record for Denniston.

### **Sources of Supply**

- April Sources:
  - Denniston Reservoir/wells, Pilarcitos Lake

### **Projects**

- Bell Moon Pipeline Replacement will start in May
- Casa Del Mar PRV Project and the Ferdinand Pipeline Replacement Project bids in. Likely start in June on both projects.
- Working with Pakpour Consulting group on Alves Recoating project. 95% Specs/Plans are in with CCWD comments. 100% will be ready by end of May.
- Denniston tank Pax mixer installed

## STAFF REPORT

**To:** Board of Directors  
**From:** Cathleen Brennan, Water Resources Analyst  
**Agenda:** May 14, 2019

Report: May 7, 2019  
Subject: Water Resources Informational Report

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### 2020 Urban Water Management Plan Preparation

The Bay Area Water Supply and Conservation Agency (BAWSCA) kicked off the regional demand and conservation forecast project to support BAWSCA agencies with their 2020 Urban Water Management Plans.

The regional approach to demand and conservation projections supports BAWSCA's efforts in regional planning for long term reliable water supply strategies and with 28 BAWSCA agencies using the same model, methodology and consultant there is a cost savings.

Maddaus Water Management, Inc. (MWM) has assembled a project team that includes experts in regulations, software engineering, water conservation, water loss, econometrics, water data, and irrigation. Andree Johnson with BAWSCA and Michelle Maddaus with MWM are managing the project.

The 2020 Urban Water Management Plan is due to be submitted to the California Department of Water Resources (DWR) by July 1, 2021.

### Urban Water Management Plans

Urban Water Management Plans (UWMPs) are prepared by urban water suppliers every 5 years.

The requirements for UWMPs are found in 2 sections of California Water Code, [§10610-10656](#) and [§10608](#). Every urban water supplier that either provides over 3,000 acre-feet of water annually, or serves more than 3,000 urban connections is required to submit an UWMP.

The information collected from the submitted UWMPs is useful for local, regional, and statewide water planning.

DWR provides guidance for urban water suppliers by preparing an UWMP Guidebook, conducting workshops, developing tools, and providing program staff to help water suppliers prepare comprehensive and useful water management plans, implement water conservation programs, and understand the requirements in the California Water Code that regulate Urban Water Management Planning.

<https://water.ca.gov/Programs/Water-Use-And-Efficiency/Urban-Water-Use-Efficiency/Urban-Water-Management-Plans>