

COASTSIDE COUNTY WATER DISTRICT

766 MAIN STREET

HALF MOON BAY, CA 94019

REGULAR MEETING OF THE BOARD OF DIRECTORS

Tuesday, June 13, 2017 - 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.

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) **SPECIAL ORDER OF BUSINESS - FISCAL YEAR 2017-2018 BUDGET, FISCAL YEAR 2017/2018 TO 2026/27 CAPITAL IMPROVEMENT PROGRAM, RESOLUTION AMENDING THE RATE AND FEE SCHEDULE TO INCREASE WATER RATES, AND RESOLUTION AMENDING THE GENERAL REGULATIONS REGARDING WATER SERVICE**

Staff Presentations ([attachment](#))

- Fiscal Year 2017/18 Operations and Maintenance Budget
- Fiscal Year 2017/2018 to 2026/2027 Capital Improvement Program
- Proposed Amendment of Rate and Fee Schedule to Increase Water Base Charges by 0% and Consumption Quantity Charges up to 5%

Open Public Hearing ([attachment](#))

- Proposed Amendment of Rate and Fee Schedule to Increase Water Base Charges by 0% and Consumption Quantity Charges up to 5%

Close Public Hearing

Board Comments / Board Action ([attachment](#))

- Adoption of Resolution 2017-01 - A Resolution of the Board of Directors of the Coastside County Water District Amending the Rate and Fee Schedule to Increase Water Rates and Finding that the Amendments are Exempt From the California Environmental Quality Act
- Approval of [Fiscal Year 2017-2018 Operation and Maintenance Budget](#) and [Capital Improvement Program for Fiscal Year 2017/2018 to 2026/2027](#)

5) **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 May 31, 2017:
Claims: \$759,429.08; Payroll: \$90,766.22 for a total of \$850,195.30 ([attachment](#))
➤ *May 2017 Monthly Financial Claims reviewed and approved by Director Reynolds*
- B. Acceptance of Financial Reports ([attachment](#))
- C. Approval of Minutes of May 9, 2017 Special and Regular Board of Directors Meetings ([attachment](#))
- D. Monthly Water Transfer Report ([attachment](#))
- E. Installed Water Connection Capacity and Water Meters Report ([attachment](#))
- F. Total CCWD Production Report ([attachment](#))
- G. CCWD Monthly Sales by Category Report - May 2017 ([attachment](#))

- H. Monthly Emergency Main & Service Repairs Report and Water Line Flushing Report ([attachment](#))
- I. Monthly Rainfall Reports ([attachment](#))
- J. S.F.P.U.C. Hydrological Report for the month of April 2017 ([attachment](#))

6) MEETINGS ATTENDED / DIRECTOR COMMENTS

7) GENERAL BUSINESS

- A. Approve Salary Schedule with a Cost of Living Adjustment increase for FY 2017-2018 effective July 1, 2017 ([attachment](#))
- B. Resolution in Support of the Association of California Water Agencies' Policy Statement on Bay-Delta Flow Requirements ([attachment](#))
- C. California Special Districts Association (CSDA) - 2017 Board Election - Bay Area Network, Seat C and Seat A ([attachment](#))

8) MONTHLY INFORMATIONAL REPORTS

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

9) DIRECTOR AGENDA ITEMS - REQUESTS FOR FUTURE BOARD MEETINGS

10) CLOSED SESSION

Conference with Legal Counsel - Anticipated Litigation
Significant Exposure to Litigation
Pursuant to California Government Code Section §54956.9(d)(2)
One Potential Case

11) RECONVENE TO OPEN SESSION - Public report of closed session action.

12) ADJOURNMENT

STAFF REPORT

To: Coastside County Water District Board of Directors

From: Mary Rogren, Assistant General Manager

Agenda: June 13, 2017

Report

Date: June 9, 2017

Subject: Approval of Fiscal Year 2017/18 Operations and Maintenance Budget and Fiscal Year 2017/18 to 2026/27 Capital Improvement Program (CIP)

Recommendation:

Approve the Fiscal Year 2017/18 Operations and Maintenance Budget (Exhibit A) and Fiscal Year 2017/18 to 2026/27 Capital Improvement Program (Exhibit B.)

Background:

The Board was first introduced to a draft FY2017/18 Operations and Maintenance Budget and draft FY 2017/18 to 2026/27 CIP at the February 14, 2017 Regular Board Meeting. Since the February 14 meeting, the draft budget and CIP have been reviewed at the March, April, and May Regular Board meetings; at a special Budget Work Session with the Board (March 29, 2017); and at Finance and Facilities Committee meetings. (See Budget Calendar - Exhibit C.)

Staff will make a presentation reviewing budget details.

Operations and Maintenance Budget

Highlights:

Budget to Budget Comparison

- FY2017/18 budget assumes water sales at current levels of 560 MG, up from the 550 MG planned in the FY2016/17 Budget.
- FY2017/18 water purchases from SFPUC are \$471,000 less than the FY2016/17 budget due to an increased use of local sources. SFPUC is currently projecting 0% rate increase for FY2018.
- Total FY2017/18 Operating Expenses are \$540 above the FY2016/17 budget.

- The FY2017/18 budget also includes an additional \$179,000 for debt service for a new (2016) IBank loan.

\$10,805,600 is included in the water sales line in the draft FY2017/18 budget based on staff's proposed 3.9% revenue increase reflected in the Proposition 218 notice issued on April 19, 2017. The revenue amount may change based on the amount of the rate increase ultimately approved by the Board.

Capital Improvement Program (CIP)

- \$30,180,000 total 10 year CIP (FY2018 dollars)
- \$16,520,000 total 5 year CIP (average of \$3,304,000 per year)
- FY 2017/18 CIP = \$3,908,000. \$600,000 of the \$3,908,000 will be funded by remaining proceeds of an IBank loan, and the remaining \$3,308,000 will be funded via revenue and operating reserves.

Please note that due to the volume of paper, the individual detailed sheets for the Operations Budget and Capital Improvement Program are not included in this agenda packet. The individual detailed sheets are available in electronic form on the District's website at www.coastsidewater.org or hard copies may be obtained at the District's office.

STAFF REPORT

To: Coastside County Water District Board of Directors

From: Mary Rogren, Assistant General Manager

Agenda: June 13, 2017

Report

Date: June 9, 2017

Subject: Public Hearing to Consider Proposed Amendment of Rate and Fee Schedule to Increase Water Base Charges by 0% and Consumption Quantity Charges up to 5%; Consideration of Resolution 2017-01 Amending the Rate and Fee Schedule and finding that the amendments are exempt from the California Environmental Quality Act

Recommendation:

- 1) Conduct a public hearing on a proposed 0% increase on Water Base Charges and up to 5% on Water Consumption Quantity Charges to be effective July 1, 2017.
- 2) Adopt Resolution 2017-01 Amending the Rate and Fee Schedule and finding that the amendments are exempt from the California Environmental Quality Act (Exhibit F).

Background:

Financing Plan

The District utilizes a multi-year financing model (recently updated by the District's Rate Consultants, HF&H Consultants and considered to be an industry standard approach) to evaluate the impact of its rate increases on the financial reserves of the District. In a presentation to the Board, staff will review the model (Exhibit D) and HF&H's attached report, "Water Rate Update FY2017/18" (Exhibit E) which summarizes the series of proposed rate increases needed to fund District operating expenses and capital improvement program and to build and maintain an adequate level of reserves.

As discussed in last year's financing plan discussions and as recommended by HF&H, ideally, the District should target a Cash Reserve Balance at the beginning of the fiscal year to include:

- 25% of Operating Expenses (for ongoing cashflow requirements; equal to 1 ½ billing cycles; *approximately \$2.1M*); *plus*
- 100% of annual Debt Service payments (*\$1.1 Million*); *plus*

- 100% of the year's "Pay as you go" Capital Improvement Projects
(averages \$3.3M per year over next five years)

For a total of nearly \$6.5M in targeted cash reserves.

Although the District's projected cash reserves at the end of FY2016/17 (at \$4.6M) will still be \$1.9M short of the ideal target of \$6.5M, cash reserves will have increased approximately \$2M over the prior year-end cash balance primarily due to 1) financing a significant portion of its capital improvements with debt financing vs. from revenue during the year; 2) implementing a 10% rate increase on 7/1/2016; and 3) incurring operating expense savings, particularly given increased use of local water sources vs. purchasing water from the SFPUC.

Given the increase in cash reserves during FY 2016/17, and based on the draft FY2017/18 Operations Budget and draft FY2017/18 to FY2026/27 CIP, staff recommends a moderate increase of 5% on the consumption quantity charge and 0% on the base charge, *resulting in an overall increase in revenue of 3.9%*. The rate increase will result in a small dip in cash reserves in FY 2017/18 (given timing of capital spending between FY 2016/17 and FY2017/18) but should keep the District on course to continue to increase its cash reserve balances over the next five years.

Cost-of-Service Analysis

In developing the Fiscal Year 2015/2016 budget, the District retained HF&H Consultants to evaluate the District's rate structure and to develop cost-of-service-based rates which would comply with the substantive requirements of Proposition 218 as interpreted by the courts, including the April 2015 Appellate Court decision in Capistrano Taxpayers Association, Inc. v. City of San Juan Capistrano. Following recommendations in the HF&H analysis, detailed in a report dated May 8, 2015 and presented to the Board at its May 12, 2015 meeting, the District implemented significant changes to its rate structure that resulted in a realignment of the tier breakpoints to reflect service cost allocations among each of the four tiers. The revised rate structure went into effect July 1, 2015.

The District retained HF&H in 2016 in preparing the FY 2016/17 cost-of-service analysis and rate proposal, and again in 2017 in preparing the FY 2017/18 cost of service analysis and rate proposal. HF&H determined that the methodology and cost of service allocations used in the FY 2015/16 budget are still applicable. Therefore, staff proposes to apply the FY 2017/18 proposed 5% rate increase uniformly across the District's consumption quantity charges given:

- Budgeted FY 2017/18 operating expenses differ by only 2% from the expenses used as the basis for the FY 2015/16 cost-of-service analysis.
- The decline in water sales accounting since FY 2015/16 for the majority of the overall rate increase results from increased conservation across all District customer classes.
- Allocation of FY 2017/2018 capital cost funding resulting from the uniform rate increase would be consistent with the FY 2015/2016 cost-of-service analysis because the allocation factors have not changed significantly.

In addition, HF&H noted that “the District can hold its base charges where they currently are and remain compliant with Proposition 218 because the resulting charge is proportionate to the cost of providing service. By not increasing the base service charge and only increasing the quantity charge, cost recovery from the fixed charges shifts slightly to the variable charges without disproportionate effect on customer bills because all customers are treated equally.”

Proposition 218 Compliance

The District has complied with the public notice requirements of Proposition 218. Two ads detailing the proposed rate increase were placed in the April 26 and May 3, 2017 editions of the Half Moon Bay Review, and the notice was placed on the District’s website. Additionally the notice of the public hearing and proposed rate increase was mailed to all District customers on April 19, 2017.

The May 8, 2015 “Water Rate Structure Update”, cost of service analysis, May 17, 2016 Technical Memorandum “Water Rate Update – FY2016-17”, and the April 11, 2017 “Water Rate Update – FY2017-18” were prepared in compliance with the substantive requirements of Proposition 218. Revenues derived from the water rates do not exceed the funds required to provide the service for which the rates are charged, and the amounts of the rates imposed do not exceed the proportional cost of service attributable to the property. The recommended amendments to the Rate and Fee Schedule comply with the requirements of Proposition 218 as interpreted by the courts, including the *Capistrano Taxpayers Association, Inc. v. City of San Juan Capistrano* decision.

Proposition 218 specifies that the District may not adopt the proposed rate increase if written protests are received from a majority of owners of affected parcels, or approximately 3300 District customers. As of the date of this report, staff has received 62 letters regarding the proposed rate increase. Copies of these letters are attached as Exhibit G.

EXHIBITS

- A. Fiscal Year 2017/18 Operations and Maintenance Budget**
- B. Fiscal Year 2017/18 to 2026/27 Capital Improvement Program**
- C. Fiscal Year 2017/18 Budget Calendar**
- D. CCWD Financing Model**
- E. HF&F Consultants Report dated April 11, 2017 entitled “Water Rate Update – FY2017-18”**
- F. Resolution 2017-01 Amending the Rate and Fee Schedule to Increase Water Rates and Finding that the Amendments are exempt from the California Environmental Quality Act
E-2 Notice of Exemption**
- G. Protest Letters**

Operations & Maintenance Budget - FY 2017-2018

Account Number		Description	Proposed Budget FY 17/18	Approved FY 16/17 Budget	FY17/18 Budget Vs. FY 16/17 Budget \$ Change	FY17/18 Budget Vs. FY 16/17 Budget % Change	Proj Year End Actual FY 16/17	FY 17/18 Budget Vs. FY 16/17 Actual \$ Change	FY 17/18 Budget Vs. FY 16/17 Actual % Change	YTD Actual FY 16/17 as of April 30, 2017
OPERATING REVENUE										
4120		Water Sales (1)	\$10,805,600	\$10,266,127	\$539,473	5.3%	\$10,400,000	\$405,600	3.9%	\$8,520,465
Total Operating Revenue			\$10,805,600	\$10,266,127	\$539,473	5.3%	\$10,400,000	\$405,600	3.9%	\$8,520,465
NON-OPERATING REVENUE										
4170		Hydrant Sales	\$50,000	\$50,000	\$0	0.0%	\$55,000	-\$5,000	-9.1%	\$53,938
4180		Late Penalty	\$60,000	\$72,000	-\$12,000	-16.7%	\$60,000	\$0	0.0%	\$54,506
4230		Service Connections	\$10,000	\$10,000	\$0	0.0%	\$12,000	-\$2,000	-16.7%	\$13,185
4920		Interest Earned	\$6,174	\$3,070	\$3,104	101.1%	\$6,000	\$174	2.9%	\$5,245
4930		Property Taxes	\$700,000	\$600,000	\$100,000	16.7%	\$723,896	-\$23,896	-3.3%	\$723,896
4950		Miscellaneous	\$37,000	\$37,000	\$0	0.0%	\$114,482	-\$77,482	-67.7%	\$114,482
4955		Cell Site Lease Income	\$154,000	\$143,692	\$10,308	7.2%	\$150,000	\$4,000	2.7%	\$125,072
4965		ERAF Refund	\$250,000	\$200,000	\$50,000	25.0%	\$325,314	-\$75,314	-23.2%	\$325,314
Total Non-Operating Revenue			\$1,267,174	\$1,115,762	\$151,412	13.6%	\$1,446,692	-\$179,518	-12.4%	\$1,415,638
TOTAL REVENUES			\$12,072,774	\$11,381,889	\$690,885	6.1%	\$11,846,692	\$226,082	1.9%	\$9,936,103
OPERATING EXPENSES										
5130		Water Purchased	\$2,106,991	\$2,578,474	-\$471,483	-18.3%	\$2,260,000	-\$153,009	-6.8%	\$1,790,915
5230		Electrical Exp. Nunes WTP	\$40,280	\$31,270	\$9,010	28.8%	\$38,000	\$2,280	6.0%	\$28,175
5231		Electrical Expenses, CSP	\$318,000	\$325,420	-\$7,420	-2.3%	\$300,000	\$18,000	6.0%	\$208,294
5232		Electrical Expenses/Trans. & Dist.	\$25,440	\$18,020	\$7,420	41.2%	\$24,000	\$1,440	6.0%	\$17,741
5233		Elec Exp/Pilarcitos Cyn	\$32,309	\$26,000	\$6,309	24.3%	\$45,000	-\$12,691	-28.2%	\$40,577
5234		Electrical Exp., Denn	\$92,220	\$85,000	\$7,220	8.5%	\$90,000	\$2,220	2.5%	\$37,046
5242		CSP - Operation	\$10,500	\$10,500	\$0	0.0%	\$10,500	\$0	0.0%	\$7,931
5243		CSP - Maintenance	\$37,000	\$37,000	\$0	0.0%	\$37,000	\$0	0.0%	\$20,417
5246		Nunes WTP Oper	\$72,000	\$57,000	\$15,000	26.3%	\$70,000	\$2,000	2.9%	\$49,224
5247		Nunes WTP Maint	\$122,500	\$80,500	\$42,000	52.2%	\$85,000	\$37,500	44.1%	\$60,459
5248		Denn. WTP Oper.	\$34,500	\$35,000	-\$500	-1.4%	\$29,000	\$5,500	19.0%	\$18,953
5249		Denn WTP Maint	\$60,000	\$53,000	\$7,000	13.2%	\$70,000	-\$10,000	-14.3%	\$54,813
5250		Laboratory Expenses	\$53,000	\$53,000	\$0	0.0%	\$53,000	\$0	0.0%	\$40,878
5260		Maintenance Expenses	\$291,700	\$281,700	\$10,000	3.5%	\$281,700	\$10,000	3.5%	\$194,213
5261		Maintenance, Wells	\$40,000	\$50,000	-\$10,000	-20.0%	\$40,000	\$0	0.0%	\$10,980
5263		Uniforms	\$10,000	\$10,000	\$0	0.0%	\$10,000	\$0	0.0%	\$7,940
5318		Studies/Surveys/Consulting	\$160,000	\$150,000	\$10,000	6.7%	\$150,000	\$10,000	6.7%	\$93,442
5321		Water Resources	\$37,000	\$47,000	-\$10,000	-21.3%	\$25,000	\$12,000	48.0%	\$7,597
5322		Community Outreach	\$54,700	\$50,000	\$4,700	9.4%	\$50,000	\$4,700	9.4%	\$22,757
5381		Legal	\$110,000	\$60,000	\$50,000	83.3%	\$100,000	\$10,000	10.0%	\$63,508
5382		Engineering	\$100,000	\$14,000	\$86,000	614.3%	\$54,000	\$46,000	85.2%	\$20,513
5383		Financial Services	\$20,000	\$20,000	\$0	0.0%	\$18,000	\$2,000	11.1%	\$8,580
5384		Computer Services	\$144,800	\$125,300	\$19,500	15.6%	\$100,000	\$44,800	44.8%	\$92,593
5410		Salaries, Admin.	\$1,150,980	\$1,100,800	\$50,180	4.6%	\$960,000	\$190,980	19.9%	\$742,607
5411		Salaries - Field	\$1,266,081	\$1,217,375	\$48,706	4.0%	\$1,217,375	\$48,706	4.0%	\$1,005,506

Operations & Maintenance Budget - FY 2017-2018

Account Number	Description	Proposed Budget FY 17/18	FY17/18 Budget			Proj Year End	FY 17/18 Budget			YTD Actual FY 16/17 as of April 30, 2017
			Approved FY 16/17 Budget	Vs. FY 16/17 Budget \$ Change	Budget Vs. FY 16/17 Budget % Change		Vs. FY 16/17 Actual	Budget Vs. FY 16/17 Actual	Budget Vs. FY 16/17 Actual	
5420	Payroll Taxes	\$170,555	\$162,245	\$8,310	5.1%	\$150,000	\$20,555	13.7%	\$123,195	
5435	Employee Medical Insurance	\$447,056	\$412,904	\$34,152	8.3%	\$412,904	\$34,152	8.3%	\$329,381	
5436	Retiree Medical Insurance	\$47,215	\$59,976	-\$12,761	-21.3%	\$59,976	-\$12,761	-21.3%	\$39,221	
5440	Employee Retirement	\$544,380	\$508,257	\$36,123	7.1%	\$485,000	\$59,380	12.2%	\$375,755	
5445	SIP 401a Plan	\$35,000	\$33,000	\$2,000	6.1%	\$33,000	\$2,000	6.1%	\$0	
5510	Motor Vehicle Exp.	\$50,700	\$56,700	-\$6,000	-10.6%	\$50,000	\$700	1.4%	\$38,808	
5620	Office & Billing Expenses	\$225,500	\$170,775	\$54,725	32.0%	\$225,000	\$500	0.2%	\$182,423	
5625	Meetings/Training/Seminars	\$24,000	\$24,000	\$0	0.0%	\$24,000	\$0	0.0%	\$19,187	
5630	Insurance	\$120,000	\$120,000	\$0	0.0%	\$115,000	\$5,000	4.3%	\$98,697	
5687	Memberships & Subscriptions	\$75,350	\$74,000	\$1,350	1.8%	\$74,000	\$1,350	1.8%	\$59,863	
5688	Election Expense	\$0	\$0	\$0		\$0	\$0		\$0	
5689	Union Expenses	\$6,000	\$6,000	\$0	0.0%	\$6,000	\$0	0.0%	\$0	
5700	County Fees	\$20,000	\$19,000	\$1,000	5.3%	\$19,000	\$1,000	5.3%	\$11,242	
5705	State Fees	\$24,000	\$16,000	\$8,000	50.0%	\$40,000	-\$16,000	-40.0%	\$37,135	
Total Operating Expenses		\$8,179,756	\$8,179,216	\$540	0.0%	\$7,811,455	\$368,301	4.7%	\$5,960,566	
CAPITAL ACCOUNTS										
5712	Existing Bonds - 2006B	\$486,776	\$486,426	\$350	0.1%	\$486,360	\$416	0.1%	\$486,360	
5715	Existing Bond-CIEDB 11-099	\$336,269	\$336,409	-\$140	0.0%	\$336,409	-\$140	0.0%	\$336,409	
5716	CIEDB 16-111	\$324,652	\$145,203	\$179,449		\$145,203	\$179,449		\$145,203	
Total Capital Accounts		\$1,147,697	\$968,038	\$179,659	18.6%	\$967,972	\$179,725	18.6%	\$967,972	
TOTAL REVENUE LESS TOTAL EXPENSE		\$2,745,322	\$2,234,635	\$510,687	22.9%	\$3,067,265	-\$321,943	-10.5%	\$3,007,565	
5713	Cont. to CIP & Reserves	\$2,745,322								

Notes: (1) This draft budget includes the rate increase limit included in the Proposition 218 notice issued on April 19, 2017.

Project #	Project Name	Comments	FY 17/18	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	FY 17/18 to FY 26/27 Total
Equipment Purchase & Replacement													
06-03	SCADA/Telemetry/Electric Controls Replacement (<i>Backup Communications @ Cahill, PRV controls</i>)	\$50K added for each year	\$ 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	cost increase (from \$80K)			\$ 200,000								\$ 200,000
08-12	New Service Truck	cost increase (from \$200K)	\$ 250,000										\$ 250,000
15-04	Vactor Truck/Trailer	moved from FY18/19						\$ 500,000					\$ 500,000
99-02	Vehicle Replacement	added vehicle replacements	\$ 90,000	\$ 90,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 420,000
99-03	Computer Systems		\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 50,000
99-04	Office Equipment/Furniture		\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 30,000

Equipment Purchase & Replacement Totals			\$ 398,000	\$ 148,000	\$ 288,000	\$ 88,000	\$ 88,000	\$ 588,000	\$ 88,000	\$ 88,000	\$ 88,000	\$ 88,000	\$ 1,950,000
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Facilities & Maintenance

08-08	PRV Valves Replacement Project		\$ 30,000	\$ 30,000	\$ 30,000								\$ 90,000
09-07	Advanced Metering Infrastructure	moved up installation from FY18/19; added \$250K for contract installation in FY17/18; removed \$50K in FY19/20 and \$20K/yr from FY18/19 forward; net 5 year change = + \$160K	\$ 850,000										\$ 850,000
09-09	Fire Hydrant Replacement		\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 400,000
15-03	District Administration/Operations Center										\$ 3,000,000		\$ 3,000,000
16-07	Sample Station Replacement Project	moved up installation -- will complete over two years; previously budgeted at \$5K per year for 8 years	\$ 20,000	\$ 20,000									\$ 40,000
17-15	Pilarcitos Canyon Emergency Road Repairs	Permit for Feb 2017 storm repairs requires additional restoration work	\$ 100,000										\$ 100,000
99-01	Meter Change Program	moved up \$300K from FY 18/19	\$ 600,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 780,000

Facilities and Maintenance Totals			\$ 1,640,000	\$ 110,000	\$ 90,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 3,060,000	\$ 60,000	\$ 5,260,000
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Pipeline Projects

06-02	Highway 1 South Pipeline Replacement Project	moved up from FY 19/20; reduced cost \$800K	\$ 80,000	\$ 500,000									\$ 580,000
07-03	Pilarcitos Canyon Pipeline Replacement	moved up from FY 23/24 (interest from SFPUC) -- reduced cost \$400K	\$ 150,000	\$ 600,000									\$ 750,000
07-04	Bell Moon Pipeline Replacement Project							\$ 60,000	\$ 250,000				\$ 310,000
13-02	Replace 8 Inch Pipeline Under Creek at Pilarcitos Ave					\$ 400,000							\$ 400,000
14-01	Replace 12" Welded Steel Line on Hwy 92 with 8"		\$ 300,000			\$ 1,000,000	\$ 1,000,000	\$ 1,000,000					\$ 3,300,000
14-26	Replace 2" Pipe in Downtown Half Moon Bay	shifted from FY 16/17 - will go out to bid in April 2017 - plan is to complete in summer, 2017 (funds will be available from 2016/17 budget)	\$ 500,000										\$ 500,000
14-27	Grandview 2 Inch Replacement							\$ 450,000					\$ 450,000
14-28	Replace 2 Inch Hilltop Market to Spanishtown							\$ 240,000					\$ 240,000
14-29	Replace 2 Inch GS Purissima Way				\$ 125,000								\$ 125,000
14-30	Replace Miscellaneous 2 Inch GS El Granada				\$ 60,000								\$ 60,000
14-31	Ferdinand Avenue - Replace 4" WS Ferdinand Ave. to Columbus			\$ 225,000									\$ 225,000
14-32	Casa Del Mar - Replace Cast Iron Mains					\$ 1,000,000	\$ 1,000,000						\$ 2,000,000
14-33	Miramar Cast Iron Pipeline Replacement								\$ 500,000	\$ 1,000,000			\$ 1,500,000
16-09	Sipline 10 Inch Pipeline in Magellan at Hwy 1			\$ 100,000									\$ 100,000
18-01	Pine Willow Oak - 2400 feet	new				\$ 500,000							\$ 500,000
18-12	Installation of (2) Valves - Ritz Carlton	new - given April 2017 leak; valves will allow isolation of leaks in order to avoid shutting off service to the hotel	\$ 20,000										\$ 20,000
NN-00	Pipeline Replacement							\$ 1,050,000	\$ 750,000	\$ 500,000	\$ 1,500,000	\$ 1,500,000	\$ 3,800,000

Pipeline Projects Totals			\$ 1,050,000	\$ 1,425,000	\$ 185,000	\$ 1,000,000	\$ 2,900,000	\$ 2,000,000	\$ 1,800,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 14,860,000
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Pump Stations/Tanks/Wells

06-04	Hazen's Tank Replacement	moved from FY 16/17	\$ 30,000										\$ 30,000
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Project #	Project Name	Comments	FY 17/18	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	FY 17/18 to FY 26/27 Total
08-14	Alves Tank Recoating, Interior & Exterior	increased cost from \$600K	\$ 100,000	\$ 1,500,000									\$ 1,600,000
08-16	Cahill Tank Exterior Recoat	moved from FY 18/19 to FY 19/20			\$ 75,000								\$ 75,000
09-18	New Pilarcitos Well			\$ 150,000									\$ 150,000
11-02	CSPS Stainless Steel Inlet Valves	moved from FY 19/20 to FY 20/21			\$ 100,000								\$ 100,000
11-05	Half Moon Bay Tank #2 Interior & Exterior Recoat	moved from FY 17/18; increased cost from \$200K			\$ 20,000	\$ 400,000							\$ 420,000
11-06	Half Moon Bay Tank #3 Interior & Exterior Recoat	moved from FY 19/30; increased cost from \$200K					\$ 20,000	\$ 400,000					\$ 420,000
13-08	Crystal Springs Spare 350 HP Motor	cost increase of \$10K	\$ 60,000										\$ 60,000
16-08	New Denniston Well #2	moved from FY 17/18		\$ 100,000									\$ 100,000
18-02	CSP Air Relief Valves	new	\$ 40,000										\$ 40,000
18-03	CSP Spare 500 Pump Rehabilitation	new	\$ 30,000										\$ 30,000
18-04	CSP Fire System	new		\$ 40,000									\$ 40,000
18-05	Denniston Tank THM Control (Mixer & Blower)	new	\$ 80,000										\$ 80,000
18-06	CSP -- (3) Butterfly Valves	new		\$ 45,000									\$ 45,000
18-07	EG #2 Tank Chlorination System (Residual control system)	new	\$ 50,000										\$ 50,000
18-08	CSP Communications	new	\$ 50,000										\$ 50,000

Pump Stations/Tanks/Wells Totals \$ 440,000 \$ 1,835,000 \$ 195,000 \$ 400,000 \$ 20,000 \$ 400,000 \$ - \$ - \$ - \$ - \$ 3,290,000

Water Supply Development

12-12	San Vicente Diversion and Pipeline	moved out 1 year			\$ 300,000	\$ 1,000,000	\$ 1,000,000						\$ 2,300,000
13-04	Denniston Reservoir Restoration				\$ 1,000,000								\$ 1,000,000
17-12	Recycled Water Project Development		\$ 100,000										\$ 100,000

Water Supply Development Totals \$ 100,000 \$ - \$ 1,300,000 \$ 1,000,000 \$ 1,000,000 \$ - \$ - \$ - \$ - \$ 3,400,000

Water Treatment Plants

08-07	Nunes Filter Valve Replacement	cost increase (was \$30K/yr)		\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000					\$ 225,000
13-05	Denniston WTP Emergency Power	moved from FY 18/19							\$ 500,000				\$ 500,000
17-01	Nunes Water Treatment Plant Treated Water Meter	moved from FY 16/17			\$ 100,000								\$ 100,000
17-04	Denniston Dam Spillway Repairs		\$ 90,000										\$ 90,000
18-09	Denniston Heater	new	\$ 15,000										\$ 15,000
18-10	Nunes Treatment Plant Improvements - Study (Filter 5, Filter Coating, etc.)	new	\$ 100,000										\$ 100,000
18-11	Nunes Bulk Caustic Tank	new	\$ 40,000										\$ 40,000
99-05	Denniston Maintenance Dredging		\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 350,000

Water Treatment Plants Totals \$ 280,000 \$ 80,000 \$ 180,000 \$ 80,000 \$ 80,000 \$ 80,000 \$ 535,000 \$ 35,000 \$ 35,000 \$ 35,000 \$ 1,420,000

GRAND TOTAL \$ 3,908,000 \$ 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 \$ 30,180,000

MEMO - Prior CIP Difference \$ 1,968,000 \$ 3,293,000 \$ 3,898,000 \$ 2,188,000 \$ 2,588,000 \$ 2,308,000 \$ 2,718,000 \$ 1,620,000 \$ 4,615,000
\$ 1,940,000 \$ 305,000 \$ (1,660,000) \$ 440,000 \$ 1,560,000 \$ 820,000 \$ (235,000) \$ 63,000 \$ 68,000

5 year change \$ 2,585,000 5 year average \$ 3,304,000

Alves/other tank cost increases \$ 1,220,000
Moved up Pilarcitos Canyon \$ 750,000
Moved HMB 2" replacement from 16/17 \$ 500,000
AMI installation (net change) \$ 160,000
Hwy 1 S cost decrease \$ (800,000)
New projects/other \$ 755,000
\$ 2,585,000

EXHIBIT C

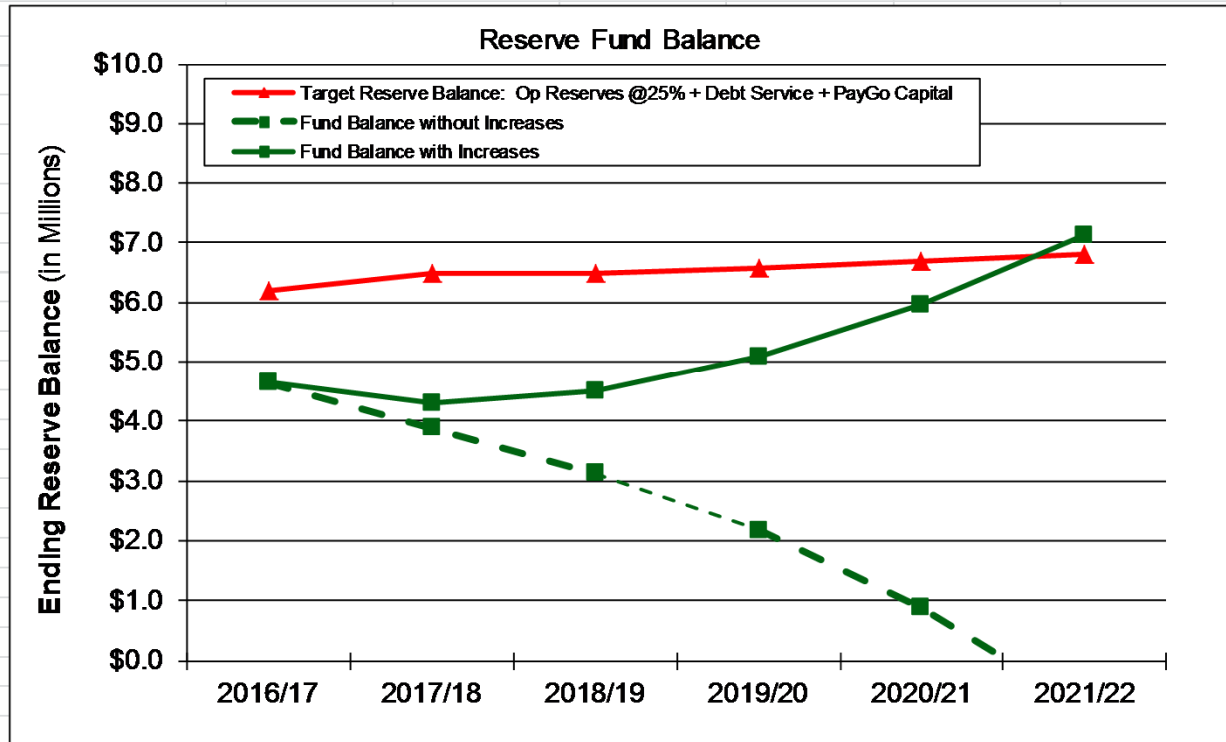
Coastside County Water District BUDGET (CIP and O&M) PROCESS TIMELINE Fiscal Year 2017-2018

Description	Date
Staff Internal Budget Review – Distribute O&M Budget Worksheets and Update CIP budget spreadsheet	January 2017
Facilities Committee Meeting – Introduction to CIP Budget Process/Timeline	January 4, 2017
Finance Committee Meeting - Introduction to Budget Process/Timeline	January 9, 2017
Present Budget Timeline for Board approval	January 10, 2017 Regular Board Meeting
Staff Internal Budget Review – Worksheets Due/Review CIP Budget	January 31, 2017
Finance Committee Meeting – Review Draft O&M Budget and CIP	February 8, 2017
Facilities Committee Meeting – Review Draft CIP Budget	February 9, 2017
Present “Draft” O&M Budget and CIP to Board of Directors at Board Meeting	February 14, 2017 Regular Board Meeting
Present “Draft” O&M Budget and CIP to Board of Directors at Board Meeting	March 14, 2017 Regular Board Meeting
Customer Outreach – Website – Posted on News and Public Notices Draft Budget and Finance Plan FY 2018	March 21, 2017
Customer Outreach – E-Newsletter – Shared with Facebook and Twitter Message: Public Meeting Schedule for Budget –Links to Operations Budget and CIP – Value of Water – Image of Infrastructure	March 27, 2017
Budget Work Session with Board of Directors	March 29, 2017 3:00 PM
Present “Draft” O&M Budget and CIP to Board of Directors at Board Meeting – Approve Notice of Rate Increase (Prop 218)	April 11, 2017 Regular Board Meeting
Mail Notice of Rate Increase (Prop 218) – Minimum 45-Day Notice Before Public Hearing and post Notice on Bulletin Board.	April 19, 2017
Prop 218 Notice published in the Half Moon Bay Review	April 26, 2017 & May 3, 2017

Customer Outreach – E-Newsletter Message: Understanding Budget and Proposed Rate Increase	May 5,2017
Present & Discuss “Draft” CIP and O&M Budget and Finance Plan	May 9, 2017 Regular Board Meeting
Rate Increase Hearing - Approve O&M Budget and CIP – Approve Rate Increase	June 13, 2017 Regular Board Meeting

EXHIBIT D - Financing Model

Coastside County Water District						
Water Rate Analysis		Approved				
Table 1. Summary		Budget	Projections			
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
		▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼
Base Charge Revenue Changes		%	5%	5%	5%	5%
		▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼
Quantity Charge Revenue Changes		5%	5%	5%	5%	5%



Note: model uses average CIP of \$3.3M per year



COASTSIDE COUNTY WATER DISTRICT WATER RATE UPDATE – FY 2017-18

April 11, 2017
Final Report



HF&H Consultants, LLC

COASTSIDE COUNTY WATER DISTRICT

766 Main Street
Half Moon Bay, CA 94019



WATER RATE UPDATE – FY 2017-18

April 11, 2017

HF&H CONSULTANTS, LLC

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April 11, 2017

Mr. David Dickson
General Manager
Coastside County Water District
766 Main Street
Half Moon Bay, California 94019

Subject: Water Rate Update - FY 2017-18

Dear Mr. Dickson:

HF&H is pleased to submit this water rate update of the Coastside County Water District's (District) FY 2017-18 rates. The report summarizes the analysis that was conducted to develop the proposed rates.

The District has demonstrated leadership in improving rate payer equity during a time when costs are increasing in compliance with regulatory mandates. It has been a privilege to assist the District with this step forward.

Very truly yours,

HF&H CONSULTANTS, LLC

John W. Farnkopf, P.E., Senior Vice President
Richard J. Simonson., Vice President

TABLE OF CONTENTS

SECTION 1. EXECUTIVE SUMMARY	1
1.1 Findings and Recommendations	1
SECTION 2. REVENUE REQUIREMENT PROJECTIONS.....	4
2.1 Operating and Capital Expense Projections	4
Operating Expenses	4
Capital Expenses.....	4
2.2. Reserve Funds	5
2.3 Total Revenue Requirements	6
2.4 Revenue Increases	7
SECTION 3. RATE MODIFICATIONS AND BILL IMPACTS	9
3.1 Current Rates.....	9
3.2 Rate Structure Modifications	10
3.3 Proposed FY 2017-18 Rates (effective July 1, 2017)	10
3.4 Residential Bill Comparison	11

TABLE OF FIGURES

Figure 1-1. FY 2017-18 Projected Operating Deficit.....	1
Figure 1-2. Current and Proposed Rates (effective 7/1/2017)	2
Figure 1-3. Annual Projected Rate and Revenue Increases	3
Figure 1-4. Projected Fund Balance at Year End.....	3
Figure 2-1. Capital Improvement Project Summary	5
Figure 2-2. Projected Revenue Requirements and Revenue at Current Rates	6
Figure 2-3. Revenue Increases.....	7
Figure 2-4. Projected Fund Balance at Year End.....	8
Figure 3-1. Current Base Service and Quantity Charges.....	9
Figure 3-2. Current and Proposed Rates (eff. 7/1/2017)	11
Figure 3-3. Residential Bill Comparison	12

ACRONYMS

FY	Fiscal Year
CCF or HCF	Hundred cubic feet of metered water sold; 748 gallons; a cube of water 4.6 feet on edge
EMU	Equivalent metered unit
GPD	Gallons per Day
GPCD	Gallons per Capita per Day
O&M	Operations and Maintenance
PAYGo	Pay-As-You-Go, in reference to funding capital improvements from cash rather than from borrowed sources of revenue
SFPUC	San Francisco Public Utilities Commission
SWRCB	State Water Resources Control Board

ACKNOWLEDGEMENTS

District Board

Glenn Reynolds, President
Bob Feldman, Vice President
Arnie Glassberg, Board Director
Ken Coverdell, Board Director
Chris Mickelsen, Board Director

District Staff

Dave Dickson, General Manager
Mary Rogren, Assistant General Manager

HF&H Consultants

John Farnkopf, Sr. Vice President
Rick Simonson, Vice President

LIMITATIONS

This document was prepared solely for Coastside County Water District in accordance with the contract between the District and HF&H and is not intended for use by any other party for any other purpose.

In preparing this analysis, we relied on information and instructions from the District, which we consider to be accurate and reliable and did not independently verify.

Rounding differences caused by stored values in electronic format may exist.

This document addresses relevant laws, regulations, and court decisions but should not be relied upon as legal advice. Questions concerning the interpretation of legal authorities referenced in this document should be referred to a qualified attorney.

SECTION 1. EXECUTIVE SUMMARY

In preparing this water rate update, expenses, revenues, and reserves were projected for a five-year financial planning period from FY 2017-18 through FY 2021-22, with the understanding that the Board will consider and potentially act on proposed rate increases for only the first year of the financial planning period, FY 2017-18. Based on these projections, annual rate increases (effective July 1 of each year through 2021) were derived to meet the funding requirements.

The following findings and recommendations were made.

1.1 Findings and Recommendations

1. **Projected FY 2017-18 Operating Shortfall.** The revenue from existing rates is insufficient to cover the District’s projected operating and capital needs. Without a rate increase, the \$773,018 projected operating deficit would reduce the District’s operating and capital reserve fund balance to \$3,867,498. In other words, an approximate 7.4% increase in revenue is required to avoid reducing the District’s fund balance.

Figure 1-1. FY 2017-18 Projected Operating Deficit

FY 2017-18	
Revenue Requirement	\$12,609,223
Non-Operating Revenue	(\$1,377,174)
Net Revenue Requirement	\$11,232,048
Revenue from Current Rates	\$10,459,030
Surplus/(Deficit)	(\$773,018) -7.4%
District Fund Balance	
Beginning Balance	\$4,640,516
Surplus/(Deficit)	(\$773,018)
EOY Fund Balance	\$3,867,498
<i>Target EOY Fund Balance</i>	<i>\$6,475,328</i>

2. **Recent Rate Increases.** As a result of increasing capital costs and decreasing revenue from decreasing water sales (the result of successful conservation efforts during the recent drought), the District needed to increase rates by double-digit figures in recent years, 24% in July 2015 and 10% in July 2016.

- 3. Proposed Rates (effective 7/1/2017).** Given the recent high rate increases and much improved local and imported water supply conditions, which has stabilized water demand (i.e., it is no longer decreasing), the District’s fund balance has increased. The increased fund balance can accommodate increasing rates something less than the 7.4% projected deficit. Working with District staff, we developed a financial plan that results in no increase in the base service charge and a 5% increase in the quantity charges, as shown in **Figure 1-2**.

Figure 1-2. Current and Proposed Rates (effective 7/1/2017)

Base Service Charge						
Meter Size	Bi-Monthly Billing			Monthly Billing		
	Current	Proposed	No Increase	Current	Proposed	No Increase
5/8"	\$52.20	\$52.20		\$26.10	\$26.10	
5/8" for 2 dwelling units	\$104.39	\$104.39		\$52.20	\$52.20	
3/4"	\$78.45	\$78.45		\$39.23	\$39.23	
3/4 inch for 2 dwelling units	\$156.89	\$156.89		\$78.45	\$78.45	
1"	\$130.76	\$130.76		\$65.38	\$65.38	
1.5"	\$252.52	\$252.52		\$126.26	\$126.26	
2"	\$418.48	\$418.48		\$209.24	\$209.24	
3"	\$915.50	\$915.50		\$457.75	\$457.75	
4"	\$3,139.22	\$3,139.22		\$1,569.61	\$1,569.61	

Quantity Charge						
Residential	HCF	Bi-Monthly Billing		HCF	Monthly Billing	
		Current	Proposed		Current	Proposed
			5% Increase			5% Increase
Tier 1	1 to 4	\$9.19	\$9.65	1 to 2	\$9.19	\$9.65
Tier 2	5 to 16	\$10.26	\$10.77	3 to 8	\$10.26	\$10.77
Tier 3	17 to 30	\$13.23	\$13.89	9 to 15	\$13.23	\$13.89
Tier 4	Over 30	\$17.53	\$18.41	Over 15	\$17.53	\$18.41
Non-Residential	per HCF	\$11.31	\$11.88	per HCF	\$11.31	\$11.88

- 3. Residential Bill Impact (effective 7/1/2017).** Increases in residential bills vary depending on the customer’s meter size and the amount of water use. The average residential customer has a 5/8” meter and uses 10 HCF during a bi-monthly period. The bill for using 10 HCF will increase \$4.90 for the bi-monthly period (or \$2.45 per month). If a customer uses less than 10 HCF, the bill impact will be less than \$2.45 per month and more if they use more than 10 HCF in a bi-monthly period.
- 4. Five-Year Financial Planning.** The proposed rates are part of a five-year projection, but the District is considering, and potentially acting on, only the rates to be effective July 1, 2017. **Figure 1-3** summarizes the projected rate

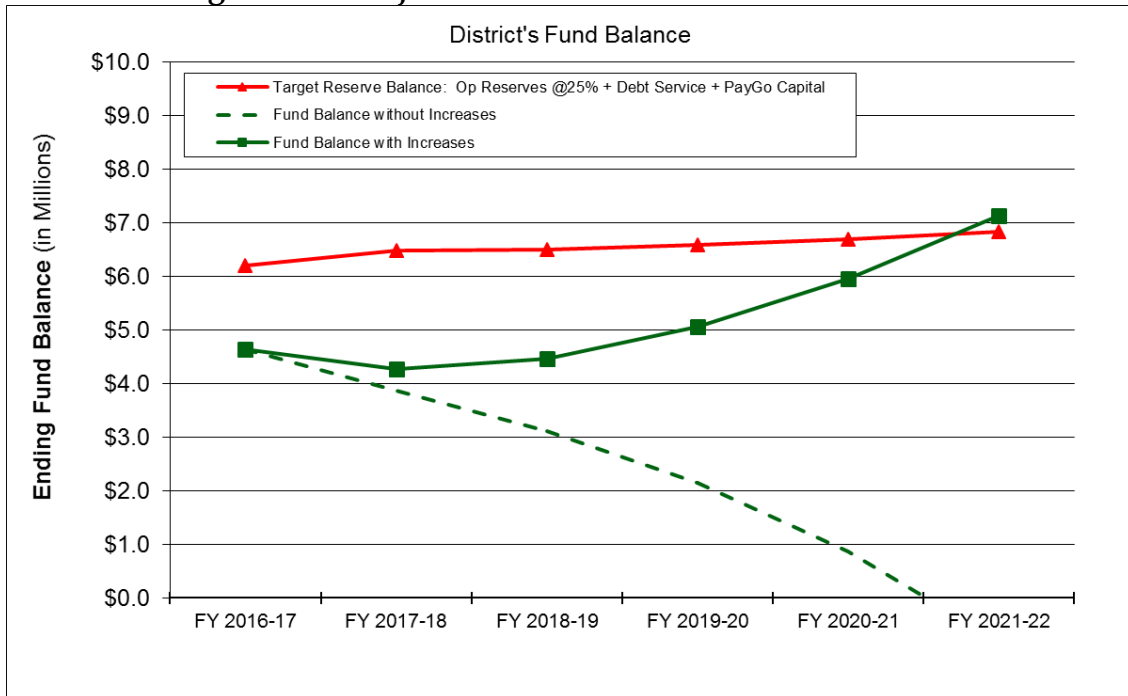
increases for the base and quantity charge over the full five-year planning period.

Figure 1-3. Annual Projected Rate and Revenue Increases

Date of Increase	Base Charge Increase	Quantity Charge Increase	Total Revenue Increase
July 1, 2017	0.0%	5.0%	3.9%
July 1, 2018	5.0%	5.0%	5.0%
July 1, 2019	5.0%	5.0%	5.0%
July 1, 2020	5.0%	5.0%	5.0%
July 1, 2021	5.0%	5.0%	5.0%

- Reserve Fund Balance (Figure 1-4).** With the recommended rate increases, in **Figure 1-3**, the District’s reserve fund balance (solid green line) will achieve the District’s reserve target (discussed in detail in **Section 2.2**) by FY 2021-22.

Figure 1-4. Projected Fund Balance at Year End



SECTION 2. REVENUE REQUIREMENT PROJECTIONS

To determine whether additional rate revenue is required, projected operating expenses, and capital expenses are compared with projected revenue from current rates. Annual surpluses and deficits are then applied to the reserve funds. Rates are then increased so that the expenses are covered and reserves are maintained.

2.1 Operating and Capital Expense Projections

The District's FY 2017-18 budget served as the basis for determining the operating and capital expense projections. The FY 2017-18 budgeted operating and maintenance (O&M) expenses were projected through FY 2020-21 using appropriate escalation factors. Capital expenses are projected based on the District's current capital improvement program. The operating and capital expense projections are noteworthy in the following respects:

Operating Expenses

O&M Expenses – General operating and maintenance expenses to operate the water system (i.e., salaries and benefits, utility costs, administrative support, etc.) are generally projected to increase during the planning period at the rate of inflation.

SFPUC water purchases – The cost to purchase water from the SFPUC is projected to decrease slightly in FY 2017-18 and FY 2018-19 as the District plans to increase the local water supply (i.e., Pilarcitos Well and Denniston project) which will reduce the need for water purchases from the SFPUC. In addition, the SFPUC wholesale cost of water is not expected to increase until July 1, 2019 based on recent financial analysis by the SFPUC.

Capital Expenses

Capital projects – The District's capital expenses are summarized by category in Figure 2-1. The District's annual budgeted capital expenditures range from \$2.1 million to \$4.2 million during the modeling period. On average, the District expects to spend approximately \$3.283 million annually on these projects. The District plans to fund these capital improvements on a pay-as-you-go (PAYGo) basis without issuing debt.

Debt service – Debt service is flat (approximately \$1.1 million per year) during the planning period as the District does not plan on issuing new debt to fund the capital projects.

Figure 2-1. Capital Improvement Project Summary

Category	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Equipment Purchase & Replacement	398,000	148,000	218,000	88,000	88,000
Facilities & Maintenance	1,525,000	95,000	95,000	65,000	65,000
Pipeline Projects	1,130,000	1,425,000	185,000	1,000,000	2,900,000
Pump Stations/Tanks/Wells	330,000	1,960,000	120,000	400,000	80,000
Water Supply Development	100,000	-	1,300,000	1,000,000	1,000,000
Water Treatment Plants	280,000	80,000	180,000	80,000	80,000
Total	\$3,763,000	\$3,708,000	\$2,098,000	\$2,633,000	\$4,213,000

2.2. Reserve Funds

In addition to covering annual expenses, base and quantity charges need to generate sufficient revenue to maintain adequate operating and capital reserves. It is the District’s practice to maintain a single operating and capital reserve fund. For purposes of rate making, we have subdivided the reserves into operating, capital, and debt service components. In this way, it is possible to set target balances for each component based on the components’ functions:

- Operating Reserve** – the Operating Reserve provides working capital for month-to-month operating expenditures. With sufficient working capital, the District can operate without cash flow constraints. At a minimum, we recommend an operating reserve that is based on how frequently customers are billed. This frequency establishes the lag between when the District incurs expenses and when it receives revenue from billings. The District currently bills nearly all of its customer’s bi-monthly. In most cases, a rule of thumb used by the California PUC is sufficient for determining the minimum working capital that is needed. The rule states that the allowance for working capital should equal 1.50 times the billing frequency. In the District’s case, this equals three months or 90 days, which is roughly 25% of annual operating revenue. As such, during this five-year planning period, the District’s target operating reserve ranges from \$2.0 to \$2.4 million, as operating costs increase each year.
- Capital Reserve** – the Capital Reserve provides working capital for the District’s capital improvement program. The fund balance needs to be sufficient to at least pay contractors without delays caused by cash flow limitations and can fund larger construction projects on a pay-as-you-go basis from rate revenue only¹, thereby eliminating financing costs. The fund balance can also be larger to provide a measure of self-insurance for emergencies. In the District’s case, we have recommended a capital reserve target of \$3,283,000, which is equal to the District’s average annual capital expenditures based on the PAYGo projects

¹ Projects funded from rate revenue are sometimes referred to as “pay-as-you-go” or “PAYGo” projects. By contrast, debt-funded projects are “pay-as-you-use” projects.

projected over the coming five years (as shown in **Figure 2-1**). This target also provides a buffer from debt service payments, which are highest in July.

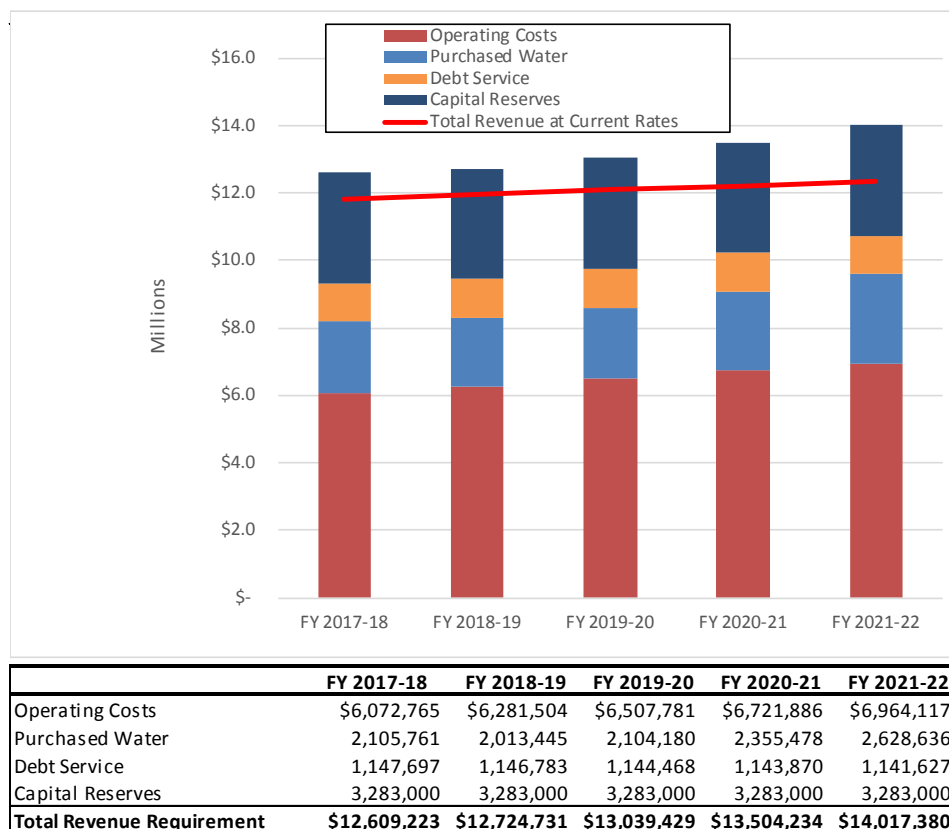
The target capital reserve does not include a margin for emergency contingencies. The District may want to consider an emergency contingency once the current capital reserve target is met, which is projected to occur in FY 2021-22.

- **Debt Service Reserve** – The purpose of a debt service reserve is to provide funding to avoid defaulting on the loan if the District failed to make a loan payment. We recommend maintaining a full year’s loan repayment. As such, the District’s target debt service reserve is \$1.1 million.

2.3 Total Revenue Requirements

The major expenses described above that comprise the revenue requirements are summarized and graphed in **Figure 2-2**. As shown in the graph, current revenues at current rates (solid red line)² are not sufficient to cover the projected revenue requirements.

Figure 2-2. Projected Revenue Requirements and Revenue at Current Rates



² Includes projected annual 1% rebound in water consumption by current customers (beginning FY 2018/19)

2.4 Revenue Increases

The top portion of **Figure 2-3** summarizes the projected revenue requirements (from **Figure 2-2**), revenue from current rates, annual surpluses and deficits, and the fund balance, all before rate increases.

The bottom portion of **Figure 2-3** shows the projected revenue increases to offset future deficits so that the District’s fund balance is maintained at an adequate level and reaches the target balance by the end of the five-year planning period. The revenue increases that are projected would become effective July 1 of each year. This coming year’s rate increase, which is the only rate increase which the District Board is considering, if adopted, will become effective July 1, 2017 and will increase revenue 3.9%. The magnitude of this increase compares favorably to recent increases, an average increase of 24% on July 1, 2015 and a 10% increase on July 1, 2016.

Figure 2-3. Revenue Increases

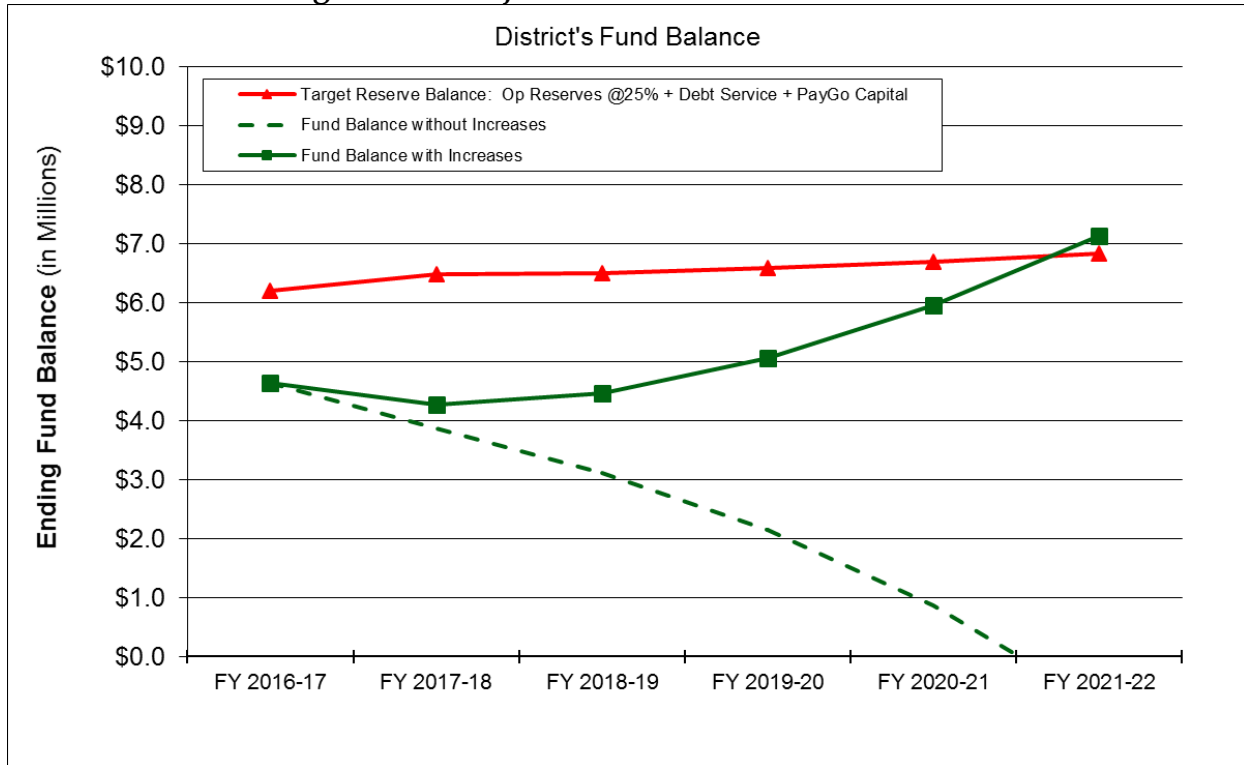
	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Revenue Requirement	\$12,609,223	\$12,724,731	\$13,039,429	\$13,504,234	\$14,017,380
Non-Operating Revenue	<u>(\$1,377,174)</u>	<u>(\$1,420,690)</u>	<u>(\$1,465,620)</u>	<u>(\$1,512,014)</u>	<u>(\$1,559,922)</u>
Net Revenue Requirement	\$11,232,048	\$11,304,042	\$11,573,809	\$11,992,220	\$12,457,459
Revenue from Current Rates [1]	\$10,459,030	\$10,540,353	\$10,622,489	\$10,705,447	\$10,789,234
Surplus/(Deficit) <u>without</u> Rate Increase	(\$773,018)	(\$763,689)	(\$951,320)	(\$1,286,773)	(\$1,668,225)
EOY Fund Balance (before increase)	\$3,867,498	\$3,103,809	\$2,152,490	\$865,716	(\$802,509)
Revenue Increase	3.9%	5.0%	5.0%	5.0%	5.0%
Revenue from Increases	\$406,614	\$958,232	\$1,546,108	\$2,172,416	\$2,839,458
Surplus/(Deficit) <u>with</u> Rate Increase <i>Transfer to/(from) Reserves</i>	(\$366,404)	\$194,543	\$594,788	\$885,643	\$1,171,232
EOY Fund Balance (after increase)	\$4,274,112	\$4,468,656	\$5,063,444	\$5,949,086	\$7,120,319
<i>Target EOY Fund Balance</i>	<i>\$6,204,618</i>	<i>\$6,475,328</i>	<i>\$6,503,520</i>	<i>\$6,580,458</i>	<i>\$6,696,211</i>

[1] Includes projected annual 1% rebound in water consumption by current customers (beginning FY 2018/19)

Figure 2-4 shows the combined fund balance for the Operating, Capital, and Debt Service Reserves compared with the target balance. The line labeled “Total Target Balance” (diamond symbols) is the sum of the target balances for the Operating, Capital, and Debt Service Reserves. The dashed green line shows what the fund balance would be without rate increases. The fund balance drops quickly and would be negative by FY 2021-22.

Figure 2-4 shows the fund balance (solid green line with square symbols) compared with the target balance. **Figure 2-4** indicates that the fund balance achieves the target balance by FY 2021-22, with the projected revenue increases.

Figure 2-4. Projected Fund Balance at Year End



SECTION 3. RATE MODIFICATIONS AND BILL IMPACTS

3.1 Current Rates

The District’s rate payers pay the sum of two charges for water service on a bi-monthly or monthly basis: a base service charge based on the size of the service connection plus a quantity charge based on metered water use during the billing period. The current rates are summarized in **Figure 3-1**.

Figure 3-1. Current Base Service and Quantity Charges

Base Service Charge				
Meter Size	<u>Bi-Monthly</u>		<u>Monthly</u>	
5/8"	\$52.20		\$26.10	
5/8" for 2 dwelling units	\$104.39		\$52.20	
3/4"	\$78.45		\$39.23	
3/4 inch for 2 dwelling units	\$156.89		\$78.45	
1"	\$130.76		\$65.38	
1.5"	\$252.52		\$126.26	
2"	\$418.48		\$209.24	
3"	\$915.50		\$457.75	
4"	\$3,139.22		\$1,569.61	
Quantity Charge				
	<u>Bi-Monthly</u>		<u>Monthly</u>	
	<u>HCF</u>	<u>\$/HCF</u>	<u>HCF</u>	<u>\$/HCF</u>
Residential				
Tier 1	1 to 4	\$9.19	1 to 2	\$9.19
Tier 2	5 to 16	\$10.26	3 to 8	\$10.26
Tier 3	17 to 30	\$13.23	9 to 15	\$13.23
Tier 4	Over 30	\$17.53	Over 15	\$17.53
Non-Residential	per HCF	\$11.31	per HCF	\$11.31

The base service charges are the same regardless of customer class. In other words, the base service charge for a meter of a given size is the same for all meters of that size regardless of which class of customer is served. The residential quantity charges are tiered and the non-residential quantity charge is a uniform, un-tiered rate.

Residential customers pay tiered consumption charges, also referred to as “increasing block rates.” The current residential increasing block rates comprise four tiers. Residential customers pay rates for successive ranges of consumption (tier or block). The rate in each tier increases as consumption increases in proportion to the increasing cost of serving higher levels of demand, which place burdens on the capacity of the

infrastructure as well as on the sources of supply. The total quantity charge is the sum of the consumption in each tier multiplied times the corresponding rate in each tier.

3.2 Rate Structure Modifications

In 2015, HF&H assisted the District in updating its rate structure by performing a cost-of-service analysis to ensure that its rates allocated costs to each customer class in proportion to each class' demand on the District's facilities. Within the residential class, the quantity charges were restructured to conform to the cost of providing service across the tiers.

This realignment should remain accurate for several years unless there are significant changes in the relative demands among customer classes or residential tiers, or changes in significant costs.

A review of the District's actual water use by customer class over the past couple years does not indicate a significant change; therefore, we do not recommend modifying the rate structure at this time.

The percentage increases that are recommended this year shall be applied equally, across-the-board to all meter sizes for the base service charges and applied equally, across-the-board to the quantity charges.

3.3 Proposed FY 2017-18 Rates (effective July 1, 2017)

As shown in **Figure 2-4**, to maintain the District's current reserve balance, revenues need to increase 7.3%, effective July 1, 2017. Though the District's reserve balance is not currently at the recommended target level, there are reserves available to increase revenues by 3.9% in FY 2017-18, instead of 7.3%.

The 3.9% increase in revenue can be achieved with a 5% increase in both residential and non-residential quantity charges and no increase in the base charges. Holding the base service charge at the current level benefits all customers regardless of class. The District can hold its base charges where they currently are and remain compliant with Proposition 218 because the resulting charge is proportionate to the cost of providing service. By not increasing the base service charge and only increasing the quantity charge, cost recovery from the fixed charges shifts slightly to the variable charges without disproportionate effect on customer bills because all customers are treated equally. The resulting bi-monthly and monthly rates for FY 2017-18, effective July 1, 2017, are shown in **Figure 3-2**.

Figure 3-2. Current and Proposed Rates (eff. 7/1/2017)

Base Service Charge						
<u>Meter Size</u>	<u>Bi-Monthly Billing</u>			<u>Monthly Billing</u>		
	<u>Current</u>	<u>Proposed</u>	No Increase	<u>Current</u>	<u>Proposed</u>	No Increase
5/8"	\$52.20	\$52.20		\$26.10	\$26.10	
5/8" for 2 dwelling units	\$104.39	\$104.39		\$52.20	\$52.20	
3/4"	\$78.45	\$78.45		\$39.23	\$39.23	
3/4 inch for 2 dwelling units	\$156.89	\$156.89		\$78.45	\$78.45	
1"	\$130.76	\$130.76		\$65.38	\$65.38	
1.5"	\$252.52	\$252.52		\$126.26	\$126.26	
2"	\$418.48	\$418.48		\$209.24	\$209.24	
3"	\$915.50	\$915.50		\$457.75	\$457.75	
4"	\$3,139.22	\$3,139.22		\$1,569.61	\$1,569.61	

Quantity Charge						
<u>Residential</u>	<u>HCF</u>	<u>Bi-Monthly Billing</u>		<u>Monthly Billing</u>		
		<u>Current</u>	<u>Proposed</u>	<u>HCF</u>	<u>Current</u>	<u>Proposed</u>
			5% Increase			5% Increase
Tier 1	1 to 4	\$9.19	\$9.65	1 to 2	\$9.19	\$9.65
Tier 2	5 to 16	\$10.26	\$10.77	3 to 8	\$10.26	\$10.77
Tier 3	17 to 30	\$13.23	\$13.89	9 to 15	\$13.23	\$13.89
Tier 4	Over 30	\$17.53	\$18.41	Over 15	\$17.53	\$18.41
Non-Residential	per HCF	\$11.31	\$11.88	per HCF	\$11.31	\$11.88

3.4 Residential Bill Comparison

Figure 3-3 compares the residential customer bills for the current and proposed rates across a range of consumption. The bills include both the base service charge (assuming a 5/8" meter)³ and the quantity charges. An average residential customer uses 10 HCF during a bi-monthly period. Comparing the current bill and proposed bill for using 10 HCF, shows the average bill will increase \$4.90 for the bi-monthly period (or \$2.45 per month).

³ 96% of residential customers have a 5/8" meter

Figure 3-3. Residential Bill Comparison

Tier	Bi-Monthly Water Use		Bi-Monthly Bills (5/8" Service)		\$ Difference
	HCF	Gal/Day	Current	Proposed 7/1/2017	
Tier 1	0	0	\$52.20	\$52.20	\$0.00
	1	12	\$61.39	\$61.85	\$0.46
	2	25	\$70.58	\$71.50	\$0.92
	3	37	\$79.77	\$81.15	\$1.38
	4	50	\$88.96	\$90.80	\$1.84
Tier 2	5	62	\$99.22	\$101.57	\$2.35
	6	75	\$109.48	\$112.34	\$2.86
	7	87	\$119.74	\$123.11	\$3.37
	8	100	\$130.00	\$133.88	\$3.88
	9	112	\$140.26	\$144.65	\$4.39
	10	125	\$150.52	\$155.42	\$4.90
	11	137	\$160.78	\$166.19	\$5.41
	12	150	\$171.04	\$176.96	\$5.92
	13	162	\$181.30	\$187.73	\$6.43
	14	175	\$191.56	\$198.50	\$6.94
	15	187	\$201.82	\$209.27	\$7.45
	16	199	\$212.08	\$220.04	\$7.96
	Tier 3	17	212	\$225.31	\$233.93
18		224	\$238.54	\$247.82	\$9.28
19		237	\$251.77	\$261.71	\$9.94
20		249	\$265.00	\$275.60	\$10.60
21		262	\$278.23	\$289.49	\$11.26
22		274	\$291.46	\$303.38	\$11.92
23		287	\$304.69	\$317.27	\$12.58
24		299	\$317.92	\$331.16	\$13.24
25		312	\$331.15	\$345.05	\$13.90
26		324	\$344.38	\$358.94	\$14.56
27		337	\$357.61	\$372.83	\$15.22
28		349	\$370.84	\$386.72	\$15.88
29		362	\$384.07	\$400.61	\$16.54
30		374	\$397.30	\$414.50	\$17.20
Tier 4	31	386	\$414.83	\$432.91	\$18.08
	32	399	\$432.36	\$451.32	\$18.96
	33	411	\$449.89	\$469.73	\$19.84
	34	424	\$467.42	\$488.14	\$20.72
	35	436	\$484.95	\$506.55	\$21.60
	36	449	\$502.48	\$524.96	\$22.48
	37	461	\$520.01	\$543.37	\$23.36
	38	474	\$537.54	\$561.78	\$24.24
	39	486	\$555.07	\$580.19	\$25.12
	40	499	\$572.60	\$598.60	\$26.00



HF&H Consultants, LLC
201 N. Civic Drive, Suite 230
Walnut Creek, CA 94596

EXHIBIT F

RESOLUTION NO. 2017-01

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE COASTSIDE COUNTY WATER DISTRICT
AMENDING THE RATE AND FEE SCHEDULE
TO INCREASE WATER RATES AND FINDING THAT THE AMENDMENTS ARE
EXEMPT FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT**

THIS RESOLUTION IS ADOPTED with reference to the following facts and circumstances which are found and declared by the Board of Directors:

1. The General Manager and Finance Committee, during consideration and preparation of the budget for Fiscal Year 2017-2018, determined that financing the District's operating expenses, debt service, and capital improvement program, as well as maintaining the District's existing reserve levels, will require an increase in water rates. California Water Code Section 31007 authorizes the District to establish rates and charges to yield an amount sufficient to pay operating expenses, to provide for repairs and depreciation of works owned and operated by the District, to pay interest on bonded debt, and to provide a fund to pay principal on bonded debt.

2. The District's financial consultant, HF&H Consultants, LLC., prepared a "Water Rate Structure Update" dated May 8, 2015 that analyzed the District's Fiscal Year 2015/2016 revenue requirements based upon a cost of service analysis, provided a recommendation for increasing the water rates and re-alignment of the tiers, and established a rationale for the increased charges. The revised rate structure went into effect July 1, 2015. Subsequently, HF&H Consultants issued a Technical Memorandum dated May 17, 2016 entitled "Water Rate Update - FY 2016/2017", and a report entitled "Water Rate Update FY 2017/2018" dated April 11, 2017, both which update their findings since the Fiscal Year 2015/2016 "Water Rate Structure Update" dated May 8, 2015. In its Water Rate Updates subsequent to the May 8, 2015 report, HF&H Consultants determined that the methodology for the cost of service analysis and corresponding allocations remain applicable, and the proposed rate increase to meet the District's revenue requirements can be applied uniformly to the consumption quantity charges. In addition, HF&H noted that the District can hold its base charges where they currently are because the resulting charge is proportionate to the cost of providing service. District staff prepared a staff report and presentation for the April 11, 2017 and the May 9, 2017 Board of Directors meetings that summarize HF&H Consultant's analysis, reviewed the District's financing model, and evaluated the District's reserves and proposed reserve target levels. The Water Rate Structure Update dated May 8, 2015, the Technical Memorandum dated May 17, 2016, and the Water Rate Update Report dated April 11, 2017, staff reports, and staff presentations are incorporated into this Resolution by this reference.

3. The Board has considered the May 8, 2015 Water Rate Structure Update, May 17, 2016 Technical Memorandum, and April 11, 2017 Water Rate Update Report in light of the proposed Fiscal Year 2017-2018 budget and Fiscal Years 2017/18 to 2026/27 Capital Improvement Program and determined that the projects identified are important for the safe and efficient operation of the District's water system and to preserve and improve the reliability of the water system. The proposed Budget and Capital Improvement Program have been discussed at several Board meetings and have been available to the public since February 14, 2017 and by this reference are incorporated into this resolution.

4. The anticipated increases in expenses are attributable to a number of factors including but not limited to, payment of capital project costs, debt service for financing of necessary capital improvements and replacement of aging facilities, higher costs for personnel, materials and services.

5. On April 11, 2017, the Board of Directors at its regular Board meeting evaluated the proposed modifications to the District's Rate and Fee Schedule and set a public hearing for June 13, 2017 to consider the modifications to the District's Rate and Fee Schedule.

6. The District prepared a notice that described the amounts, the basis for calculating, and the reasons for the increased rates and charges, and identified the date, time, and location for the public hearing on the increased rates and charges, and the procedures for submitting a protest. The District mailed the written notice to the property owners and customers in the District at least 45 days before the date of the public hearing.

7. The Board considered its options at a public hearing at which the specific rate proposal enacted herein was addressed. Notice of the public hearing was provided to each parcel subject to the proposed rate increase. Notice of the public hearing was also advertised in the April 26, 2017 and May 3, 2017 editions of the Half Moon Bay Review newspaper. Additionally, the notice was placed on the District's website. At the public hearing, the Board of Directors considered all protests against the proposed rate modification, and written protests against the proposed rate increase were not presented by a majority of owners of the parcels subject to the proposed rate increase.

8. After discussion and consideration of the comments received before and at the public hearing, the Board finds the rates hereinafter set forth to be reasonable and required for the proper operation of the District.

9. The Board further finds that the amendments to the Rate and Fee Schedule and the amount of the rates hereinafter set forth does not exceed the amount of the estimated costs required to provide the services for which the rates are levied.

10. The Board further finds that the increases in rates effected by this Resolution are reasonable and required for the proper operation of the District, and are exempt from the California Environmental Quality Act, pursuant to Section 21080(b)(8) of the Public Resources

Code, because they are for the purposes of (1) meeting operating expenses, (2) purchasing or leasing supplies, equipment and materials, (3) meeting financial reserve requirements, and (4) obtaining funds for capital projects necessary to maintain service within existing service areas. The analysis in this Resolution and the documents incorporated into this Resolution by reference justify that the modifications to the rates and charges are for the purposes set forth in section 21080(b)(8).

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Coastside County Water District as follows:

1. Section 1.B, Quantity Charge, of the Rate and Fee Schedule is hereby amended to read as follows:

“B. QUANTITY CHARGE

In addition to the base charge set forth in Section 1A, the following quantity charges shall be paid per one hundred cubic feet (hcf) of water delivered:

1. Residential Customers

Quantity Delivered (During Bi-Monthly Billing Period)	Bi-Monthly Water Consumption Charge per hcf	Quantity Delivered (During Monthly Billing Period)	Monthly Water Consumption Charge per hcf
1 - 4 hcf	\$9.65	1 - 2 hcf	\$9.65
5 - 16 hcf	\$10.77	3 - 8 hcf	\$10.77
17 - 30 hcf	\$13.89	9 - 15 hcf	\$13.89
31 or more hcf	\$18.41	16 or more hcf	\$18.41

2. All Other Customers: \$11.88 per hcf

3. Definition of Residential Customers: For purposes of Section 1, Residential Customers are single family homes, duplexes, condominiums, townhouses and all apartment buildings with individual meters for separate residential dwelling units. Apartment houses with a single "master meter" measuring consumption within multiple dwelling units are not "Residential Customers" for purposes of this Section 1.

2. Section 3.D, Portable Meters, of the Rate and Fee Schedule, is hereby amended to read as follows:

“D. PORTABLE METERS

Customers requesting water service through portable meters shall pay:

1. a *deposit* in an amount, as estimated by the General Manager, equal to the replacement cost of the meter;
 2. a *monthly rental charge* of \$100.00
 3. a *consumption charge* of \$11.88 per hcf of water delivered.
-
3. This Resolution shall be effective for water delivered and services provided on or after July 1, 2017, and any billing for the current billing cycle that includes water delivered before the effective date shall be pro-rated.
 4. The General Manager shall arrange for the Rate and Fee Schedule to be re-codified to incorporate the changes effected by this Resolution.
 5. The General Manager is directed to file a Notice of Exemption with the County Clerk and to take such other actions as may be necessary to give effect to this Resolution.

PASSED AND ADOPTED THIS 13th day of June, 2017, by the following vote of the Board:

AYES:

NOES:

ABSENT:

Glenn Reynolds, President
Board of Directors

ATTEST:

David R. Dickson, General Manager
Secretary of the District

NOTICE OF EXEMPTION
COASTSIDE COUNTY WATER DISTRICT

TO: San Mateo County
Assessor-County Clerk-Recorder
555 County Center, 1st Floor
Redwood City, CA 94063-1665

FROM: Coastside County Water District
766 Main Street
Half Moon Bay, California 94019

PROJECT TITLE: Increase of Certain District Rates and Fees

PROJECT LOCATION: Throughout the service area of the Coastside County Water District, which is within the City of Half Moon Bay and certain areas of unincorporated San Mateo County.

DESCRIPTION OF NATURE, PURPOSE AND BENEFICIARIES OF PROJECT:

The nature of the project is to amend and increase certain District rates and fees. The purpose of the project is to generate revenue for the purposes listed below. The beneficiaries of the project are the customers of the District.

NAME OF PUBLIC AGENCY APPROVING PROJECT: Coastside County Water District.

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT: Coastside County Water District.

EXEMPT STATUS: (Check One)

- Statutory Exemption (Public Resources Code Section 21080(b)(8)) – Meeting operating expenses; purchasing or leasing supplies, equipment or materials; meeting financial reserve needs and requirements; obtaining funds for capital projects necessary to maintain services within existing service areas.
- Ministerial (Sec. 15073)
- Declared Emergency (Sec. 15071 (a))
- Emergency Project (Sec. 15071 (b) and (c))
- Categorical Exemption (State Type and Section Number :)
- No possible significant effect on the environment (Sec. 15060)

REASON WHY PROJECT IS EXEMPT:

The project is exempt because the District’s consultant, HF&H Consultants, LLC., prepared a Water Rate Structure Update, dated May 8, 2015, and subsequently updated on May 17, 2016 in a Technical Memorandum “Water Rate Update – FY2016-2017”, and again on April 11, 2017 in a report “Water Rate Update – FY2017-2018” and determined that certain rates and fees should be increased in order for the District (1) to meet its operating expenses; (2) to purchase or lease supplies, equipment, and materials; (3) to meet financial reserve needs and

requirements; and (4) to obtain funds for capital projects necessary to maintain service within the existing service area. The HF&H Consultants Water Rate Structure Update (dated May 8, 2015), Water Rate Update FY2016-2017 (dated May 17, 2016), and Water Rate Update FY2017-2018 are available at the District. The District considered the Water Rate Structure Update and subsequent Water Rate Updates in light of the District's budget and Capital Improvement Program and determined that all projects are necessary for the safe and efficient operation of the District's water system and to preserve and improve water system reliability. The District's budget and capital improvement program are available at the District. All projects to be funded by the increased rates and fees are to maintain the existing water service provided within the District's service area.

Contact Person

Area Code

Telephone

David R. Dickson

(650)

726-4405

Date: June 13, 2017

David R. Dickson, General Manager

EXHIBIT G

Proposition 218 Protest Letters

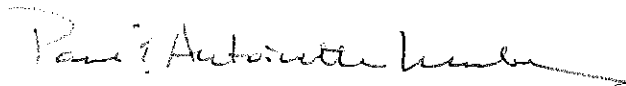
(Received as of 6/8/2017)

Letter of Opposition to Water Rate Increase

Water is an essential part of our lives. It isn't a discretionary frill. We need it to live and as such it should not be subject to the normal market forces of profit and loss or the whims of a monopoly such as the CCWD.

Since we are not all equally able to bear an increase in water rates, a fee structure should be in place to recognize that. For instance, customers with low incomes and elderly customers on fixed retirement income (or receiving social security) should have a much lower fixed rate than those more affluent. For those at-risk customers, the rates should be decreasing, not increasing.

We customers at 13 Pinehurst Lane, Half Moon Bay strongly oppose an increase in across-the-board water rates in our community.



Paul and Antoinette Wrubel
13 Pinehurst Lane
Half Moon Bay, CA 94019

RECEIVED

JUN 27 2017

COASTSIDE COUNTY
WATER DISTRICT

Arnie Glassberg, President of the CCWD Board of Directors
 Glenn Reynolds, Vice President
 Ken Coverdell, Director
 Chris Mickelsen, Director
 Bob Feldman, Director

RECEIVED
 JUN 05 2017
 COASTSIDE COUNTY
 WATER DISTRICT


cc: Mary Rogren

We, the residents of Lesley Gardens, 701 Arnold Way, Half Moon Bay, have signed this petition to protest the increase in the water rates to be decided upon on June 13, 2017. We are extremely low income senior citizens who have had a very difficult time paying the 10% increase in the water rates imposed on us last year. We are concerned that this new increase represents a trend of acceptance that it is okay to impose increases in the water rates every year.

We respectfully ask you to reconsider imposing any increase in the water rates in June.

	NAME	APT. #	DATE
1	zhao mei	9D	4/5/17
2	caiyun tong	10D	4/5/17
3	J. Hollett	109A	5/4/17
4	TOROS J. EHELIAN	213A	5/4/17
5	Kathy Baroff	5D	5/4/17
6	Sharon Coster	12D	4/5/17
7	Linda Case	4D	5/5/17
8	Raymond Atkins	114-A	5/5/17
9	Pharon Wilson	57-52B	5/5/17
10	Oren E. Wilson	2B	5/5/17
11	Sharon Kablitz	3D	5-5-17
12	Craig R. Lavayse	219-A	5-5-17
13	W.M. ALPHEA	203A	5/5/17
14	Ann Kluge	115-A	5-6-17
15	Alexa Kerner	14-D	5-6-17
16	Shivameen	8B	5-6-17
17	M. Jalilian 209	209	5-6-17
18	Mania Rodriguez	108A	5.6.17

	NAME	APT. #	DATE
19	Kathryn B. [unclear]	7-D	5/6/17
20	Susan Schuman	217A	5-7-17
21	Jean M. Herken	701A 202	5-8-17
22	M. McCull	3B	5-9-17
23	Rosilio Real	106A	5-9-17
24	Emerensiana Redf	106A	5-9-17
25	Leslie Ross	111	5.9.2017
26	Jean-pierre COSSINAT	204g	5-9-17
27	Rosemary Treussler	2B	5-9-17
28	Sally Dyer	6B	5-10-17
29	Alice Vargas	5C	5-10-17
30	M. Jallian 209		
31	Rehe W. MAA	207g	5-11-17
32	Richard Neal	205a	5-11-17
33	Antonio Diaz	112A	5-11-17
34	Urbah M. Madet	113A	5-11-17
35	Bernard Lueder	7-B	5-11-17
36	Meg Redden	111A	5-12-17
37	Guadalupe Virgen	4C	
38	Linda Evans	214A	5-12-17
39	Sakaya Zokael	A17	1/10
40	Sharon Carroll	8D	5/12/17
41	Mary Lou Haber	102A	5/12/17
42	Robert Opriano	6D	5/13/17
43	B. Lund	2D	5/14/17
44	Maria Acosta	1D	5-15-17 #208A
45	Clara Jacquan	208	5-15-17
46	Sharon M. Ruhlend	9B	5-18-17
47	[unclear]	14D	5-18-17



	NAME	APT. #	DATE
48	Sharon Carroll	80	5/23/17
49			
50			
51			
52			
53			
54			
55			

Protest

RECEIVED

JUN -5 2017

COASTSIDE COUNTY
WATER DISTRICT

6/4/17

I am opposed to Coastside Co.
Water Dist. raising my rates
AGAIN. This would be a 3rd
rate increase in a period that I
have not received a single pay
increase.

Shirley Moorhouse

Shirley Moorhouse

755 Vasques Dr.

Half Moon Bay, CA 94019

Acct 091-03631-02



5/24/17

Dear Coastside Water District,

I am protesting the latest water increase. I reside at

4 Fairway Place Half Moon Bay.

I do not want to pay another increase!

Thank you

RECEIVED

MAY 31 2017

COASTSIDE COUNTY WATER DISTRICT

Joseph Harris

Joseph Harris

Account # 171-06147-02
Meter # 56263220



Coastside Water District
766 Main Street
Half Moon Bay
CA 94019

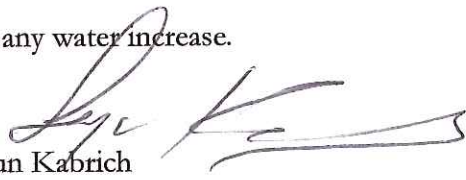
Theron Kabrich
2231 Bay Hill Court
Half Moon Bay CA 94019-2201
A/C # 173-02631-00

May 15, 2017

To who May It Concert,

I am opposse to any water increase.

Theron and Segun Kabrich



RECEIVED
MAY 26 2017
COASTSIDE COUNTY
WATER DISTRICT

Coastside Water Dist. 5/17/17

I am writing this to
voice my opposition to the
proposed water rate
increase.

Our service and bill
come to our address at
2381 Winged Foot Rd.
Half Moon Bay Ca 94019
Thank you for taking
this into consideration.

Lynn Backlund

RECEIVED

MAY 23 2017

COASTSIDE COUNTY
WATER DISTRICT

May 17, 2017

V. J. MIKULA
40 RIVER OAKS RD
HALF MOON BAY
CA 94019

ACCT # 171-00902-02

TO CCWR.

THIS IS TO NOTIFY YOU I AM OPPOSED
TO YOUR LATEST PROPOSAL TO
INCREASE WATER RATES.

Sincerely,
Irena Mikula

RECEIVED

MAY 22 2017

COASTSIDE COUNTY
WATER DISTRICT

9000
43
/ta

Please no rate increase ~~cost~~

433 Sheenbrier Rd.
Half Moon Bay, 94019

RECEIVED

MAY 19 2017

COASTSIDE COUNTY
WATER DISTRICT

RECEIVED

MAY 19 2017

COASTSIDE COUNTY
WATER DISTRICT

Debra Avila
534 Spindrift Way
Half Moon Bay, CA 94019
650-867-1206

(Owner)

Attn: General Manager
Coastside County Water District
766 Main Street
Half Moon Bay, CA 94019

May 16, 2017

RE: Water rate increase.

To Whom It May Concern:

I am protesting the proposed increase in our water rates. I simply cannot afford for you to raise our water rates! We just had the rainiest season in decades; with that, I had to repair my roof, along with many other things and find it annoying you would even consider it.

If anything, you should be thinking of lowering our rates. It's gotten ridiculous!

What are you possibly thinking!



Debra Avila

DATE: 5-17-17

TO: Coastside Water District

RE: PROPOSED WATER RATE INCREASE

This is to confirm in writing, that we are protesting the next water increase pending this year. Every year the water district raises the ~~rate~~ rate!. Doing it again makes no sense especially after the second rain fall this year!

Sincerely,

MICHAEL & SUSIE MONTGOMERY
12 Pinchurst Lane
HMB.

RECEIVED

MAY 17 2017

COASTSIDE COUNTY
WATER DISTRICT

Nancy L. Rapp
2131 St. Andrews Road
Half Moon Bay, California 94019
Phone 650-726-1778 • Fax 650-726-1720
E-mail nlrapp2@aol.com

RECEIVED
MAY 18 2017
COASTSIDE COUNTY
WATER DISTRICT

May 13, 2017

GENERAL MANAGER
COASTSIDE COUNTY WATER DISTRICT
766 Main Street
Half Moon Bay, California 94019

HAND DELIVERED:

MY HOUSE NUMBER: 2131 St. Andrews Road, Half Moon Bay, California
94019

Account Number: 173-04350-00

TO WHOM IT MAY CONCERN:

This is to inform you that I am in OPPOSITION to any rate hike increases for
ANY REASON WHATSOEVER.

Very truly yours,

Nancy Rapp

NANCY L. RAPP

RECEIVED

MAY 02 2017

COASTSIDE COUNTY
WATER DISTRICT

May 1, 2017

Coastside County Water District
Board of Directors
766 Main St.
Half Moon Bay, CA 94019

Attention: General Manager,

I am requesting that the Coastside County Water District not go forward with the proposed residential rate increase to take effect July 1, 2017. I am a retiree and any increase would prove to be a hardship for me and others in my circumstance.

You have steadily increased our rates for several years. When is enough, enough? Now that we are out of the "drought" did it ever occur to you to reduce our rates? The last increase was because your water users conserved too much. Now, it's because you want to **increase our rate due to inflationary adjustments in operating expenses; funding of the District's Capital Improvement Program, and increased contributions to the District's reserves** (what the heck does that mean?).

You sound just like the State of California. The answer to everything is just raise the rates or add a tax. Sure, that will fix everything. Never cut a program, never fire anyone and never hold anyone accountable. Have you ever looked at waste, restructuring or re-organization? Rather than, oh, it's time to screw the public again.

When are you going to fix the mess you made on Bridgeport Dr. when you put in the new water pipe? When you put the budget together to "fix" the pipe, didn't you budget to leave it the way you found it? Guess not. I know, you can charge us another tax to fix it!

I vote **no** on a rate increase. Live within your means like most of us have to!

Sincerely,



Charmion Donegan
40 Sea Crest Ct. (El Granada)
Half Moon Bay, CA 94019

MAY 5 2017

To whom it may concern;

I would like to protest a hike in
water rates for 146 Isabella + 138 Isabella.

Thank you
Dorothy Cordell

Utility Account Number: 231-02507-03

RECEIVED

MAY 08 2017

COASTSIDE COUNTY
WATER DISTRICT



LESLEY SENIOR COMMUNITIES
A non-profit California Corporation

May 4, 2017



EQUAL HOUSING
OPPORTUNITY

LESLEY GARDENS
701 Arnold Way
Half Moon Bay, CA 94019-2709
Tel: (650) 726-2741
Fax: (650) 726-5888
www.lesleyseniorcommunities.org

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

Dear Mr. Dickson,

32 of our 64 residents living in Lesley Gardens, 701 Arnold Way, Half Moon Bay, have an average income of \$826 a month and pay an average of \$150 for rent. This leaves them approximately \$676 a month to pay for food, transportation, laundry, telephone, PG&E, water, cable TV, clothing and shoes, personal care products, over the counter medications and other miscellaneous expenses.

Last year the increase in the water rate was 10% and these residents have had a very difficult time paying approximately \$90 every two months to cover that increase. Granted the proposed increase in 2017 of \$.46 per month is small, but to seniors living on the edge \$.46 could help them pay for a ride on RediCoast to the doctor, or purchase a banana or potato, or help pay for a tooth brush or a bar of soap.

My residents and I are opposed to this increase because we are concerned that any increase this year represents a trend of acceptance that annual increases in the water rates will be the norm. Who knows what the proposal for next year will be?

We respectfully ask you to reconsider imposing any increase in the water rates in June.

Sincerely,


Galyn Evans
Administrator

cc: Arnie Glassberg, President of the CCWD Board of Directors
Glenn Reynolds, Vice President
Ken Coverdell, Director
Chris Mickelsen, Director
Bob Feldman, Director

RECEIVED

MAY 08 2017

COASTSIDE COUNTY
WATER DISTRICT

Rec'd 5/3/17

TO: CC Water District

RE: Protest Paying Proposed Rate Increases

DATE: 1 May, 2017

FROM: ANN SKLUTE # 181-06955-02

Please add my voice to others protesting
the proposed RATE INCREASE FY '17-18.

I work diligently to conserve water.

Living in Lesley Gardens means that
I qualify for low income housing.

An increase would severely impact
my budget, which has already
had to adjust to your other
increases.

Thank you in advance for grouping
my protest with others per your
19 Aug 17 mailing under YOU CAN BE HEARD.

Ann Sklute
701 Arnold Wy #115-A
HMP 650.430.0106

**Warren W Jones
PO Box 2267
El Granada, CA 94018**

April 29, 2017

RE: Proposed rate hike; account #2596-0, service address: 918 Malaga Street, El Granada, CA

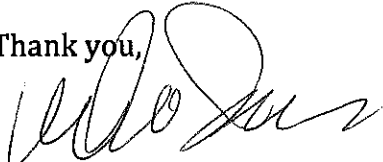
Coastside County Water District Office
766 Main Street
Half Moon Bay, CA 94019

I am writing to protest the proposed rate increase. This is burdensome for many rate-payers.

The District has a track record of raising water rates every year, and here we are yet again. For obvious reasons, this is an unsustainable approach to financing the water system. The District needs to establish a better system to manage the financial needs of the District. This reflects very poor management by the District. This is clearly not a sustainable approach.

The District should cancel the proposed rate increase.

Thank you,



Warren W Jones

RECEIVED

MAY 02 2017

COASTSIDE COUNTY
WATER DISTRICT

LAWRENCE & PHYLLIS STANDAERT

Address 414 ST. JOSEPH
HALF MOON BAY, CA

We protest any Rate Hikes for our water usage.
We have limited our water use during
drought now, doing so, we have to
pay higher rates.

Signed ZZ Standart
Phyllis Standart

RECEIVED

APR 25 2017

COASTSIDE COUNTY
WATER DISTRICT

Operations & Maintenance Budget - FY 2017-2018

Account Number	Description	Proposed Budget FY 17/18	Approved FY 16/17 Budget	FY17/18 Budget Vs. FY 16/17 Budget \$ Change	FY17/18 Budget Vs. FY 16/17 Budget % Change	Proj Year End Actual FY 16/17	FY 17/18 Budget Vs. FY 16/17 Actual \$ Change	FY 17/18 Budget Vs. FY 16/17 Actual % Change	YTD Actual FY 16/17 as of April 30, 2017
OPERATING REVENUE									
4120	Water Sales (1)	\$10,805,600	\$10,266,127	\$539,473	5.3%	\$10,400,000	\$405,600	3.9%	\$8,520,465
Total Operating Revenue		\$10,805,600	\$10,266,127	\$539,473	5.3%	\$10,400,000	\$405,600	3.9%	\$8,520,465
NON-OPERATING REVENUE									
4170	Hydrant Sales	\$50,000	\$50,000	\$0	0.0%	\$55,000	-\$5,000	-9.1%	\$53,938
4180	Late Penalty	\$60,000	\$72,000	-\$12,000	-16.7%	\$60,000	\$0	0.0%	\$54,506
4230	Service Connections	\$10,000	\$10,000	\$0	0.0%	\$12,000	-\$2,000	-16.7%	\$13,185
4920	Interest Earned	\$6,174	\$3,070	\$3,104	101.1%	\$6,000	\$174	2.9%	\$5,245
4930	Property Taxes	\$700,000	\$600,000	\$100,000	16.7%	\$723,896	-\$23,896	-3.3%	\$723,896
4950	Miscellaneous	\$37,000	\$37,000	\$0	0.0%	\$114,482	-\$77,482	-67.7%	\$114,482
4955	Cell Site Lease Income	\$154,000	\$143,692	\$10,308	7.2%	\$150,000	\$4,000	2.7%	\$125,072
4965	ERAF Refund	\$250,000	\$200,000	\$50,000	25.0%	\$325,314	-\$75,314	-23.2%	\$325,314
Total Non-Operating Revenue		\$1,267,174	\$1,115,762	\$151,412	13.6%	\$1,446,692	-\$179,518	-12.4%	\$1,415,638
TOTAL REVENUES		\$12,072,774	\$11,381,889	\$690,885	6.1%	\$11,846,692	\$226,082	1.9%	\$9,936,103
OPERATING EXPENSES									
5130	Water Purchased	\$2,106,991	\$2,578,474	-\$471,483	-18.3%	\$2,260,000	-\$153,009	-6.8%	\$1,790,915
5230	Electrical Exp. Nunes WTP	\$40,280	\$31,270	\$9,010	28.8%	\$38,000	\$2,280	6.0%	\$28,175
5231	Electrical Expenses, CSP	\$318,000	\$325,420	-\$7,420	-2.3%	\$300,000	\$18,000	6.0%	\$208,294
5232	Electrical Expenses/Trans. & Dist.	\$25,440	\$18,020	\$7,420	41.2%	\$24,000	\$1,440	6.0%	\$17,741
5233	Elec Exp/Pilarcitos Cyn	\$32,309	\$26,000	\$6,309	24.3%	\$45,000	-\$12,691	-28.2%	\$40,577
5234	Electrical Exp., Denn	\$92,220	\$85,000	\$7,220	8.5%	\$90,000	\$2,220	2.5%	\$37,046
5242	CSP - Operation	\$10,500	\$10,500	\$0	0.0%	\$10,500	\$0	0.0%	\$7,931
5243	CSP - Maintenance	\$37,000	\$37,000	\$0	0.0%	\$37,000	\$0	0.0%	\$20,417
5246	Nunes WTP Oper	\$72,000	\$57,000	\$15,000	26.3%	\$70,000	\$2,000	2.9%	\$49,224
5247	Nunes WTP Maint	\$122,500	\$80,500	\$42,000	52.2%	\$85,000	\$37,500	44.1%	\$60,459
5248	Denn. WTP Oper.	\$34,500	\$35,000	-\$500	-1.4%	\$29,000	\$5,500	19.0%	\$18,953
5249	Denn WTP Maint	\$60,000	\$53,000	\$7,000	13.2%	\$70,000	-\$10,000	-14.3%	\$54,813
5250	Laboratory Expenses	\$53,000	\$53,000	\$0	0.0%	\$53,000	\$0	0.0%	\$40,878
5260	Maintenance Expenses	\$291,700	\$281,700	\$10,000	3.5%	\$281,700	\$10,000	3.5%	\$194,213
5261	Maintenance, Wells	\$40,000	\$50,000	-\$10,000	-20.0%	\$40,000	\$0	0.0%	\$10,980
5263	Uniforms	\$10,000	\$10,000	\$0	0.0%	\$10,000	\$0	0.0%	\$7,940
5318	Studies/Surveys/Consulting	\$160,000	\$150,000	\$10,000	6.7%	\$150,000	\$10,000	6.7%	\$93,442
5321	Water Resources	\$37,000	\$47,000	-\$10,000	-21.3%	\$25,000	\$12,000	48.0%	\$7,597
5322	Community Outreach	\$54,700	\$50,000	\$4,700	9.4%	\$50,000	\$4,700	9.4%	\$22,757
5381	Legal	\$110,000	\$60,000	\$50,000	83.3%	\$100,000	\$10,000	10.0%	\$63,508
5382	Engineering	\$100,000	\$14,000	\$86,000	614.3%	\$54,000	\$46,000	85.2%	\$20,513
5383	Financial Services	\$20,000	\$20,000	\$0	0.0%	\$18,000	\$2,000	11.1%	\$8,580
5384	Computer Services	\$144,800	\$125,300	\$19,500	15.6%	\$100,000	\$44,800	44.8%	\$92,593
5410	Salaries, Admin.	\$1,150,980	\$1,100,800	\$50,180	4.6%	\$960,000	\$190,980	19.9%	\$742,607
5411	Salaries - Field	\$1,266,081	\$1,217,375	\$48,706	4.0%	\$1,217,375	\$48,706	4.0%	\$1,005,506

Operations & Maintenance Budget - FY 2017-2018

Account Number	Description	Proposed Budget FY 17/18	FY17/18 Budget			Proj Year End	FY 17/18 Budget			YTD Actual FY 16/17 as of April 30, 2017
			Approved FY 16/17 Budget	Vs. FY 16/17 Budget \$ Change	Budget Vs. FY 16/17 Budget % Change		Vs. FY 16/17 Actual	Budget Vs. FY 16/17 Actual	Budget Vs. FY 16/17 Actual	
5420	Payroll Taxes	\$170,555	\$162,245	\$8,310	5.1%	\$150,000	\$20,555	13.7%	\$123,195	
5435	Employee Medical Insurance	\$447,056	\$412,904	\$34,152	8.3%	\$412,904	\$34,152	8.3%	\$329,381	
5436	Retiree Medical Insurance	\$47,215	\$59,976	-\$12,761	-21.3%	\$59,976	-\$12,761	-21.3%	\$39,221	
5440	Employee Retirement	\$544,380	\$508,257	\$36,123	7.1%	\$485,000	\$59,380	12.2%	\$375,755	
5445	SIP 401a Plan	\$35,000	\$33,000	\$2,000	6.1%	\$33,000	\$2,000	6.1%	\$0	
5510	Motor Vehicle Exp.	\$50,700	\$56,700	-\$6,000	-10.6%	\$50,000	\$700	1.4%	\$38,808	
5620	Office & Billing Expenses	\$225,500	\$170,775	\$54,725	32.0%	\$225,000	\$500	0.2%	\$182,423	
5625	Meetings/Training/Seminars	\$24,000	\$24,000	\$0	0.0%	\$24,000	\$0	0.0%	\$19,187	
5630	Insurance	\$120,000	\$120,000	\$0	0.0%	\$115,000	\$5,000	4.3%	\$98,697	
5687	Memberships & Subscriptions	\$75,350	\$74,000	\$1,350	1.8%	\$74,000	\$1,350	1.8%	\$59,863	
5688	Election Expense	\$0	\$0	\$0		\$0	\$0		\$0	
5689	Union Expenses	\$6,000	\$6,000	\$0	0.0%	\$6,000	\$0	0.0%	\$0	
5700	County Fees	\$20,000	\$19,000	\$1,000	5.3%	\$19,000	\$1,000	5.3%	\$11,242	
5705	State Fees	\$24,000	\$16,000	\$8,000	50.0%	\$40,000	-\$16,000	-40.0%	\$37,135	
Total Operating Expenses		\$8,179,756	\$8,179,216	\$540	0.0%	\$7,811,455	\$368,301	4.7%	\$5,960,566	
CAPITAL ACCOUNTS										
5712	Existing Bonds - 2006B	\$486,776	\$486,426	\$350	0.1%	\$486,360	\$416	0.1%	\$486,360	
5715	Existing Bond-CIEDB 11-099	\$336,269	\$336,409	-\$140	0.0%	\$336,409	-\$140	0.0%	\$336,409	
5716	CIEDB 16-111	\$324,652	\$145,203	\$179,449		\$145,203	\$179,449		\$145,203	
Total Capital Accounts		\$1,147,697	\$968,038	\$179,659	18.6%	\$967,972	\$179,725	18.6%	\$967,972	
TOTAL REVENUE LESS TOTAL EXPENSE		\$2,745,322	\$2,234,635	\$510,687	22.9%	\$3,067,265	-\$321,943	-10.5%	\$3,007,565	
5713	Cont. to CIP & Reserves	\$2,745,322								

Notes: (1) This draft budget includes the rate increase limit included in the Proposition 218 notice issued on April 19, 2017.

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4120 Description: Water Sales	
Actual Amount As Of: 30-Apr 2017	8,520,465
PROJECTED ACTIVITY to END of FY:	1,879,535
Projected YEAR END TOTAL:	10,400,000

PROPOSED Line Item Amount:	\$10,805,600 *
-----------------------------------	-----------------------

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	\$10,266,127
-----------------------	---------------------

% Change Actual Year End compared to Proposed Line item amount.	3.9%
% Change to Previous Year Budget	5.3%
Dollar difference between proposed budget & current budget	539,473

NARRATIVE:

Budget at 560MG per year (up from 550MG -FY2017 budget)

As of 2/10/2017 - an assumption/recommendation for a rate increase has not been included in the budget (still to be determined.)

Spread:

Jul	Aug	Sep	Oct	Nov	Dec	Totals
Jan	Feb	Mar	Apr	May	Jun	

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4170 Description: Hydrant Sales	
Actual Amount As Of: 30-Apr 2017	53,938
PROJECTED ACTIVITY to END of FY:	1,062
Projected YEAR END TOTAL:	55,000
PROPOSED Line Item Amount:	50,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	50,000
% Change Actual Year End compared to Proposed Line item amount.	(9.1%)
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

Water is taken from designated fire hydrants through portable meters for a variety of reasons. The most common use of this water is for new construction (dust control, earth compaction, etc.). Other uses of water through portable meters result in use for temporary irrigation, failed wells, temporary livestock watering, dust control for non construction purposes, festivals, etc. Water can only be supplied to areas within the District Boundary.

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2017/2018

<u>Line Item</u>		<u>Amount</u>
Acct. No.	4180	Description: Late Penalty
Actual Amount As Of:	30-Apr 2017	54,506
PROJECTED ACTIVITY to END of FY:		5,494
Projected YEAR END TOTAL:		60,000
PROPOSED Line Item Amount:		60,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	72,000
% Change Actual Year End compared to Proposed Line item amount.	0.0%
% Change to Previous Year Budget	100.0%
Dollar difference between proposed budget & current budget	-12,000

NARRATIVE:

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4230 Description: Service Connections	
Actual Amount As Of: 30-Apr 2017	13,185
PROJECTED ACTIVITY to END of FY:	-1,185
Projected YEAR END TOTAL:	12,000
PROPOSED Line Item Amount:	10,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	10,000
% Change Actual Year End compared to Proposed Line item amount.	(16.7%)
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

The amounts in the account show the labor cost charged to a customer for the installation of a new water service connection. The costs vary with each new installation depending upon the size of the service and how far it is from the distribution pipeline under the street. Cost of materials are not included in this category.

Labor	\$10,000
TOTAL	\$10,000

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4920 Description: Interest Earned	
Actual Amount As Of: 30-Apr 2017	5,245
PROJECTED ACTIVITY to END of FY:	755
Projected YEAR END TOTAL:	6,000
PROPOSED Line Item Amount:	\$ 6,174

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	3,070
% Change Actual Year End compared to Proposed Line item amount.	2.9%
% Change to Previous Year Budget	101.1%
Dollar difference between proposed budget & current budget	3,104

NARRATIVE:

Interest income is derived from cash on deposit with LAIF.

Cash on Deposit	Balance							
	1,029,048	0	1,029,048	x	0.60%	=	\$ 6,174	

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2017/2018

<u>Line Item</u>		<u>Amount</u>
Acct. No.	4930	Description: Property Taxes
Actual Amount As Of:	30-Apr 2017	723,896
PROJECTED ACTIVITY to END of FY:		0
Projected YEAR END TOTAL:		723,896
PROPOSED Line Item Amount:		700,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	600,000
% Change Actual Year End compared to Proposed Line item amount.	(3.3%)
% Change to Previous Year Budget	16.7%
Dollar difference between proposed budget & current budget	100,000

NARRATIVE:

Projected CCWD portion of unsecured/secured Property Tax	\$700,000
TOTAL	<u><u>\$700,000</u></u>

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4950 Description: Miscellaneous	
Actual Amount As Of: 30-Apr 2017	114,482
PROJECTED ACTIVITY to END of FY:	0
Projected YEAR END TOTAL:	114,482
PROPOSED Line Item Amount:	37,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	37,000
% Change Actual Year End compared to Proposed Line item amount.	(67.7%)
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

Revenue from disposal of excess equipment, vehicles and reimbursement of expense line items, in addition to the identified sources, are entered into the Miscellaneous Sales account line item, such as: returned check fees, re-connect fees, copies of documents, reimbursement of repairs., etc...)

Skylawn Memorial Park reimburses the District for pumping when the District is not operating the Crystal Springs Pump Station for benefit of the District.

	FY 17/18
Skylawn	25,000
Miscellaneous	12,000
	<u>37,000</u>

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4955 Description: Cell Site Lease Income	
Actual Amount As Of: 30-Apr 2017	125,072
PROJECTED ACTIVITY to END of FY:	24,928
Projected YEAR END TOTAL:	150,000
PROPOSED Line Item Amount:	154,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	143,692
% Change Actual Year End compared to Proposed Line item amount.	2.7%
% Change to Previous Year Budget	7.2%
Dollar difference between proposed budget & current budget	10,308

NARRATIVE:

Revenue from Cell Site Leasing

<u>Sub-Account</u>	<u>FY 17/18</u>
Sprint Spectrum Lease (Carter Hill)	\$ 29,992
Sprint Spectrum Lease (Alves Tank)	\$ 29,992
Metro PCS (Miramontes Tank)	\$ 32,561
Metro PCS (Miramar Tank)	\$ 32,561
Verizon (Nunes WTP)	\$ 29,351
	<u>154,457</u>

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4965 Description: ERAF Refund	
Actual Amount As Of: 30-Apr 2017	325,314
PROJECTED ACTIVITY to END of FY:	0
Projected YEAR END TOTAL:	325,314
PROPOSED Line Item Amount:	250,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	200,000
% Change Actual Year End compared to Proposed Line item amount.	(23.2%)
% Change to Previous Year Budget	25.0%
Dollar difference between proposed budget & current budget	50,000

NARRATIVE:

Educational Revenue Augmentation Fund (ERAF). ERAF was established in 1992 to redirect property tax revenues from cities, counties and special districts to public education programs. Once the school districts & programs are paid the maximum allowable under law, the law requires the excess to be refunded to the local taxing jurisdiction that contributed to ERAF.

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5130 Description: Water Purchased	
Actual Amount As Of: 30-Apr 2017	1,790,915
PROJECTED ACTIVITY to END of FY:	469,085
Projected YEAR END TOTAL:	2,260,000
PROPOSED Line Item Amount:	2,106,991

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	2,578,474
% Change Actual Year End compared to Proposed Line item amount.	(6.8%)
% Change to Previous Year Budget	(18.3%)
Dollar difference between proposed budget & current budget:	-471,483

NARRATIVE:

See worksheet 5130 A

The information on this sheet relates directly to Account 4120, water sales.

- San Francisco Wholesale rates: FY2018 Cost per hcf \$3.84 (\$4.34 less \$.50 treated water discount)
FY2018 assumes a 5.7% increase
- BAWSCA Bond Surcharge (\$312,000 Annual)
- SFPUC Base Charge (\$81,384 annual)

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5230 Description: Electrical Exp. Nunes WTP	
Actual Amount As Of: 30-Apr 2017	28,175
PROJECTED ACTIVITY to END of FY:	9,825
Projected YEAR END TOTAL:	38,000
PROPOSED Line Item Amount:	40,280

Approved Line Item Amount:

<u>PREVIOUS YEAR BUDGET:</u>	<u>31,270</u>
% Change Actual Year End compared to Proposed Line item amount.	6.0%
% Change to Previous Year Budget	28.8%
Dollar difference between proposed budget & current budget	9,010

NARRATIVE:

The costs shown for this line item are for electrical costs for operating the water treatment plant.

FY 17/18

PG&E \$40,280

(assumes 6% rate increase)

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2017/2018

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5231 Description: Electrical Expenses, CSP	
Actual Amount As Of: 30-Apr 2017	208,294
PROJECTED ACTIVITY to END of FY:	91,706
Projected YEAR END TOTAL:	300,000

PROPOSED Line Item Amount:	318,000
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	325,420
% Change Actual Year End compared to Proposed Line item amount.	6.0%
% Change to Previous Year Budget	(2.3%)
Dollar difference between proposed budget & current budget	-7,420

NARRATIVE:

Lower due to staying longer on Denniston --- assumes a 6% increase.

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2017/2018

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5232	Description: Electrical Expenses/Trans. & Dist.
Actual Amount As Of:	30-Apr 2017	17,741
PROJECTED ACTIVITY to END of FY:		6,259
Projected YEAR END TOTAL:		24,000
PROPOSED Line Item Amount:		25,440

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	18,020
% Change Actual Year End compared to Proposed Line item amount.	6.0%
% Change to Previous Year Budget	41.2%
Dollar difference between proposed budget & current budget	7,420

NARRATIVE:

	FY 17/18
Granada #1	\$6,890
Granada #2	\$6,063
Granada #3	\$2,979
Alves Pump Station	\$9,116
Miramontes Tank	\$392
TOTAL	<u>\$25,440</u>

Assumes 6% rate increase.

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5233 Description: Elec Exp/Pilarcitos Cyn	
Actual Amount As Of: 30-Apr 2017	40,577
PROJECTED ACTIVITY to END of FY:	4,423
Projected YEAR END TOTAL:	45,000
PROPOSED Line Item Amount:	32,309

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	26,000
% Change Actual Year End compared to Proposed Line item amount.	(28.2%)
% Change to Previous Year Budget	24.3%
Dollar difference between proposed budget & current budget	6,309

NARRATIVE:

Assumes that we will focus on well production more so than in the past. Assumes a 6% rate increase.

Wells #1 & 3	\$ 7,314	Well #4	\$ 2,226
Well #2	\$ 318	Well #4A	\$ 7,420
Well #3A	\$ 8,989	Well #5	\$ 4,240
Carter Hill	\$ 424	Telemeter	\$ 318
TOTAL		Blending Station	\$ 1,060
		Total	\$ 32,309

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5234 Description: Electrical Exp., Denn	
Actual Amount As Of: 30-Apr 2017	37,046
PROJECTED ACTIVITY to END of FY:	49,954
Projected YEAR END TOTAL:	87,000
PROPOSED Line Item Amount:	92,220

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	85,000
% Change Actual Year End compared to Proposed Line item amount.	6.0%
% Change to Previous Year Budget	8.5%
Dollar difference between proposed budget & current budget	7,220

NARRATIVE:

Reflects increased electrical costs due to increased reliance on Denniston.
Includes 6% rate increase from PG&E.

	FY 17/18
Denn Pump Station	\$65,720
Denn Well #1	\$1,060
Denn Well #2,3,4	\$2,650
Denn Well #5	\$530
Denn Well #9	\$5,300
Denn WTP	\$12,720
WWR System	\$4,240
TOTAL	<u><u>\$92,220</u></u>

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5242 Description: CSP - Operation	
Actual Amount As Of: 30-Apr 2017	7,931
PROJECTED ACTIVITY to END of FY:	2,569
Projected YEAR END TOTAL:	10,500
PROPOSED Line Item Amount:	10,500

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	10,500
% Change Actual Year End compared to Proposed Line item amount.	0.0%
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

FY 17/18

Telephone & Telemetry	\$7,000
Alarm Co. (Bay Alarm / HMB Alarm)	\$1,500
Fire System Maint.	<u>\$2,000</u>
TOTAL	<u><u>\$10,500</u></u>

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5243 Description: CSP - Maintenance	
Actual Amount As Of: 30-Apr 2017	20,417
PROJECTED ACTIVITY to END of FY:	16,583
Projected YEAR END TOTAL:	37,000
PROPOSED Line Item Amount:	37,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	37,000
% Change Actual Year End compared to Proposed Line item amount.	0.0%
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

	FY 17/18
Electrical Testing (ETI)	\$4,000
Electrical Repair	\$6,000
Equipment /Valve Maintenance	\$11,000
Pressure Reducing Valves	\$1,000
Misc. Equip/Air Vent	\$1,000
Telemetry & Alarms	\$4,000
Pump Maintenance	\$10,000
	<u><u>\$37,000</u></u>

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5246 Description: Nunes WTP Oper	
Actual Amount As Of: 30-Apr 2017	49,224
PROJECTED ACTIVITY to END of FY:	20,776
Projected YEAR END TOTAL:	70,000
PROPOSED Line Item Amount:	72,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	57,000
% Change Actual Year End compared to Proposed Line item amount.	2.9%
% Change to Previous Year Budget	26.3%
Dollar difference between proposed budget & current budget	15,000

NARRATIVE:

Chemical costs = \$103/MG.
Expect to treat 484 MG.

Telephone/DSL	\$9,000	Chemicals	
Alarm System	<u>\$4,500</u>	Caustic	\$20,000
Sub total	<u>\$13,500</u>	Alum	\$27,000
		Salt	\$9,000
		Other	\$2,500
		Sub Total	\$58,500
		TOTAL	<u><u>\$72,000</u></u>

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5247 Description: Nunes WTP Maint	
Actual Amount As Of: 30-Apr 2017	60,459
PROJECTED ACTIVITY to END of FY:	24,541
Projected YEAR END TOTAL:	85,000

PROPOSED Line Item Amount:	122,500
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	80,500
% Change Actual Year End compared to Proposed Line item amount.	44.1%
% Change to Previous Year Budget	52.2%
Dollar difference between proposed budget & current budget	42,000

NARRATIVE:

Increase in Misc. Expenses to include misc. office expenses.

	FY17/18
Hach Service & Certification	\$5,000
Generator Service Contract	\$1,000
Sludge Removal	\$10,000
Electrical	\$5,000
Instrumentation/Controls	\$15,500
Tools	\$7,500
Motor & Pump Replacement	\$2,500
Filter Surveillance	\$20,000
Filter Rehab/Media	\$30,000 (new)
Pump Service	\$5,000
Trees / Landscape	\$14,000
Misc. Expenses / Office Supplies	\$7,000
	<u>\$122,500</u>

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5248 Description: Denn. WTP Oper.	
Actual Amount As Of: 30-Apr 2017	18,953
PROJECTED ACTIVITY to END of FY:	10,047
Projected YEAR END TOTAL:	29,000
PROPOSED Line Item Amount:	34,500

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	28,000
% Change Actual Year End compared to Proposed Line item amount.	19.0%
% Change to Previous Year Budget	23.2%
Dollar difference between proposed budget & current budget	6,500

NARRATIVE:

Denniston reflects increase over prior year due to increased reliance on Denniston vs. SFPUC sources.

ADMIN		CHEMICALS	
Telephone/DSL	\$3,000	Caustic	\$8,000
Alarm System	\$2,500	917	\$7,000
		Salt	\$2,500
Subtotal	\$5,500	Pot. Perm	\$5,500
		Other	\$6,000
		Subtotal	\$29,000
		<u>Total</u>	<u>\$34,500</u>

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5249 Description: Denn WTP Maint	
Actual Amount As Of: 30-Apr 2017	54,813
PROJECTED ACTIVITY to END of FY:	15,187
Projected YEAR END TOTAL:	70,000

PROPOSED Line Item Amount:	60,000
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	53,000
% Change Actual Year End compared to Proposed Line item amount.	(14.3%)
% Change to Previous Year Budget	13.2%
Dollar difference between proposed budget & current budget	7,000

NARRATIVE:

FY2018 reflects increased flows from Denniston vs. other sources.

	FY 17/18
Misc. Expenses / Office Supplies	\$ 3,800
Misc. Plumbing & Parts	\$ 4,600
Sludge Removal	\$ 6,100
Filter Surveillance	\$ 10,000
Treework	\$ 10,000
Inst. Controls	\$ 20,000
Hach Service	\$ 2,500
Other	\$ 3,000
TOTAL	\$ 60,000

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5250 Description: Laboratory Expenses	
Actual Amount As Of: 30-Apr 2017	40,878
PROJECTED ACTIVITY to END of FY:	12,122
Projected YEAR END TOTAL:	53,000
PROPOSED Line Item Amount:	53,000

Approved Line Item Amount:

<u>PREVIOUS YEAR BUDGET:</u>	<u>53,000</u>
% Change Actual Year End compared to Proposed Line item amount.	0.0%
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

Laboratory Costs associated with water sampling throughout distribution system, source waters and Treatment Plants.

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5260	Description: Maintenance Expenses
Actual Amount As Of:	30-Apr 2017	194,213
PROJECTED ACTIVITY to END of FY:		87,487
Projected YEAR END TOTAL:		281,700

PROPOSED Line Item Amount:	291,700
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Approved Line Item Amount: *Projected year-end includes an emergency repair due to storms.*

PREVIOUS YEAR BUDGET: 281,700

% Change Actual Year End compared to Proposed Line item amount. 3.5%

% Change to Previous Year Budget 3.5%

Dollar difference between proposed budget & current budget 10,000

NARRATIVE:

<u>ACCT 5260</u>		Equipment Rental	\$2,000
Laundry	\$1,200	Radio Repair/PM	\$3,000
Supplies Shop/Breakroom	\$1,000	Landscape Maint	\$2,500
Service Products	\$3,000	Cathodic Protection	\$8,000
Pump Repair	\$10,000	Misc. tools, etc.	\$5,000
USA	\$500	(Welder, Drill, Airtools, Sump Pump, Lrg tools)	
Backfill	\$5,000	Waste Services	\$3,000
Hydrant Repair	\$3,000	Fence Repairs	\$2,000
Tank Maintenance	\$5,000	Raising Valve (City/County)	\$20,000
Generator services	\$6,000	Building Maintenance	\$10,000
Safety Supplies	\$3,500		
DMV/Pre-employment Physical	\$1,000	<u>Acct 5260-10</u>	
Tree Removal	\$30,000	Emergency ML Repairs	\$100,000
Inventory	\$11,000	<u>Acct 5260-11</u>	
Materials	\$6,000	Paving	\$50,000

Spread: **TOTAL** \$291,700

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5261 Description: Maintenance, Wells	
Actual Amount As Of: 30-Apr 2017	10,980
PROJECTED ACTIVITY to END of FY:	29,020
Projected YEAR END TOTAL:	40,000
PROPOSED Line Item Amount:	40,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	50,000
% Change Actual Year End compared to Proposed Line item amount.	0.0%
% Change to Previous Year Budget	(20.0%)
Dollar difference between proposed budget & current budget	-10,000

NARRATIVE:

wells and complete upgrades

	<u>FY 17/18</u>
Crane Service	\$ 15,000
Electrical PM	\$8,000
Pumps	\$10,000
Electrical	\$6,800
Plumbing	\$200
	<u><u>\$40,000</u></u>

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2017/2018

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5263	Description: Uniforms
Actual Amount As Of:	30-Apr 2017	7,940
PROJECTED ACTIVITY to END of FY:		2,060
Projected YEAR END TOTAL:		10,000
PROPOSED Line Item Amount:		10,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	10,000
<hr/>	
% Change Actual Year End compared to Proposed Line item amount.	0.0%
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

Field Operation Uniforms (8 pants, 12 shirts, 1 Winter & 1 Summer Jacket)

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5318 Description: Studies/Surveys/Consulting	
Actual Amount As Of: 30-Apr 2017	93,442
PROJECTED ACTIVITY to END of FY:	56,558
Projected YEAR END TOTAL:	150,000
PROPOSED Line Item Amount:	\$160,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	150,000
% Change Actual Year End compared to Proposed Line item amount.	6.7%
% Change to Previous Year Budget	6.7%
Dollar difference between proposed budget & current budget	10,000

Narrative:

Consulting studies to include:

Annual Rate Study	\$25,000.00
Annual Water Loss Audit	\$35,000.00
Recruitment	\$15,000.00
Water Shortage Contingency Plan Update	\$30,000.00
EI Granada PRV Study	\$25,000.00
Other Misc. studies, including	\$ 30,000.00
Hydraulic Model	
Seismic Vulnerability Study	

\$160,000.00

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5321 Description: Water Resources	
Actual Amount As Of: 30-Apr 2017	7,597
PROJECTED ACTIVITY to END of FY:	17,403
Projected YEAR END TOTAL:	25,000
PROPOSED Line Item Amount:	37,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	47,000
% Change Actual Year End compared to Proposed Line item amount.	48.0%
% Change to Previous Year Budget	(21.3%)
Dollar difference between proposed budget & current budget	-10,000

NARRATIVE:

Lawn Be Gone	\$5,000
High Efficiency Toilets Rebate Program	\$8,000
Commercial Rebates	\$1,000
High Efficiency Fixture Devices	\$3,000
School Education Programs	\$5,000
<u>Public Information / Outreach Programs</u>	<u>\$15,000</u>

\$37,000 Total

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5322 Description: Community Outreach	
Actual Amount As Of: 30-Apr 2017	22,757
PROJECTED ACTIVITY to END of FY:	27,243
Projected YEAR END TOTAL:	50,000

PROPOSED Line Item Amount:	54,700
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	50,000
<hr/>	
% Change Actual Year End compared to Proposed Line item amount.	9.4%
% Change to Previous Year Budget	9.4%
Dollar difference between proposed budget & current budget	4,700

NARRATIVE:

For community outreach between CCWD and our customers.

Pacifica Coast Television - Recording meetings(14 @ \$250)	\$3,500
Montara Fog (14 @ \$300)	\$4,200
Materials/Publications/Public Information/New Ordinances	\$3,000
Postage for Public Outreach	\$6,000
Design/Printing Annual Reports (Consumer Confidence Report/ Water Supply Evaluation, etc.. Including Translation & Postage fees)	\$29,000
Constant Contact/Email	\$2,000
Graphic Artist/Photography	\$5,000
Pumpkin Festival	\$1,000
Pens	\$1,000

Spread:	TOTAL	54,700
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Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5381 Description: Legal	
Actual Amount As Of: 30-Apr 2017	63,508
PROJECTED ACTIVITY to END of FY:	36,492
Projected YEAR END TOTAL:	100,000

PROPOSED Line Item Amount:	110,000
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	60,000
<hr/>	
% Change Actual Year End compared to Proposed Line item amount.	10.0%
% Change to Previous Year Budget	83.3%
Dollar difference between proposed budget & current budget	50,000

NARRATIVE:

This account is for the Legal Counsel General District business that is not included in capital projects or reimbursable projects. The legal costs for capital projects and reimbursable projects whether the work is performed by District Counsel or other counsel Note that the prior year' budget did not reflect historical legal spend --- FY2016 actual legal - \$108K; FY2015 actual legal = \$105K

HansonBridgett	\$100,000
Bartkiewicz (Water Rights)	\$10,000
Total	\$110,000

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5382 Description: Engineering	
Actual Amount As Of: 30-Apr 2017	20,513
PROJECTED ACTIVITY to END of FY:	33,487
Projected YEAR END TOTAL:	54,000
PROPOSED Line Item Amount:	100,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	14,000
% Change Actual Year End compared to Proposed Line item amount.	85.2%
% Change to Previous Year Budget	614.3%
Dollar difference between proposed budget & current budget	86,000

NARRATIVE:

This account is for the District Engineer's monthly retainer and for general District business that is not included in capital projects or reimbursable projects. The engineering costs for capital projects and reimbursable projects whether the work is performed by the District engineer or another engineer are part of the overall project and not an operating expense.

Reflects addition of engineering services (Pakpour Consulting) to augment District staff. (\$75K to be expensed; \$75K to capital projects)

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5383 Description: Financial Services	
Actual Amount As Of: 30-Apr 2017	8,580
PROJECTED ACTIVITY to END of FY:	9,420
Projected YEAR END TOTAL:	18,000

PROPOSED Line Item Amount:	20,000
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	20,000
% Change Actual Year End compared to Proposed Line item amount.	11.1%
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

Annual auditing services performed by Joseph J Arch, CPA and Other misc services

	FY 17/18
Financial Audit Service	\$18,000
Accounting/Actuarial Services (OPEB)	\$2,000
Total	<u><u>\$20,000</u></u>

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5384 Description: Computer Services	
Actual Amount As Of: 30-Apr 2017	92,593
PROJECTED ACTIVITY to END of FY:	7,407
Projected YEAR END TOTAL:	100,000
PROPOSED Line Item Amount:	144,800

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	125,300
% Change Actual Year End compared to Proposed Line item amount.	44.8%
% Change to previous year budget:	15.6%
Dollar difference between proposed budget & current budget	19,500
Includes addition of Aclara maintenance (AMI) and Tyler software maintenance over prior years actual	
NARRATIVE:	

Maintenance Agreements

Tyler	\$20,000
Radix	\$3,000
Irvine Consulting Srvcs	\$30,000
Badger/AMR/Aclara AMI	\$30,000
XC2 Software	\$2,600
Remit Plus/Ck Scanner)	\$2,000
GIS License	\$5,000
Web Filtering (Barracuda)	\$1,400

Computer Services

New/Upgrades to software/Cust Rpts	\$5,000
Service/Repairs/Parts	\$10,000
Aquahawk	\$25,000
Coastside Net	\$1,000
Rogue Web Works (Website Maint.)	\$7,500
Sonic.net	\$1,500
Spam Filtering	\$900
Comcast Internet	\$2,400
CalCAD Annual Application Maint.	\$2,500
Subtotal	\$50,800

Subtotal	\$94,000	Grand Total	<u><u>\$144,800</u></u>
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Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5410 Description: Salaries, Admin.	
Actual Amount As Of: 30-Apr 2017	742,607
PROJECTED ACTIVITY to END of FY:	217,393
Projected YEAR END TOTAL:	960,000
PROPOSED Line Item Amount:	1,150,980

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	1,100,800
% Change Actual Year End compared to Proposed Line item amount.	19.9%
% Change to Previous Year Budget	4.6%
Dollar difference between proposed budget & current budget	50,180

NARRATIVE:

Admin Salaries include:

* Reflects an estimated 3.0% COLA adjustment (COLA is based upon the Department of Labor Statistics information for February to February timeframe.) Also includes step increases effective 7/1/2017.

Salaries include (1) vacant position is included in the budget.

Projected FY2016/17 salaries are lower than the FY2017/18 budget due to position vacancies that occurred during the year.

(See Spreadsheet of Account #5411A for Admin and Board of Directors Salaries)

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2017/2018

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5411	Description: Salaries - Field
Actual Amount As Of:	30-Apr 2017	1,005,506
PROJECTED ACTIVITY to END of FY:		211,869
Projected YEAR END TOTAL:		1,217,375
PROPOSED Line Item Amount:		1,266,081

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	1,217,375
% Change Actual Year End compared to Proposed Line item amount.	4.0%
% Change to Previous Year Budget	4.0%
Dollar difference between proposed budget & current budget	48,706

NARRATIVE:

* Reflects an estimated 3.0% COLA adjustment (COLA is based upon the Department of Labor Statistics information for February to February timeframe.) Also includes step increases effective 7/1/2017.

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT
7/1/2016
FY 2017/2018 BUDGET WORKSHEET (5411 A)
SALARY INFORMATION - Accounts 5411 & 5410

EMPLOYEE	Current Hrly Rate	With Step Due 7/1/2017**	COLA 3.30%	Annual Pay	O T Hours	O T Pay	Cert. Pay	TOTAL
FIELD #5411								
Superintendent	70.41	70.41	72.73	151,284			12,000	163,284
Field Supervisor	56.37	56.37	58.23	121,115	80	6,987	7,200	135,302
WTP Supervisor	62.54	63.75	65.85	136,976	130	12,841	7,200	157,017
Sr. WTP Oper.	42.95	44.02	45.48	94,591	130	8,868	6,000	109,459
Treat/Dist Op	35.31	36.20	37.39	77,773	130	7,291	6,000	91,064
Treat/Dist Op	33.70	34.54	35.68	74,215	130	6,958	4,800	85,972
Treat/Dist Op	34.75	35.62	36.79	76,532	130	7,175	6,600	90,307
Treat/Dist Op	36.97	37.97	39.22	81,584	130	7,648	6,000	95,232
Treat/Dist Op	37.85	37.97	39.22	81,584	130	7,648	4,800	94,032
Treat/Dist Op	37.97	37.97	39.23	81,590	130	7,649	7,200	96,439
Treat/Dist Op	34.53	35.39	36.56	76,043	130	7,129	4,800	87,972
Part-Time Help	20.00			20,000				20,000
Part-Time Help	20.00			20,000	50000			20,000
Standby Pay for On-Call Employees				20,000				20,000
Sub total, Field				1,113,286		80,196	72,600	1,266,081

ADMIN #5410								
Gen Manager	104.98	104.98	108.44	225,553			6,000	231,553
Asst. General Manager of Finance/Admin	82.80	82.80	85.53	177,901			2,400	180,301
Water Resource Analyst	46.82	46.82	48.36	100,595	50	3,627	1,200	105,422
Office Mgr	46.23	46.23	47.75	99,327	100	7,163		106,490
Admin Assist.	44.67	44.67	46.15	95,989	50	3,461	1,200	100,651
Utility Billing Specialist	38.38	39.34	40.63	84,518	50	3,048	600	88,165
Office Speclst II	34.25	35.10	36.26	75,421	50	2,719		78,140
Office Speclst I	29.85	30.59	31.60	65,736	50	2,370		68,106
Office Speclst II (Customer Service)	32.73	33.54	34.65	72,072	50	2,599	1,200	75,871
Office Speclst II (Water Cons/Outreach)	31.94	32.74	33.82	70,343	50	2,536	1,200	74,080
Other - Car Allowance				7,200				7,200
Part-Time Help	20.00			20,000				20,000
Directors				15,000				15,000
Sub total, Admin				1,109,656		27,524	13,800	\$1,150,980

TOTAL

2,222,941

\$2,417,061

Admin Budget includes (1) vacant positions - Water Cons/Outreach

** Step increases are given annually - 1X per year at 7/1/2017.

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2017/2018

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5420 Description: Payroll Taxes	
Actual Amount As Of: 30-Apr 2017	123,195
PROJECTED ACTIVITY to END of FY:	26,805
Projected YEAR END TOTAL:	150,000

PROPOSED Line Item Amount:	170,555
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	162,245
<hr/>	
% Change Actual Year End compared to Proposed Line item amount.	13.7%
% Change to Previous Year Budget	5.1%
Dollar difference between proposed budget & current budget	8,310

NARRATIVE:

Payroll taxes, i.e. Social Security is a function of salaries. It is applied at a total rate of 7.65% of gross payroll. The final amount will be determined when salaries and employee complement is finalized by the Board.

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

Line Item

Amount

Acct. No. **5420**

Description:

Payroll Taxes

CALCULATION FOR PAYROLL TAXES

		SOCIAL SECURITY 6.20%	MEDICARE 1.45%	TOTAL
TOTAL PAYROLL	\$ 2,417,061			
AMOUNT SUBJECT TO SOCIAL SECURITY	\$ 2,185,603	\$ 135,507		\$ 135,507
AMOUNT SUBJECT TO MEDICARE	\$ 2,417,061		\$ 35,047	\$ 35,047
TOTAL				<u><u>\$ 170,555</u></u>

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5435	Description: Employee Medical Insurance
Actual Amount As Of: 30-Apr 2017	329,381
PROJECTED ACTIVITY to END of FY:	83,523
Projected YEAR END TOTAL:	412,904
PROPOSED Line Item Amount:	447,056

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	412,904
% Change Actual Year End compared to Proposed Line item amount.	8.3%
% Change to Previous Year Budget	8.3%
Dollar difference between proposed budget & current budget	34,152

NARRATIVE: Reflects active employees only. Assumes rate increases effective 1/1/2018
7% Kaiser and 10% Anthem.

<u>Active Employees:</u>	<u>FY 17/18</u>
Medical	388,371
Dental	18,931
Vision	5,430
Life/AD&D	11,805
LTD	21,913
EAP	606
447,056 Total	

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5436 Description: Retiree Medical Insurance	
Actual Amount As Of: 30-Apr 2017	39,221
PROJECTED ACTIVITY to END of FY:	10,779
Projected YEAR END TOTAL:	50,000
PROPOSED Line Item Amount:	47,215

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	59,976
% Change Actual Year End compared to Proposed Line item amount.	(5.6%)
% Change to Previous Year Budget	(21.3%)
Dollar difference between proposed budget & current budget	-12,761

NARRATIVE: Retiree Medical Insurance (see insurance breakdown for more detail)
Assumes 7% rate increase - Kaiser; 10% Anthem ---- effective 1/1/2018.

<u>Retirees:</u>	
Medical	42,791
Dental	2,872
Vision	1,551
	47,215 Total

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

ACCOUNT No. 5435 / Insurance Benefits for Active Employees - Current Year 2017/2018

ACTIVE EMPLOYEES

	Kaiser	Blue Cross	Dental	Vision	Life/AD&D	LTD	EAP
July-17	15,046	15,992	1,562	448	974	1,808	50
August-17	15,046	15,992	1,562	448	974	1,808	50
September-17	15,046	15,992	1,562	448	974	1,808	50
October-17	15,046	15,992	1,562	448	974	1,808	50
November-17	15,046	15,992	1,562	448	974	1,808	50
December-17	15,046	15,992	1,562	448	974	1,808	50
January-18	16,099	17,591	1,593	457	993	1,844	51
February-18	16,099	17,591	1,593	457	993	1,844	51
March-18	16,099	17,591	1,593	457	993	1,844	51
April-18	16,099	17,591	1,593	457	993	1,844	51
May-18	16,099	17,591	1,593	457	993	1,844	51
June-18	16,099	17,591	1,593	457	993	1,844	51

Total Active \$ 186,871 \$ 201,499 \$ 18,931 \$ 5,430 \$ 11,805 \$ 21,913 \$ 606

Rate increase assumption 7% 10% 2% 2% 2% 2% 2%

ACCOUNT No. 5436 / Insurance Benefits for Retirees - Current Year 2017/2018

RETIREEES/COBRA

	Kaiser	Blue Cross	Dental	Vision
July-17	412	2,990	237	128
August-17	412	2,990	237	128
September-17	412	2,990	237	128
October-17	412	2,990	237	128
November-17	412	2,990	237	128
December-17	412	2,990	237	128
January-18	441	3,289	242	131
February-18	441	3,289	242	131
March-18	441	3,289	242	131
April-18	441	3,289	242	131
May-18	441	3,289	242	131
June-18	441	3,289	242	131

Total Retiree \$ 5,117 \$ 37,674 \$ 2,872 \$ 1,551

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5440 Description: Employee Retirement	
Actual Amount As Of: 30-Apr 2017	375,755
PROJECTED ACTIVITY to END of FY:	109,245
Projected YEAR END TOTAL:	485,000
PROPOSED Line Item Amount:	544,380

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	508,257
% Change Actual Year End compared to Proposed Line item amount.	12.2%
% Change to Previous Year Budget	7.1%

Dollar difference between proposed budget & current budget 36,123

NARRATIVE:

This line item is a function of salaries and will be determined when salaries and employee complement is set by the Board

<p>2.5% @ 55 Employer Rate increased from 10.808% (FY 16/17) to 10.848% (FY 17/18). In addition, the amount \$331,451 will be added to cover unfunded liability and side fund instead of the prior method of a contribution rate. Employer Paid Member Contribution has been eliminated, Member Contribution (8%) 100% paid by Employee</p>
<p>2% @ 60 Employer Rate increased from 7.809% (FY 16/17) to 7.850% (FY 17/18) Employer Paid Member Contribution has been eliminated, Member Contribution (7%) 100% paid by Employee</p>
<p>2% @ 62 - New Tier - Effective January 1, 2013 (PERS Pension Reform Act 2013 - PEPRA) Employer rate decreased from 6.93% in FY 16/17 to 6.908% in FY17/18; In addition, \$480 will be added to cover our unfunded liability. Member Contribution (6.5%) 100% paid by Employee</p>

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2017/2018

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5445	Description: SIP 401a Plan
Actual Amount As Of:	30-Apr 2017	0
PROJECTED ACTIVITY to END of FY:		33,000
Projected YEAR END TOTAL:		33,000
PROPOSED Line Item Amount:		35,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	33,000
% Change Actual Year End compared to Proposed Line item amount.	6.1%
% Change to Previous Year Budget	6.1%
Dollar difference between proposed budget & current budget	2,000

NARRATIVE:

Supplemental Income Trust Fund / AIP 401a Plan base on the Memorandum of Understanding between CCWD and the Teamsters Union, Local 856

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5510	Description: Motor Vehicle Exp.
Actual Amount As Of: 30-Apr 2017	38,808
PROJECTED ACTIVITY to END of FY:	11,192
Projected YEAR END TOTAL:	50,000
PROPOSED Line Item Amount:	50,700

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	56,700
% Change Actual Year End compared to Proposed Line item amount.	1.4%
% Change to Previous Year Budget	(10.6%)
Dollar difference between proposed budget & current budget	-6,000

NARRATIVE:

	<u>FY 17/18</u>
Gasoline	\$25,000.00
Diesel	\$3,000.00
FastTrak	\$200.00
Mobile Phones*	\$12,500.00
Service & Repairs	\$10,000.00
	<u>\$50,700.00</u>

Total

* Includes \$5000 for employee adds - Public outreach and Meter Reading

Jul	Aug	Sept	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

Budget Worksheet

Fiscal Year
2017/2018

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5620	Description: Office & Billing Expenses
Actual Amount As Of:	30-Apr 2017	182,423
PROJECTED ACTIVITY to END of FY:		42,577
Projected YEAR END TOTAL:		225,000

PROPOSED Line Item Amount:	225,500
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	170,775
% Change Actual Year End compared to Proposed Line item amount.	0.2%
% Change to Previous Year Budget	32.0%
Dollar difference between proposed budget & current budget	54,725

NARRATIVE:

See Sheet 5620 A which details the cost items comprising this line item
Category was underbudgeted in prior years given recent historical activity.

5620-00	General Office	\$	30,000		
5620-30	Billing & Fulfillment Services	\$	36,000		
5620-31	Payroll	\$	8,500		
5620-32	Equipment Leases/Maint	\$	22,600		
5620-33	Credit Card/Bank Fees	\$	48,000		
5620-34	Office Facilities/Communication	\$	72,400		
5620-35	Bad Debt Expense	\$	8,000	\$	225,500

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

Account 5620 - Detail of Account

Acct No	Account Name	Description		Amount
5620-00	General Office	Postage/Printing	\$	17,000
		Office Supplies	\$	10,000
		Recruitment/HR Related	\$	3,000
				\$ 30,000
5620-30	Billing Fulfillment Services	Dataprose		\$ 36,000
5620-31	Payroll	Payroll Processing with ADP		\$ 8,500
5620-32	Leases/Equipment Maint	Pitiney Bowes	\$	2,600
		Ricoh Copy Machine	\$	12,000
		Office Equipment Repairs	\$	3,000
		Office Alarms and Security Camera	\$	5,000
				\$ 22,600
5620-33	Credit Card/Bank Fees			\$ 48,000
5620-34	Office Facilities/Communications	Janitorial Service/Carpet Cleaning	\$	8,500
		Office Building	\$	5,000
		Iron Mountain - Offsite Storage	\$	6,500
		PG&E - District Office	\$	8,400
		US Telepacific	\$	24,000
		AT&T	\$	20,000
				\$ 72,400
5620-35	Bad Debt Expense			\$ 8,000
				\$ 225,500

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5625	Description: Meetings/Training/Seminars
Actual Amount As Of: 30-Apr 2017	19,187
PROJECTED ACTIVITY to END of FY:	4,813
Projected YEAR END TOTAL:	24,000

PROPOSED Line Item Amount:	24,000
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	24,000
<hr/>	
% Change Actual Year End compared to Proposed Line item amount.	0.0%
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

	<u>Amount</u>
Conferences (District Employees)	\$ 5,000
Conferences/Seminars (Board of Directors)	\$ 3,000
Staff Training/Seminars/Continuing Education	\$ 4,000
Safety Training (CINTAS)	\$ 7,000
WTO/WDO Renewal/Application Fees	\$ 2,000
Water Resource Meetings, Training, Seminars	\$ 3,000
TOTAL	<u>\$ 24,000</u>

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5630 Description: Insurance	
Actual Amount As Of: 30-Apr 2017	98,697
PROJECTED ACTIVITY to END of FY:	16,303
Projected YEAR END TOTAL:	115,000
PROPOSED Line Item Amount:	120,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET: 120,000

% Change Actual Year End compared to Proposed Line item amount.	4.3%
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:	FY 17/18
Auto/General Liability	\$57,000
Property Program	\$21,000
Workers Compensation	\$42,000
TOTAL	<u><u>\$120,000</u></u>

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5687	Description: Memberships & Subscriptions
Actual Amount As Of:	30-Apr 2017	59,863
PROJECTED ACTIVITY to END of FY:		14,137
Projected YEAR END TOTAL:		74,000
PROPOSED Line Item Amount:		75,350

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	74,000
% Change Actual Year End compared to Proposed Line item amount.	1.8%
% Change to Previous Year Budget	1.8%
Dollar difference between proposed budget & current budget	1,350

NARRATIVE: See attached worksheet for detail of costs

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

Worksheet 5687A			
Budget Detail Worksheet			
Line Item: Memberships & Subscriptions			Description
Acct. No. 5687		Amount	
	Alliance for Water Efficiency	\$ 500	Annual Membership
	ACWA	\$ 15,000	Membership dues/Delta Sustainability
	AWWA	\$ 2,000	Membership dues and technical publications
	BAWSCA	\$ 32,000	Annual assessment & dues
	California Emergency Utilities	\$ 500	Annual Membership
	California Special Districts	\$ 7,000	Annual membership
	California Urban Water Conservation Council	\$ 2,500	Annual Membership
	Chamber of Commerce	\$ 600	Membership dues
	CSDA	\$ 5,000	Membership dues
	Half Moon Bay Review	\$ 60	Annual Subscription
	IAMPO	\$ 100	Subscription for Backflow Prevention Magazine
	Miscellaneous	\$ 3,390	Miscellaneous Dues/Memberships/Subscriptions
	Tyler User Groups	\$ 1,000	Tyler Software
	Water Education Foundation	\$ 1,000	Membership dues and technical publications
	Water Net	\$ 250	Publication & Membership
	Water Research Foundation	\$ 1,100	Annual Membership Dues
	Water ReUse	\$ 600	Annual Association Dues
	Wellness Program	\$ 1,500	Wellness Program group membership in health club
	West Group (Formally Barclays)	\$ 600	Updates on California Code of Regulations regarding construction laws
	Wienhoff & Associates	\$ 650	Consortia Fee
	TOTAL	\$ 75,350	

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5688 Description: Election Expense	
Actual Amount As Of: 30-Apr 2017	0
PROJECTED ACTIVITY to END of FY:	0
Projected YEAR END TOTAL:	0
PROPOSED Line Item Amount:	0

Approved Line Item Amount:

PREVIOUS YEAR BUDGET: 0

% Change Actual Year End compared to Proposed Line item amount.

% Change to Previous Year Budget

Dollar difference between proposed budget & current budget 0

NARRATIVE:

No elections in 2017/18 (next election November 2018)

Spread:

Jul	Aug	Sep	Oct	Nov	Dec	Totals
Jan	Feb	Mar	Apr	May	Jun	

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5689 Description: Union Expenses	
Actual Amount As Of: 30-Apr 2017	0
PROJECTED ACTIVITY to END of FY:	6,000
Projected YEAR END TOTAL:	6,000
PROPOSED Line Item Amount:	6,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET: 6,000

% Change Actual Year End compared to Proposed Line item amount. 0.0%

% Change to Previous Year Budget 0.0%

Dollar difference between proposed budget & current budget 0

NARRATIVE:

Union Negotiation Services		\$ 6,000
	TOTAL	<u>\$ 6,000</u>

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5700 Description: County Fees	
Actual Amount As Of: 30-Apr 2017	11,242
PROJECTED ACTIVITY to END of FY:	7,758
Projected YEAR END TOTAL:	19,000
PROPOSED Line Item Amount:	20,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	19,000
% Change Actual Year End compared to Proposed Line item amount.	5.3%
% Change to Previous Year Budget	5.3%
Dollar difference between proposed budget & current budget	1,000

NARRATIVE:

1. The cost of the LAFCo budget, estimated	\$6,000.00
2. Hazardous Material Handling (Nunes & Denniston)	\$4,000.00
3. Property Taxes	\$1,500.00
4. Annual Encroachment Permit	\$7,000.00
5. District Digital Mapping - Secured Master Data	\$1,500.00
	<u>\$20,000.00</u>

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5705 Description: State Fees	
Actual Amount As Of: 30-Apr 2017	37,135
PROJECTED ACTIVITY to END of FY:	2,865
Projected YEAR END TOTAL:	40,000

PROPOSED Line Item Amount:	24,000
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	16,000
<hr/>	
% Change Actual Year End compared to Proposed Line item amount.	(40.0%)
% Change to Previous Year Budget	50.0%
Dollar difference between proposed budget & current budget	8,000

NARRATIVE:

- #1 Fees are charged by the State Water Resources Control Board for reviewing applications and annual permits/reports on operation of the Nunes & Denniston *Water Treatment Plants*
- #2 Water Rights (initialized by SWRCB) for both Pilarcitos & San Vicente
- #3 RWQCB NPDES Annual Fee (estimated)
- #4 Bay Area Air Quality Management Dist - Permits to Operate

#1	\$16,000
#2	\$2,000
#3	\$2,000
#4	\$4,000
	<hr/>
	\$24,000

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

Line Item **Amount**

Acct. No. **5712** Description: **Existing Bonds - 2006B**

Actual Amount As Of: 30-Apr 2017 **486,360**

PROJECTED ACTIVITY to END of FY: **0**

Projected YEAR END TOTAL: **486,360**

PROPOSED Line Item Amount:	486,776
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET: **486,426**

% Change Actual Year End compared to Proposed Line item amount.	0.1%
% Change to Previous Year Budget	0.1%
Dollar difference between proposed budget & current budget	350

NARRATIVE:

CSCDA Pooled Financing Program Series 2006B

September 2017 Payment	\$361,856
March 2018 Payment	\$121,963
Annual fees (CSCDA/Admin Fees)	\$2,957
	\$486,776

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5715 Description: Existing Bond-CIEDB 11-099	
Actual Amount As Of: 30-Apr 2017	336,409
PROJECTED ACTIVITY to END of FY:	0
Projected YEAR END TOTAL:	336,409
PROPOSED Line Item Amount:	336,269

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	338,024
% Change Actual Year End compared to Proposed Line item amount.	(0.0%)
% Change to Previous Year Budget	(0.5%)
Dollar difference between proposed budget & current budget	-1,755

NARRATIVE:

California Infrastructure & Economic Development Bank (I-Bank) - CIEDB-11-099

July 2017 Payment	\$262,467
January 2018 Payment	<u>\$73,802</u>
	\$336,269

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2017/2018**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5716 Description: CIEDB 16-111	
Actual Amount As Of: 30-Apr 2017	145,203
PROJECTED ACTIVITY to END of FY:	0
Projected YEAR END TOTAL:	145,203
PROPOSED Line Item Amount:	324,652

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	145,203
% Change Actual Year End compared to Proposed Line item amount.	123.6%
% Change to Previous Year Budget	123.6%
Dollar difference between proposed budget & current budget	179,449

NARRATIVE:

Reflects new Ibank loan per loan schedule

(due 8/1)	July payment	\$229,848
(due 2/1)	January payment	<u>\$94,804</u>
		\$324,652

Spread:

Jul	Aug	Sep	Oct	Nov	Dec
Jan	Feb	Mar	Apr	May	Jun

Project #	Project Name	Comments	FY 17/18	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	FY 17/18 to FY 26/27 Total
Equipment Purchase & Replacement													
06-03	SCADA/Telemetry/Electric Controls Replacement (<i>Backup Communications @ Cahill, PRV controls</i>)	\$50K added for each year	\$ 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	cost increase (from \$80K)			\$ 200,000								\$ 200,000
08-12	New Service Truck	cost increase (from \$200K)	\$ 250,000										\$ 250,000
15-04	Vactor Truck/Trailer	moved from FY18/19						\$ 500,000					\$ 500,000
99-02	Vehicle Replacement	added vehicle replacements	\$ 90,000	\$ 90,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 420,000
99-03	Computer Systems		\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 50,000
99-04	Office Equipment/Furniture		\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 30,000

Equipment Purchase & Replacement Totals			\$ 398,000	\$ 148,000	\$ 288,000	\$ 88,000	\$ 88,000	\$ 588,000	\$ 88,000	\$ 88,000	\$ 88,000	\$ 88,000	\$ 1,950,000
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Facilities & Maintenance

08-08	PRV Valves Replacement Project		\$ 30,000	\$ 30,000	\$ 30,000								\$ 90,000
09-07	Advanced Metering Infrastructure	moved up installation from FY18/19; added \$250K for contract installation in FY17/18; removed \$50K in FY19/20 and \$20K/yr from FY18/19 forward; net 5 year change = + \$160K	\$ 850,000										\$ 850,000
09-09	Fire Hydrant Replacement		\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 400,000
15-03	District Administration/Operations Center										\$ 3,000,000		\$ 3,000,000
16-07	Sample Station Replacement Project	moved up installation -- will complete over two years; previously budgeted at \$5K per year for 8 years	\$ 20,000	\$ 20,000									\$ 40,000
17-15	Pilarcitos Canyon Emergency Road Repairs	Permit for Feb 2017 storm repairs requires additional restoration work	\$ 100,000										\$ 100,000
99-01	Meter Change Program	moved up \$300K from FY 18/19	\$ 600,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 780,000

Facilities and Maintenance Totals			\$ 1,640,000	\$ 110,000	\$ 90,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 3,060,000	\$ 60,000	\$ 5,260,000
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Pipeline Projects

06-02	Highway 1 South Pipeline Replacement Project	moved up from FY 19/20; reduced cost \$800K	\$ 80,000	\$ 500,000									\$ 580,000
07-03	Pilarcitos Canyon Pipeline Replacement	moved up from FY 23/24 (interest from SFPUC) -- reduced cost \$400K	\$ 150,000	\$ 600,000									\$ 750,000
07-04	Bell Moon Pipeline Replacement Project							\$ 60,000	\$ 250,000				\$ 310,000
13-02	Replace 8 Inch Pipeline Under Creek at Pilarcitos Ave						\$ 400,000						\$ 400,000
14-01	Replace 12" Welded Steel Line on Hwy 92 with 8"		\$ 300,000			\$ 1,000,000	\$ 1,000,000	\$ 1,000,000					\$ 3,300,000
14-26	Replace 2" Pipe in Downtown Half Moon Bay	shifted from FY 16/17 - will go out to bid in April 2017 - plan is to complete in summer, 2017 (funds will be available from 2016/17 budget)	\$ 500,000										\$ 500,000
14-27	Grandview 2 Inch Replacement							\$ 450,000					\$ 450,000
14-28	Replace 2 Inch Hilltop Market to Spanishtown							\$ 240,000					\$ 240,000
14-29	Replace 2 Inch GS Purissima Way				\$ 125,000								\$ 125,000
14-30	Replace Miscellaneous 2 Inch GS El Granada				\$ 60,000								\$ 60,000
14-31	Ferdinand Avenue - Replace 4" WS Ferdinand Ave. to Columbus			\$ 225,000									\$ 225,000
14-32	Casa Del Mar - Replace Cast Iron Mains						\$ 1,000,000	\$ 1,000,000					\$ 2,000,000
14-33	Miramar Cast Iron Pipeline Replacement								\$ 500,000	\$ 1,000,000			\$ 1,500,000
16-09	Slipline 10 Inch Pipeline in Magellan at Hwy 1			\$ 100,000									\$ 100,000
18-01	Pine Willow Oak - 2400 feet	new					\$ 500,000						\$ 500,000
18-12	Installation of (2) Valves - Ritz Carlton	new - given April 2017 leak; valves will allow isolation of leaks in order to avoid shutting off service to the hotel	\$ 20,000										\$ 20,000
NN-00	Pipeline Replacement							\$ 1,050,000	\$ 750,000	\$ 500,000	\$ 1,500,000	\$ 1,500,000	\$ 3,800,000

Pipeline Projects Totals			\$ 1,050,000	\$ 1,425,000	\$ 185,000	\$ 1,000,000	\$ 2,900,000	\$ 2,000,000	\$ 1,800,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 14,860,000
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Pump Stations/Tanks/Wells

06-04	Hazen's Tank Replacement	moved from FY 16/17	\$ 30,000										\$ 30,000
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Project #	Project Name	Comments	FY 17/18	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	FY 17/18 to FY 26/27 Total
08-14	Alves Tank Recoating, Interior & Exterior	increased cost from \$600K	\$ 100,000	\$ 1,500,000									\$ 1,600,000
08-16	Cahill Tank Exterior Recoat	moved from FY 18/19 to FY 19/20			\$ 75,000								\$ 75,000
09-18	New Pilarcitos Well			\$ 150,000									\$ 150,000
11-02	CSPS Stainless Steel Inlet Valves	moved from FY 19/20 to FY 20/21			\$ 100,000								\$ 100,000
11-05	Half Moon Bay Tank #2 Interior & Exterior Recoat	moved from FY 17/18; increased cost from \$200K			\$ 20,000	\$ 400,000							\$ 420,000
11-06	Half Moon Bay Tank #3 Interior & Exterior Recoat	moved from FY 19/30; increased cost from \$200K					\$ 20,000	\$ 400,000					\$ 420,000
13-08	Crystal Springs Spare 350 HP Motor	cost increase of \$10K	\$ 60,000										\$ 60,000
16-08	New Denniston Well #2	moved from FY 17/18		\$ 100,000									\$ 100,000
18-02	CSP Air Relief Valves	new	\$ 40,000										\$ 40,000
18-03	CSP Spare 500 Pump Rehabilitation	new	\$ 30,000										\$ 30,000
18-04	CSP Fire System	new		\$ 40,000									\$ 40,000
18-05	Denniston Tank THM Control (Mixer & Blower)	new	\$ 80,000										\$ 80,000
18-06	CSP -- (3) Butterfly Valves	new		\$ 45,000									\$ 45,000
18-07	EG #2 Tank Chlorination System (Residual control system)	new	\$ 50,000										\$ 50,000
18-08	CSP Communications	new	\$ 50,000										\$ 50,000

Pump Stations/Tanks/Wells Totals \$ 440,000 \$ 1,835,000 \$ 195,000 \$ 400,000 \$ 20,000 \$ 400,000 \$ - \$ - \$ - \$ - \$ 3,290,000

Water Supply Development

12-12	San Vicente Diversion and Pipeline	moved out 1 year			\$ 300,000	\$ 1,000,000	\$ 1,000,000						\$ 2,300,000
13-04	Denniston Reservoir Restoration				\$ 1,000,000								\$ 1,000,000
17-12	Recycled Water Project Development		\$ 100,000										\$ 100,000

Water Supply Development Totals \$ 100,000 \$ - \$ 1,300,000 \$ 1,000,000 \$ 1,000,000 \$ - \$ - \$ - \$ - \$ 3,400,000

Water Treatment Plants

08-07	Nunes Filter Valve Replacement	cost increase (was \$30K/yr)		\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000					\$ 225,000
13-05	Denniston WTP Emergency Power	moved from FY 18/19							\$ 500,000				\$ 500,000
17-01	Nunes Water Treatment Plant Treated Water Meter	moved from FY 16/17			\$ 100,000								\$ 100,000
17-04	Denniston Dam Spillway Repairs		\$ 90,000										\$ 90,000
18-09	Denniston Heater	new	\$ 15,000										\$ 15,000
18-10	Nunes Treatment Plant Improvements - Study (Filter 5, Filter Coating, etc.)	new	\$ 100,000										\$ 100,000
18-11	Nunes Bulk Caustic Tank	new	\$ 40,000										\$ 40,000
99-05	Denniston Maintenance Dredging		\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 350,000

Water Treatment Plants Totals \$ 280,000 \$ 80,000 \$ 180,000 \$ 80,000 \$ 80,000 \$ 80,000 \$ 535,000 \$ 35,000 \$ 35,000 \$ 35,000 \$ 1,420,000

GRAND TOTAL \$ 3,908,000 \$ 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 \$ 30,180,000

MEMO - Prior CIP Difference
 \$ 1,968,000 \$ 3,293,000 \$ 3,898,000 \$ 2,188,000 \$ 2,588,000 \$ 2,308,000 \$ 2,718,000 \$ 1,620,000 \$ 4,615,000
 \$ 1,940,000 \$ 305,000 \$ (1,660,000) \$ 440,000 \$ 1,560,000 \$ 820,000 \$ (235,000) \$ 63,000 \$ 68,000

5 year change \$ 2,585,000 **5 year average** \$ 3,304,000

Alves/other tank cost increases	\$ 1,220,000
Moved up Pilarcitos Canyon	\$ 750,000
Moved HMB 2" replacement from 16/17	\$ 500,000
AMI installation (net change)	\$ 160,000
Hwy 1 S cost decrease	\$ (800,000)
New projects/other	\$ 755,000
Total	\$ 2,585,000

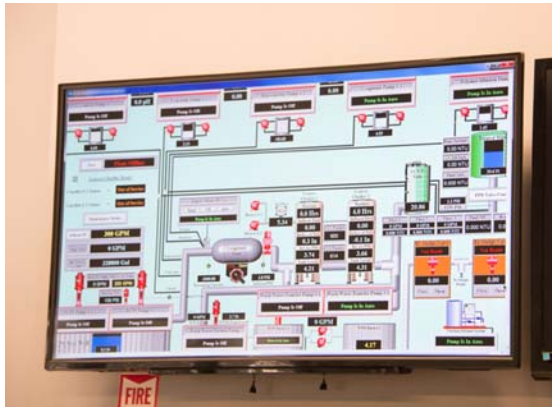
06-03 SCADA/Telemetry/Electrical Controls Replacement

Equipment Purchase & Replacement

Priority: 1 Improves operational efficiency, ensures reliable facility control and communication of critical operations data.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$500,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000

Description: This project provides for ongoing upgrading and replacement of controls at all the District's facilities and construction of a radio-based and cellular data communications network. Digital controllers at the District's facilities monitor reservoir levels, control treatment processes and pump stations, communicate critical data to the District's operations center, and notify operators of alarm conditions.



08-10 Backhoe

Equipment Purchase & Replacement

Priority: 2 Replaces essential District equipment.

		FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted:	\$200,000			200,000							

Description: District crews use a backhoe on a frequent basis for leak repairs. The District purchased its current backhoe in 2006. This project would replace the backhoe with a new unit. (Note that our 2006 model is up for smog testing in 2019, will not pass under the current standards, and cannot be economically modified to meet current standards.)

08-12 New Service Truck

Equipment Purchase & Replacement

Priority: 2 Maintains essential District equipment.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$250,000	250,000									

Description: The District's single service truck is the field crew's most important asset in responding to leaks, main breaks, and other critical system maintenance tasks. The current truck (model year 2000) is near the end of its service life and does not have sufficient load capacity to carry necessary equipment safely and efficiently.



15-04 Vactor Truck/Trailer

Equipment Purchase & Replacement

Priority: 2 Maintains essential District facilities.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$500,000						500,000				

Description: Due to increased regulation of potable water discharges and risks associated with excavating around existing underground utilities, many water agencies have adopted the use of vacuum equipment for excavation of leaks. This item would fund purchase of a vactor truck.

99-02 Vehicle Replacement

Equipment Purchase & Replacement

Priority: 2 Replaces essential District equipment.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$420,000	90,000	90,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000

Description: The District generally considers vehicles – primarily pickup trucks – to have a useful life of 10 years or 100,000 miles. This project provides funding for periodic replacement of the vehicle fleet. The District's vehicle fleet has not been upgraded/replaced according to our planned replacement schedule over the last five years. As of FY 2016/17, the District has 5 vehicles older than 10 years. 3 more vehicles will reach 10 years old in FY 2017/18. The CIP reflects: 1) replacing 2 vehicles in FY 2017/18, and buying an additional treatment plant vehicle (given our expanded use of the Denniston facility.) 2) replacing 3 more vehicles in FY 2018/19. 3) 1 vehicle per year thereafter.

99-03 Computer Systems

Equipment Purchase & Replacement

Priority: 2 Maintains essential District facilities.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$50,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000

Description: Provides for ongoing replacement of computer systems on a lifecycle of 3 to 5 years.

99-04 Office Equipment/Furniture

Equipment Purchase & Replacement

Priority: 2 Maintains essential district facilities.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$30,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000

Description: Provides for ongoing replacement of District office equipment and furniture.

08-08 PRV Valves Replacement Project

Facilities & Maintenance

Priority: 1 Maintains distribution system circulation and water quality

		FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted:	\$90,000	30,000	30,000	30,000							

Description: 14 pressure reducing valves (PRV) divide the District's distribution system into four pressure zones. As the valves reach the end of their service life, they may stop or restrict the flow between zones, creating dead ends in the system and increasing the risk of water quality problems. This project provides funding to replace PRV's at one PRV per year. Project will be completed by FY 2019/20.

09-07 Advanced Metering Infrastructure

Facilities & Maintenance

Priority: 2 Ensures efficient District operation and customer service, particularly during water shortages

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$850,000	850,000									

Description: Advanced Metering Infrastructure (AMI) represents an essential element of a larger District initiative to prepare the District to operate efficiently and meet the needs of its customers during future water shortages. An AMI network transmits meter readings directly to the District's office, eliminating the current labor-intensive manual reading process. AMI provides the ability to read meters daily – or even more frequently – rather than monthly or bimonthly. This facilitates leak detection and allows us to give customers timely feedback that helps them manage their water use. The District began implementing the Aclara AMI network in FY 2016/17 and plans to complete the installation District-wide (7,400 radio endpoints) during FY 2017/18. In conjunction with the AMI installation, the District is replacing all of its residential meters and many of its non-residential and fire meters (see project 99-01.) The FY 2017/18 budget includes \$250,000 for an outside contractor to assist with the AMI installation and meter replacement.



09-09 Fire Hydrant Replacement

Facilities & Maintenance

Priority: 3 Maintains essential district infrastructure.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$400,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000

Description: This project provides continuing funding for replacement of fire hydrants that have reached the end of their service life. The district has about 620 fire hydrants, and the cost of replacing a hydrant ranges from \$5000-\$7000.

16-07 Sample Station Replacement Project

Facilities & Maintenance

Priority: 3

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$40,000	20,000	20,000								

Description: Our present (24) sample stations are not suitably designed for use on the coast. The housing corrodes, causing difficulty with opening and closing. In addition, many stations need to be raised above the ground level. This project started in FY 2016/17, and all stations will be replaced by FY 2018/19.

17-15 Pilarcitos Canyon Emergency Road Repairs

Facilities & Maintenance

Priority: 1 Repairs to comply with permit

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$100,000	100,000									

Description: During FY 2016/17, the District sustained heavy damage to our access road in Pilarcitos Canyon which required significant emergency repairs. This project provides for the restoration of the environment surrounding Pilarcitos Creek and our access road, as required by our emergency permit from the Army Corps of Engineers.



99-01 Meter Change Program

Facilities & Maintenance

Priority: 1 Ensures accuracy of metering for billing purposes.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$780,000	600,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000

Description: This project provides funding for the District's replacement of meters that have reached the end of their service life. New meters will be Badger ultrasonic meters, guaranteed to maintain their original accuracy for 20 years. Existing mechanical meters, which lose their accuracy over time, will be phased out. In FY2016/17, the District began replacing its residential meters in conjunction with the implementation of Advanced Metering Infrastructure (AMI). The District plans to complete its replacement of residential meters as well as many commercial and fire meters during FY 2017/18 . Following the AMI implementation period, the budget provides for a lower level of continuing meter replacement including ongoing replacement of larger meters (2" and above.)



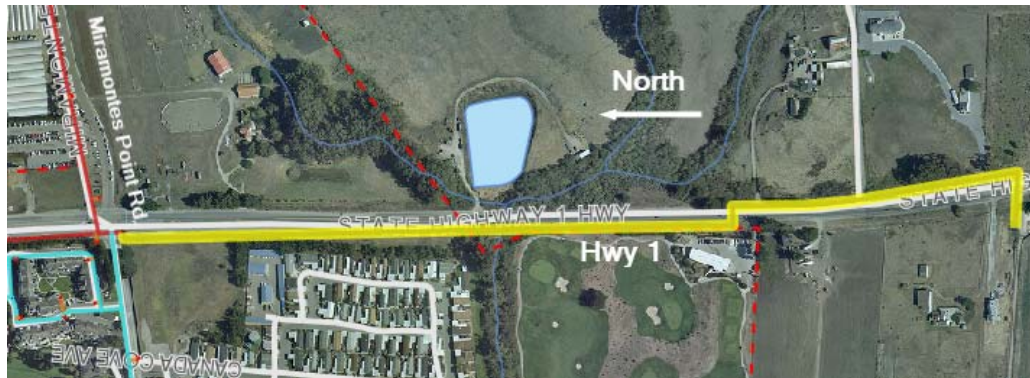
06-02 Highway 1 South Pipeline Replacement Project

Pipeline Projects

Priority: 2 Replaces obsolete, substandard main and improves water service and water quality.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$580,000	80,000	500,000								

Description: This project would replace about 3500 feet of 2 inch galvanized steel pipe running south along Highway 1 from Miramontes Point Road with 2" HDPE installed by directional boring. The pipeline was part of the Citizens Utilities system acquired when the district was formed in 1948. It serves six connections, one at the approximate midpoint and five at the southern end of the line. These services experience low-pressure problems due to the deteriorated state of the existing pipe as well as the corrosion induced small size and length of the pipe in the prevailing lower pressures in the southernmost part of the District. The low-pressure also creates the risk of water quality problems.



07-03 Pilarcitos Canyon Pipeline Replacement

Pipeline Projects

Priority: 1 This project is vital because gravity flow from Pilarcitos saves up to \$40,000 per month in Crystal Springs pumping costs and provides a backup water source for the district in the event of a Crystal Springs pump station failure.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$750,000	150,000	600,000								

Description: The Pilarcitos Canyon Pipeline (also called Stone Dam Pipeline) conveys water from SFPUC's Pilarcitos Reservoir by gravity into the District's system. The original 12 inch welded steel pipeline, built in 1948, failed in an inaccessible area of the pipeline alignment in August 2012. Due to the age and condition of the pipe and the difficulty of working at the failure site, District staff concluded that repairing the pipeline was not feasible. In November 2012, the District obtained a permit from San Francisco to install an emergency temporary replacement pipeline to supply water while the District plans, designs, and constructs a permanent replacement pipe. District staff and contractors completed construction of the temporary line in December 2012. We propose to remove the approximately 2,600 linear feet of temporary above-ground Yelomine PVC pipeline and replace it in the same general alignment with approximately 2,300 linear feet of buried 12 inch ductile iron pipeline.

07-04 Bell Moon Pipeline Replacement Project

Pipeline Projects

Priority: 3 The District's welded steel pipelines are generally at least 50 years old and subject to increasing risk of failure.

		FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted:	\$310,000							60,000	250,000		

Description: Replaces approximately 725 feet of 12 inch welded steel pipeline serving the light industrial area between Lewis Foster Drive and Highway 92.



13-02 Replace 8 Inch Pipeline Under Creek at Pilarcitos Ave.

Pipeline Projects

Priority: 1 Prevents water loss and environmental damage, protects water quality.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$400,000					400,000					

Description: The 8 inch pipeline crossing Pilarcitos Creek between the end of Pilarcitos Avenue just south of the creek and Strawflower Shopping Center is one of only two pipelines supplying water to areas of the district south of Pilarcitos Creek. The pipe's age, current condition, and exact location in the creek are unknown. A break occurring in the section of pipe underneath the creek bed would be very difficult to detect and could cause significant water loss, serious water quality issues which could result in a District-wide boil water order, and environmental damage with potential fines. This project will replace the section of pipe under the creek with either 1) a pipe running over the creek, attached to the existing footbridge between the end of Pilarcitos Avenue and the shopping center, or 2) a pipe installed under the creek by horizontal directional drilling. Initial phase work to be completed in June 2017 will consist of installing approximately 400 feet of 8-inch pipe within the Strawflower access road from Highway 92, which would ensure water supply to commercial customers in the event of a problem with the existing pipe in the creek.



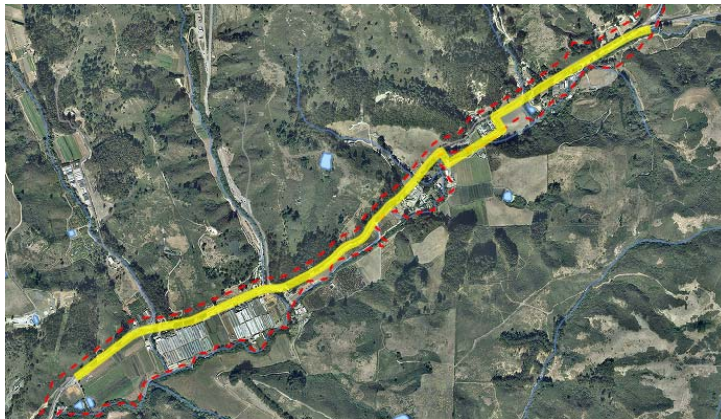
14-01 Replace 12" Welded Steel Line on Hwy 92 with 8" DI

Pipeline Projects

Priority: 2 Replacing this pipeline is important to reduce costs, lower environmental risks, and improve water quality.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$3,300,000	300,000			1,000,000	1,000,000	1,000,000				

Description: When the District built the new Pilarcitos East Pipeline to bring untreated water from Pilarcitos Reservoir and Crystal Springs to the Nunes Water Treatment Plant, the existing 12 inch welded steel raw water pipeline running along Highway 92 was repurposed to supply treated water to services along Highway 92. This (approximately) 12,000 foot pipeline is one of the oldest in the District and, like other welded steel pipelines, is at the end of its useful life. District crews have repaired a number of leaks along the pipe in recent years, and we would expect the frequency of repairs to increase. A large leak in a section of pipeline close to Pilarcitos Creek could cause significant environmental damage. In addition, the large size of the pipe relative to the low flow demands of the limited number of services along Highway 92 creates water quality problems. Given its length and the need for construction along the busy highway, replacing this pipe will be challenging. Construction would occur in phases, beginning with the sections at highest risk for costly failures. FY 2017/18 CIP: Approximately 600 feet in the vicinity of La Nebbia Winery is in very poor condition and is very costly and dangerous to repair given its proximity to Highway 92, high pressure gas mains and fiber optic communication lines. We propose to replace this section first using horizontal directional drilling.



14-26 Replace 2 Inch Pipe Downtown Half Moon Bay

Pipeline Projects

Priority: 1 Replaces obsolete infrastructure, improves water service, fire protection.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$500,000	500,000									

Description: This project would replace approximately 2500 feet of 2 inch galvanized mains in and around downtown Half Moon Bay. These mains are old, subject to frequent leaks, and incapable of supplying required pressures and flows. Replacing them will allow the District to increase the water pressure in downtown Half Moon Bay and areas to the south.



14-27 Grandview 2 Inch Replacement

Pipeline Projects

Priority: 3 Replaces substandard infrastructure, improves water service, fire flows.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$450,000							450,000			

Description: This project would replace approximately 2300 feet of 2 inch plastic mains in the Grandview Boulevard neighborhood. These mains are substandard and do not provide the required pressure and flow for fire protection.



14-28 Replace 2 Inch Hilltop Market to Spanishtown

Pipeline Projects

Priority: 3 Replaces obsolete infrastructure, improves water service, fire flows.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$240,000							240,000			

Description: This project would replace approximately 1200 feet of 2 inch PVC main running along Highway 92 from Hilltop Market to Spanishtown. This main is old, substandard, and incapable of providing required flow and pressure.



14-29 Replace 2 Inch GS Purisima Way

Pipeline Projects

Priority: 3 Replaces obsolete infrastructure, improves water service, fire flows.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$125,000			125,000							

Description: This project would replace approximately 700 feet of 2 inch galvanized steel main along Purisima Way, north of Miramar Drive. The steel main is substandard and does not provide required flow and pressure.



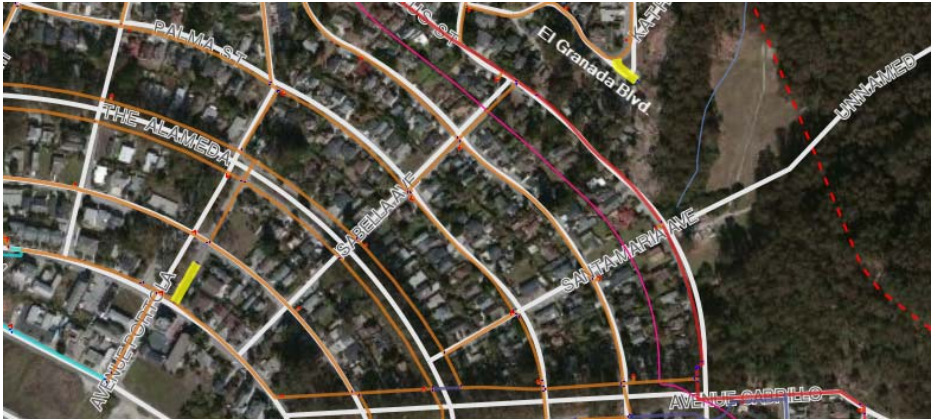
14-30 Replace Miscellaneous 2 Inch GS El Granada

Pipeline Projects

Priority: 3

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$60,000			60,000							

Description: This project would replace approximately 300 feet of 2 inch galvanized steel mains in El Granada that were not included under other projects.



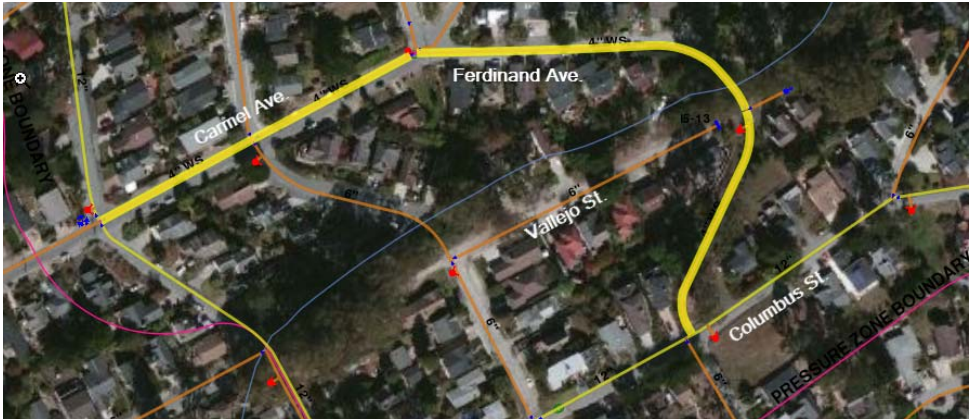
14-31 Ferdinand Avenue - Replace 4" WS Ferdinand Ave. to Columbus St.

Pipeline Projects

Priority: 1 Pipeline is welded steel, more than 50 years old, has had numerous leaks.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$225,000		225,000								

Description: This project would replace approximately 1500 feet of 4 inch welded steel pipeline in El Granada, running along Carmel Avenue and along Ferdinand from Carmel to Columbus (partially paper street).



14-32 Casa Del Mar - Replace Cast Iron Mains

Pipeline Projects

Priority: 2 These cast iron pipelines are nearing the end of their useful life, leaks are increasing, and repairs are expensive.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$2,000,000					1,000,000	1,000,000				

Description: Cast iron mains in the Casa Del Mar neighborhood (between Kehoe Avenue and Wave Avenue) were installed between 1965 and 1976. This project would replace approximately 10,700 feet of 4 inch, 6 inch, 8 inch, and 10 inch cast iron pipelines. There have been numerous leaks in this neighborhood, and leaks have caused significant pavement damage due to high pressure in the area.



14-33 Miramar Cast Iron Pipeline Replacement

Pipeline Projects

Priority: 2 Maintains essential District infrastructure

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$1,500,000								500,000	1,000,000	

Description: This project would replace about 11,000 feet of 8 inch and 10 inch cast iron mains in an area of Miramar bounded approximately by Highway 1, Medio Avenue, and Washington Blvd. Most of these pipes were installed in the mid-1960's.



16-09 Slipline 10-inch Pipeline in Magellan at Hwy 1

Pipeline Projects

Priority: 1

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$100,000		100,000								

Description: On the night of November 23, 2014, the 10-inch cast iron pipeline which runs down Magellan from 5th Avenue and across Highway 1 failed in the field east of Highway 1, causing the loss of more than 750,000 gallons of water and leading to a boil order in some El Granada neighborhoods. This project will prevent similar problems with this line in the future by lining it with a smaller pipe.

18-01 Pine - Willow - Oak 2,400 feet Pipeline Replacement

Pipeline Projects

Priority: 2

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$500,000					500,000					

Description: The cast iron 4" mains were installed in the early sixties and are now approaching 60 years old. This neighborhood has had 10 breaks, 8 of which occurred since 2007.



18-12 Addition of (2) Valves at Ritz Carlton/Ocean Colony

Pipeline Projects

Priority: 1

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$20,000	20,000									

Description: This project would add 2 valves to the main near the Ritz Carlton that will enable our operators to isolate leaks while still continuing service to the hotel. (Note that in April 2017, a leak resulted in the Ritz Carlton hotel being without water for a few hours.)

NN-00 Pipeline Replacement

Pipeline Projects

Priority: 3

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$2,300,000							1,050,000	750,000	500,000	

Description: Placeholder for cost of continuing pipeline replacement.

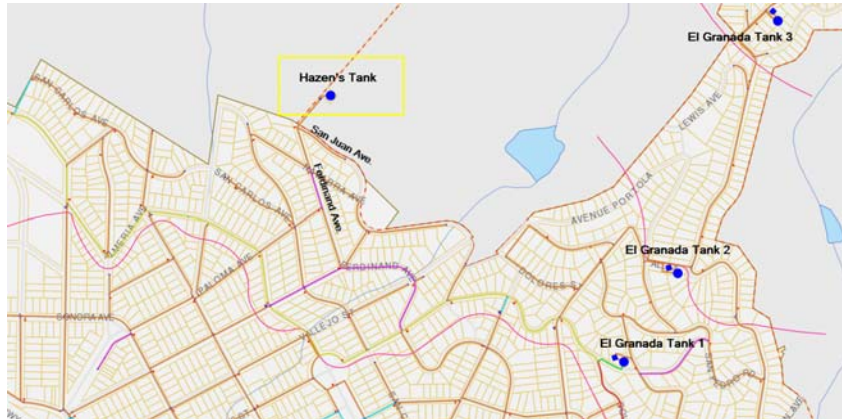
06-04 Hazen's Tank Replacement

Pump Stations/Tanks/Wells

Priority: 3

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$30,000	30,000									

Description: Hazen's tank is a 50,000 gallon redwood tank of uncertain age which was moved to the present site near the intersection of San Juan Ave. and Ferdinand Avenue in the mid-1960s. Its purpose is to stabilize water pressures in the nearby higher elevation areas of El Granada within the El Granada Tank 2 pressure zone. This tank has reached the end of its useful life, and its redwood construction raises the risk of water quality problems. Hazen's Tank may no longer be needed when the Denniston Treated Water Booster Station (Project 12-04) becomes operational. (The Denniston Booster Station will be completed Summer, 2017.) The current budget of \$30,000 would cover removal of the existing tank.



08-14 Alves Tank Recoating, Interior + Exterior

Pump Stations/Tanks/Wells

Priority: 1 Maintains critical district infrastructure.

		FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted:	\$1,600,000	100,000	1,500,000								

Description: Under a comprehensive program initiated in 2008, the District has inspected and performed long-deferred maintenance on its steel treated water storage tanks. The maintenance generally consists of repairing corrosion damage, recoating the interior and exterior of the tank, and bringing ladders, manways, railings and other tank features up to current standards. The Alves Tank, located above Miramontes Point Road east of Highway 1, is the District's largest at 2.0 million gallons. This project provides for repairing and recoating the Alves Tank. Project costs will include installation and operation of a temporary pump station to ensure adequate flow and pressure to customers in the southernmost area of the District during the tank shutdown. The project also includes replacement of the tank's altitude valve (formerly shown as Project 13-10 at a cost of \$50,000).



08-16 Cahill Tank Exterior Recoat

Pump Stations/Tanks/Wells

Priority: 3 Maintains essential district facilities

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$75,000			75,000							

Description: Under a comprehensive program initiated in 2008, the District has inspected and performed long-deferred maintenance on its steel treated water storage tanks. The maintenance generally consists of repairing corrosion damage, recoating the interior and exterior of the tank, and bringing ladders, manways, railings and other tank features up to current standards. The Cahill tank is a 250,000 gallon surge tank located on the ridge above Crystal Springs Reservoir, near Skylawn Cemetery. The tank receives raw water from the Crystal Springs pumps and provides for a uniform flow into the Nunes Water Treatment Plant. This project provides for exterior recoding of the Cahill tank.

09-18 New Pilarcitos Well

Pump Stations/Tanks/Wells

Priority: 2 Maintains essential district facilities, reduces water purchase costs.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$150,000		150,000								

Description: Water from a number of wells located on District property along upper Pilarcitos Creek represents an important water source for the District. Under the terms of a permanent water rights license, the District may pump up to 117 million gallons from these wells in the period from November 1 through March 31. Use of the wells results in substantial water cost savings versus the high cost of water purchased from San Francisco Public Utilities Commission. A new well producing 300 gallons per minute could reduce SFPUC water purchase costs by more than \$350,000 in a single pumping season (based on projected FY 18/19 SFPUC cost of \$4.10 per hundred cubic feet) This project provides for drilling a new Pilarcitos well to replace several older wells which have, over time, become less productive.

11-02 Crystal Springs Pump Station Stainless Steel Inlet Valves

Pump Stations/Tanks/Wells

Priority: 3 Maintains essential District infrastructure; Safety

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$100,000			100,000							

Description: This project would replace the existing carbon steel butterfly valves on the Crystal Springs Pump Station raw water inlets with stainless steel valves. The existing valves are submerged in the Crystal Springs inlet tunnel and subject to corrosion which could render them inoperable. These valves supplement inlet valves located in Crystal Springs reservoir to provide a second barrier against water entering the tunnel when it is necessary to dewater and enter the tunnel for maintenance or inspection purposes. Replacement of the steel inlet valves will complete a project initiated in 2011 to improve reliability and lower maintenance costs of the Crystal Springs Pump Station. The first project phases, completed in 2012, removed two pneumatically operated inlet valves from the tunnel, modified them for manual operation, and relocated them under the inlet screens in Crystal Springs reservoir. These valves would be closed when work is done in the tunnel. They provide an additional level of security to prevent engulfment of those working in the tunnel.

11-05 Half Moon Bay Tank #2 Interior + Exterior Recoat

Pump Stations/Tanks/Wells

Priority: 1 Maintains essential District facilities.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$420,000			20,000	400,000						

Description: Under a comprehensive program initiated in 2008, the District has inspected and performed long-deferred maintenance on its steel treated water storage tanks. The maintenance generally consists of repairing corrosion damage, recoating the interior and exterior of the tank, and bringing ladders, manways, railings and other tank features up to current standards. Half Moon Bay Tank #2 is a 400,000 gallon steel tank, one of three tanks located on the Nunes Treatment Plant site. The District completed repair and recoating of Half Moon Bay Tank #1, the smallest and the oldest of the three tanks, in 2012. The Tank #1 project also included providing improved access to the roof of Tank #2 via a catwalk from the roof of Tank #1, eliminating Tank #2's access ladder. This project provides for recoating the interior and exterior of Half Moon Bay Tank #2.

11-06 Half Moon Bay Tank #3 Interior + Exterior Recoat

Pump Stations/Tanks/Wells

Priority: 1 Maintains essential District facilities.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$420,000					20,000	400,000				

Description: Under a comprehensive program initiated in 2008, the District has inspected and performed long-deferred maintenance on its steel treated water storage tanks. The maintenance generally consists of repairing corrosion damage, recoating the interior and exterior of the tank, and bringing ladders, manways, railings and other tank features up to current standards. Half Moon Bay Tank #2 is a 400,000 gallon steel tank, one of three tanks located on the Nunes Treatment Plant site. The District completed repair and recoating of Half Moon Bay Tank #1, the smallest and the oldest of the three tanks, in 2012. This project provides for recoating the interior and exterior of Half Moon Bay Tank #3.

13-08 Crystal Springs Spare 350 HP Motor

Pump Stations/Tanks/Wells

Priority: 2 Ensures reliability of critical facilities.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$60,000	60,000									

Description: The Crystal Springs Pump Station has two 350 HP pumps and one 500 HP pump. Because failure of any one of the three pumps during peak demand months could impose an immediate water shortage on the District, the District maintains spare replacement units for pumps and motors. This ensures that the District could bring a failed pump back online with in a few days, rather than waiting the 10 to 14 weeks it could take to order and receive a new unit. This project provides a spare 350 HP motor which could replace either of the operating 350 HP units in the event of a failure. (A spare pump is included on project 18-03.)

16-08 New Denniston Well

Pump Stations/Tanks/Wells

Priority: 2

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$100,000		100,000								

Description: Due to deterioration over 40+ years of life, the Denniston wells produce a minimal quantity of water. Denniston wells 2, 3 and 4 are beyond repair. Wells on the south side of creek (3 and 4) are very low producers (<20 gpm) and have a serious iron bacteria problem. The casing in well 2 is damaged beyond repair. Subject to further evaluation of potential water availability by our hydrologists, this project would abandon the existing wells and install a new well on the site of well

18-02 Crystal Springs Pump Station Air Relief Valves

Pump Stations/Tanks/Wells

Priority: 2

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$40,000	40,000									

Description: This project involves replacing the (4) air relief valves at Crystal Springs Pump Station, one behind each pump and one on the main line. Note that the air relief valves are starting to leak water from years of pump/motor starts and from raw water corroding the seals.

18-03 Crystal Springs Pump Station - Spare500 HP Pump

Pump Stations/Tanks/Wells

Priority: 1

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$30,000	30,000									

Description: In April 2017, we replaced Pump #3 at Crystal Springs Pump Station utilizing the existing 500 HP spare pump. We are now in need of a spare pump for the site for emergency response should one of the pump fails. (The lead time for a new pump is 14-16 weeks.)

18-04 Crystal Springs Pump Station - Fire System

Pump Stations/Tanks/Wells

Priority: 2

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$40,000		40,000								

Description: The existing fire system uses raw water which has corroded most of the system. The current fire control system is also obsolete, and most of the parts are not available to rebuild the system.

18-05 Denniston Tank Trihalomethane Control System (Mixer & Blower)

Pump Stations/Tanks/Wells

Priority: 1

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$80,000	80,000									

Description: This project involves installing a mixer and a positive air blower system in the Denniston Tank in order to reduce the potential for formation of Trihalomethanes and Haloacetic acids at the site. (The potential for formation of Trihalomethanes and Haloacetic acids is much greater with Denniston water than the Pilarcitos and Hetch Hetchy Systems.) We installed mixers in the El Granada Tanks in previous years with a subsequent 10% reduction in the formation of Trihalomethanes and Haloacetic acids at these sites. The existing Disinfection/Disinfection By Products Rule (DDBPR) mandates quarterly monitoring for Trihalomethane and Haloacetic acids at select sites within our distribution system.

18-06 Crystal Springs Pump Station -- (3) Butterfly Valves

Pump Stations/Tanks/Wells

Priority: 1

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$45,000		45,000								

Description: The three valves that are located behind each pump leak from years of 300 psi flowing by them. When we need to isolate an individual valve, the valves will not completely seal.

18-07 EG #2 Tank chlorination System (residual control system)

Pump Stations/Tanks/Wells

Priority: 2

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$50,000	50,000									

Description: The PAX Residual Control System (RCS) is a smart and automated disinfectant residual boosting system that gives water operators the ability to set and precisely control disinfectant residual levels in water storage tanks and key locations in the water distribution system. The RCS system treats the total volume of the tank other than just the incoming water in order to maintain a consistent chlorine residual from the pump effluent water and to minimize Trihalomethane formation.

18-08 Crystal Springs Pump Station Communications

Pump Stations/Tanks/Wells

Priority: 1

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$50,000	50,000									

Description: This project will upgrade the obsolete Crystal Springs motor controls giving the operators the ability to reset, start and switch pumps remotely, reducing the need for trips to the station.

12-12 San Vicente Diversion and Pipeline

Water Supply Development

Priority: 1 Essential to secure vital local source water rights.

		FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted:	\$2,300,000			300,000	1,000,000	1,000,000					

Description: A water rights permit issued in 1969 allows the District to divert up to 2 cubic feet per second, year-round, from San Vicente Creek. In order to secure this water right on a permanent basis, the District must divert water from San Vicente Creek. Although the District laid a temporary pipeline and diverted a small quantity of water in the 1980s, San Vicente diversion rights have essentially gone unused. The San Vicente Diversion and Pipeline Project includes the following: 1) construction of a new diversion structure and pumping station at the District owned diversion site on San Vicente Creek. 2) replacement of the existing District owned pipeline from the diversion site to Upper San Vicente Reservoir (approximately 2300 feet). 3) construction of flow control and bypass piping at Upper San Vicente Reservoir. 4) construction of a new pipeline from Upper San Vicente Reservoir to the Denniston pump station (approximately 4000 feet).

13-04 Denniston Reservoir Restoration

Water Supply Development

Priority: 2 Improves yield, quality, and reliability of the District's primary local water source.

		FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted:	\$1,000,000			1,000,000							

Description: Siltation in Denniston reservoir has reduced its volume to a small fraction of the capacity that existed when the District built the Denniston treatment plant. This reduction in volume reduces available yield during the dryer months and results in poor water quality during the wet months due to lack of settling time. This project would substantially restore the original volume of Denniston reservoir. The Environmental Impact Report completed in 2015 for the Denniston/San Vicente Water Supply Project includes consideration of Denniston reservoir dredging.



17-12 Recycled Water Project Development

Water Supply Development

Priority: 2 Addresses District need to diversify water supply portfolio, lower water costs, develop drought-proof supply.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$100,000	100,000									

Description: This project provides funding for planning and development of a future recycled water project.

08-07 Nunes Filter Valve Replacement

Water Treatment Plants

Priority: 3 Maintains essential District facilities.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$225,000		45,000	45,000	45,000	45,000	45,000				

Description:

13-05 Denniston WTP Emergency Power

Water Treatment Plants

Priority: 2 Improves water supply reliability, emergency preparedness.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$500,000							500,000			

Description: This project would provide emergency backup power and associated switchgear for the Denniston Water Treatment Plant and Denniston Pump Station. Denniston provides the only backup to the District's SFPUC water supply, which comes into the district via a single pipeline. Should the SFPUC supply be disrupted for an extended period – by an earthquake, for example – having emergency power at Denniston would ensure continuous flow of water to the District's customers.

17-01 Nunes Water Treatment Plant Treated Water Meter

Water Treatment Plants

Priority: 1 Needed to comply with regulatory requirements for water audit in accordance with SB555.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$100,000			100,000							

Description: The WSO water audit performed in 2015-2016 identified the need for water treatment plant production meters to measure treatment plant output accurately without the need to correct for in-plant flows. This project provides a treated water meter for the Nunes plant.

17-04 Denniston Dam Spillway Repairs

Water Treatment Plants

Priority: 2 Maintains essential District facilities.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$90,000	90,000									

Description: The overflow/spillway structure in the middle of Denniston dam, which dates back to the dam's original construction in the 1930's, includes two openings into the reservoir to allow for draining of water and sediment. The redwood boards covering one of these openings began leaking in 2014, raising concern that the boards could fail and release damaging flows of water and sediment. District staff and contractors applied a temporary fix in 2015 to stop the leak. This project will provide a more permanent solution for both spillway openings to prevent future problems and improve reservoir operations.

18-09 Denniston Heater

Water Treatment Plants

Priority: 2

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$15,000	15,000									

Description: The District's Denniston Water Treatment Plant currently does not have an interior heating system. Given the FY 16/17 Denniston improvements, the plant will be operating nearly full time throughout the year, and staff will be required to man the plant during the cooler weather. The project would include hiring an HVAC contractor to install a propane heater with a programmable thermostat so we could warm the building during business hours.

18-10 Nunes Treatment Plant Improvements - Study (Filter 5, Filter Coating, etc.)

Water Treatment Plants

Priority: 2

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$100,000	100,000									

Description: This project would involve engaging with an engineering firm that specializes in Drinking Water Treatment Plant infrastructure to assess and recommend needed capital improvements/replacements for the Nunes Treatment Plant that we should factor into or 10 year CIP. (Note that the last time such a study was conducted was in 2005 by Camp, Dresser, McKee.) Items to be evaluated would include assessing the timing for repairing and recoating of interior walls of our filters as well as evaluating the potential expansion to eight filters to allow filters to be taken offline.

18-11 Nunes Bulk Caustic Tank

Water Treatment Plants

Priority:

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$40,000	40,000									

Description: This project involves replacing the existing smaller caustic tanks with a larger bulk tank. The larger bulk tank will provide greater safety for our staff in handling caustic and allows for better pricing and operational efficiency. By adding an additional 2500 gallon double contained tank, we will reduce the total yearly deliveries from 10 or 11 to 3 or 4. This project will free up operator time with ordering and receiving each delivery. It will also allow us to take a "full load" with every delivery which will cut more than \$.50 per gallon from our costs. We would save \$1900 per delivery, or \$6000-\$8000 annually.

99-05 Denniston Maintenance Dredging

Water Treatment Plants

Priority: 1 Dredging is essential to maintain storage capacity and improve the quality of water going into the Denniston Water Treatment Plant.

	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26:	FY 26/27:
Total Budgeted: \$315,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	

Description: This CIP item provides funding for annual maintenance dredging of Denniston Reservoir.

**COASTSIDE COUNTY WATER DISTRICT
CLAIMS FOR MAY 2017**

CHECKS				
CHECK DATE	CHECK NO.	VENDOR	VOID CHECK	AMOUNT
05/05/2017	23995	METER READINGS HOLDING, LLC		\$ 14,191.67
05/05/2017	23996	HEALTH BENEFITS ACWA-JPIA		\$ 36,239.62
05/05/2017	23997	CHEVRON/TEXACO UNIVERSAL CARD		\$ 1,719.03
05/05/2017	23998	COMCAST		\$ 194.02
05/05/2017	23999	RECORDER'S OFFICE		\$ 24.00
05/05/2017	24000	JOHN DAVIS		\$ 292.65
05/05/2017	24001	FIRST NATIONAL BANK		\$ 2,833.69
05/05/2017	24002	HASSETT HARDWARE		\$ 708.84
05/05/2017	24003	HUE & CRY, INC.		\$ 24.00
05/05/2017	24004	MASS MUTUAL FINANCIAL GROUP		\$ 1,724.65
05/05/2017	24005	REPUBLIC SERVICES		\$ 419.06
05/05/2017	24006	RICOH USA INC		\$ 503.07
05/05/2017	24007	TODD SCHMIDT		\$ 157.68
05/05/2017	24008	TEAMSTERS LOCAL UNION #856		\$ 1,013.00
05/05/2017	24009	JAMES TETER		\$ 6,074.28
05/05/2017	24010	VALIC		\$ 3,195.00
05/05/2017	24011	VERIZON WIRELESS		\$ 780.34
05/05/2017	24012	CASTANEDA & PEREZ INC		\$ 391.50
05/19/2017	24013	ROBERT FELDMAN		\$ 115.30
05/19/2017	24014	JOE GUISTINO		\$ 1,129.71
05/19/2017	24015	MASS MUTUAL FINANCIAL GROUP		\$ 1,724.65
05/19/2017	24016	PACIFIC GAS & ELECTRIC CO.		\$ 18,513.24
05/19/2017	24017	SAN FRANCISCO WATER DEPT.		\$ 164,786.95
05/19/2017	24018	TPX COMMUNICATIONS		\$ 1,840.15
05/19/2017	24019	NANCY TRUJILLO		\$ 558.24
05/19/2017	24020	SUSAN TURGEON		\$ 152.24
05/19/2017	24021	VALIC		\$ 3,195.00
05/25/2017	24022	ADP, INC.		\$ 999.95
05/25/2017	24023	FRANK YAMELLO		\$ 235.00
05/25/2017	24024	AMERICAN WATER WORKS ASSOC.		\$ 1,968.00
05/25/2017	24025	ANALYTICAL ENVIRONMENTAL SERVICES		\$ 2,669.50
05/25/2017	24026	ANDREINI BROS. INC.		\$ 1,730.70
05/25/2017	24027	AT&T		\$ 2,937.85
05/25/2017	24028	AT&T LONG DISTANCE		\$ 161.71
05/25/2017	24029	AZTEC GARDENS, INC.		\$ 190.00
05/25/2017	24030	BADGER METER, INC.		\$ 123.00
05/25/2017	24031	BALANCE HYDROLOGICS, INC		\$ 2,506.26
05/25/2017	24032	BAY AREA WATER SUPPLY &		\$ 1,315.00
05/25/2017	24033	BAY ALARM COMPANY		\$ 1,659.24
05/25/2017	24034	BFI OF CALIFORNIA, INC.		\$ 3,161.54
05/25/2017	24035	BIG ED'S CRANE SERVICE, INC		\$ 7,425.00
05/25/2017	24036	CALCON SYSTEMS, INC.		\$ 19,638.13

05/25/2017	24037	CALIFORNIA CONSERVATION CORPS	\$ 5,800.00
05/25/2017	24038	CAROLYN STANFIELD	\$ 600.00
05/25/2017	24039	CINTAS FIRST AID & SAFETY	\$ 880.46
05/25/2017	24040	PETTY CASH	\$ 98.32
05/25/2017	24041	RECORDER'S OFFICE	\$ 24.00
05/25/2017	24042	RECORDER'S OFFICE	\$ 21.00
05/25/2017	24043	COUNTY OF SAN MATEO	\$ 3,612.78
05/25/2017	24044	CURLEY & RED'S INC. BODY SHOP	\$ 70.00
05/25/2017	24045	DATAPROSE, LLC	\$ 2,393.54
05/25/2017	24046	ELECSYS INTERNATIONAL CORP	\$ 250.00
05/25/2017	24047	GARCIA AND ASSOCIATES	\$ 19,137.35
05/25/2017	24048	GRAINGER, INC.	\$ 1,232.48
05/25/2017	24049	HACH CO., INC.	\$ 907.41
05/25/2017	24050	HMB BLDG. & GARDEN INC.	\$ 296.54
05/25/2017	24051	HALF MOON BAY REVIEW	\$ 1,560.00
05/25/2017	24052	H.M.B.AUTO PARTS	\$ 65.78
05/25/2017	24053	HANSONBRIDGETT. LLP	\$ 6,268.90
05/25/2017	24054	PATRICIA A HARRIS	\$ 100.00
05/25/2017	24055	U.S. HEALTHWORKS MEDICAL GROUP, P.C.	\$ 398.00
05/25/2017	24056	LOVENE HELT	\$ 100.00
05/25/2017	24057	HF&H CONSULTANTS, LLC	\$ 7,660.99
05/25/2017	24058	HYDROSCIENCE ENGINEERS, INC.	\$ 5,250.00
05/25/2017	24059	IRON MOUNTAIN	\$ 555.16
05/25/2017	24060	IRVINE CONSULTING SERVICES, INC.	\$ 2,438.08
05/25/2017	24061	IRVINE CONSULTING SERVICES, INC.	\$ 2,992.01
05/25/2017	24062	KENNEDY/JENKS CONSULTANTS	\$ 1,000.00
05/25/2017	24063	KANEKO AND KRAMMER CORP	\$ 9,840.00
05/25/2017	24064	GLENNA LOMBARDI	\$ 110.00
05/25/2017	24065	METLIFE GROUP BENEFITS	\$ 1,710.20
05/25/2017	24066	MISSION UNIFORM SERVICES INC.	\$ 352.14
05/25/2017	24067	MONTEREY COUNTY LAB	\$ 14,172.00
05/25/2017	24068	DANA MONTEIRO	\$ 100.00
05/25/2017	24069	NATIONAL METER & AUTOMATION	\$ 15,058.53
05/25/2017	24070	OFFICE DEPOT	\$ 915.31
05/25/2017	24071	ONTRAC	\$ 600.24
05/25/2017	24072	PACIFICA COMMUNITY TV	\$ 250.00
05/25/2017	24073	PAKPOUR CONSULTING GROUP	\$ 7,731.94
05/25/2017	24074	PAPE MACHINERY EXCHANGE	\$ 4,104.70
05/25/2017	24075	PAULO'S AUTO CARE	\$ 4,722.65
05/25/2017	24076	PITNEY BOWES	\$ 211.91
05/25/2017	24077	PRINCETON WELDING , INC.	\$ 365.00
05/25/2017	24078	PSI-PROCESS SOLUTIONS, INC	\$ 4,927.50
05/25/2017	24079	PUMP REPAIR SERVICE CO. INC.	\$ 65,128.71
05/25/2017	24080	QUESTA ENGINEERING CORP.	\$ 1,225.45
05/25/2017	24081	RDO-VERMEER, LLC	\$ 8,719.24
05/25/2017	24082	RED WING SHOE STORE	\$ 122.33
05/25/2017	24083	ROBERTS & BRUNE CO.	\$ 10,149.05

05/25/2017	24084	SAN MATEO CTY PUBLIC HEALTH LAB	\$ 768.00
05/25/2017	24085	STATE WATER RESOURCES CONTROL BD	\$ 90.00
05/25/2017	24086	STATE WATER RESOURCES CONTROL BD	\$ 24,106.00
05/25/2017	24087	STOLOSKI & GONZALEZ, INC.	\$ 132,756.57
05/25/2017	24088	TECHNIQUE DATA SYSTEMS, INC.	\$ 426.00
05/25/2017	24089	JAMES TETER	\$ 10,575.15
05/25/2017	24090	TYLER TECHNOLOGIES, INC	\$ 10,904.25
05/25/2017	24091	UNITED STATES POSTAL SERV.	\$ 600.00
05/25/2017	24092	USA BLUE BOOK	\$ 2,186.35
05/25/2017	24093	KAREN RYAN	\$ 61.53
05/25/2017	24094	MICHELE ANGELA KOEPF	\$ 55.32
05/25/2017	24095	MICHELLE ELLIS	\$ 69.01
05/25/2017	24096	DONNA GEHRING	\$ 54.69
CLAIMS FOR MONTH OF MAY 2017			<u>\$ 706,105.03</u>

WIRE PAYMENTS

<u>MONTH</u>		<u>VENDOR</u>	<u>AMOUNT</u>
05/03/2017	DFT0000053	CaIPERS FISCAL SERVICES DIVISION	\$ 25,069.57
05/04/2017	DFT0000054	PUB. EMP. RETIRE SYSTEM	\$ 12,375.78
05/22/2017	DFT0000055	PUB. EMP. RETIRE SYSTEM	\$ 12,738.38
5/31/2017		CREDIT C ARD & BANK FEES	\$ 3,140.32
TOTAL WIRE PAYMENTS			<u>\$ 53,324.05</u>

TOTAL CLAIMS FOR THE MONTH OF MAY 2017

\$ 759,429.08



Coastside County Water District

Monthly Budget Report Account Summary

For Fiscal: 2016-2017 Period Ending: 05/31/2017

	May Budget	May Activity	Variance Favorable (Unfavorable)	Percent Variance	YTD Budget	YTD Activity	Variance Favorable (Unfavorable)	Percent Variance	Total Budget	
Revenue										
RevType: 1 - Operating										
1-4120-00	Water Revenue	854,926.00	864,098.25	9,172.25	1.07 %	9,050,520.00	9,384,562.74	334,042.74	3.69 %	10,266,127.00
	Total RevType: 1 - Operating:	854,926.00	864,098.25	9,172.25	1.07 %	9,050,520.00	9,384,562.74	334,042.74	3.69 %	10,266,127.00
RevType: 2 - Non-Operating										
1-4170-00	Water Taken From Hydrants	4,165.00	4,734.82	569.82	13.68 %	45,815.00	58,672.63	12,857.63	28.06 %	50,000.00
1-4180-00	Late Notice - 10% Penalty	5,997.60	8,926.85	2,929.25	48.84 %	65,973.60	63,432.55	-2,541.05	-3.85 %	72,000.00
1-4230-00	Service Connections	833.00	1,514.69	681.69	81.84 %	9,163.00	14,699.33	5,536.33	60.42 %	10,000.00
1-4920-00	Interest Earned	0.00	1,036.13	1,036.13	0.00 %	3,070.00	6,281.49	3,211.49	104.61 %	3,070.00
1-4930-00	Tax Apportionments/County Checks	0.00	8,827.63	8,827.63	0.00 %	580,000.00	732,724.00	152,724.00	26.33 %	600,000.00
1-4950-00	Miscellaneous Income	3,082.10	717.54	-2,364.56	-76.72 %	33,903.10	115,199.21	81,296.11	239.79 %	37,000.00
1-4955-00	Cell Site Lease Income	11,969.54	12,797.93	828.39	6.92 %	131,664.94	137,870.59	6,205.65	4.71 %	143,692.00
1-4965-00	ERAF Refund - County Taxes	0.00	0.00	0.00	0.00 %	200,000.00	325,313.79	125,313.79	62.66 %	200,000.00
	Total RevType: 2 - Non-Operating:	26,047.24	38,555.59	12,508.35	48.02 %	1,069,589.64	1,454,193.59	384,603.95	35.96 %	1,115,762.00
	Total Revenue:	880,973.24	902,653.84	21,680.60	2.46 %	10,120,109.64	10,838,756.33	718,646.69	7.10 %	11,381,889.00
Expense										
ExpType: 1 - Operating										
1-5130-00	Water Purchased	200,973.00	234,786.95	-33,813.95	-16.83 %	2,341,201.00	2,025,702.28	315,498.72	13.48 %	2,578,474.00
1-5230-00	Nunes T P Pump Expense	2,604.79	2,493.89	110.90	4.26 %	28,652.69	30,668.54	-2,015.85	-7.04 %	31,270.00
1-5231-00	CSP Pump Station Pump Expense	4,058.00	-4,266.42	8,324.42	205.14 %	317,676.00	204,027.61	113,648.39	35.77 %	325,420.00
1-5232-00	Other Trans. & Dist Pump Expense	1,897.00	1,505.23	391.77	20.65 %	16,068.00	19,245.55	-3,177.55	-19.78 %	18,020.00
1-5233-00	Pilarcitos Canyon Pump Expense	180.00	5,987.73	-5,807.73	-3,226.52 %	25,820.00	46,564.88	-20,744.88	-80.34 %	26,000.00
1-5234-00	Denniston T P Pump Expense	15,256.00	6,928.97	8,327.03	54.58 %	73,107.00	43,973.47	29,133.53	39.85 %	85,000.00
1-5242-00	CSP Pump Station Operations	874.65	933.40	-58.75	-6.72 %	9,621.15	8,864.11	757.04	7.87 %	10,500.00
1-5243-00	CSP Pump Station Maintenance	6,474.00	403.16	6,070.84	93.77 %	30,526.00	20,524.11	10,001.89	32.77 %	37,000.00
1-5245-00	Alves/Miramontes Maintenance	0.00	0.00	0.00	0.00 %	0.00	296.27	-296.27	0.00 %	0.00
1-5246-00	Nunes T P Operations - General	4,636.00	4,673.52	-37.52	-0.81 %	51,603.00	53,896.50	-2,293.50	-4.44 %	57,000.00
1-5247-00	Nunes T P Maintenance	3,960.00	3,859.75	100.25	2.53 %	76,540.00	64,318.84	12,221.16	15.97 %	80,500.00
1-5248-00	Denniston T P Operations-General	4,188.00	-1,778.95	5,966.95	142.48 %	30,812.00	17,174.34	13,637.66	44.26 %	35,000.00
1-5249-00	Denniston T.P. Maintenance	2,750.00	4,746.68	-1,996.68	-72.61 %	50,250.00	59,559.68	-9,309.68	-18.53 %	53,000.00
1-5250-00	Laboratory Expenses	6,626.00	14,500.24	-7,874.24	-118.84 %	49,695.00	55,378.53	-5,683.53	-11.44 %	53,000.00
1-5260-00	Maintenance - General	10,970.61	2,550.44	8,420.17	76.75 %	120,676.71	133,528.91	-12,852.20	-10.65 %	131,700.00
1-5260-10	Maintenance - Main Line Breaks	8,330.00	9,406.34	-1,076.34	-12.92 %	91,630.00	31,641.78	59,988.22	65.47 %	100,000.00
1-5260-11	Maintenance - Paving	4,165.00	2,635.88	1,529.12	36.71 %	45,815.00	43,635.90	2,179.10	4.76 %	50,000.00
1-5261-00	Maintenance - Well Fields	909.00	0.00	909.00	100.00 %	49,091.00	10,980.86	38,110.14	77.63 %	50,000.00

Monthly Budget Report

For Fiscal: 2016-2017 Period Ending: 05/31/2017

	May Budget	May Activity	Variance Favorable (Unfavorable)	Percent Variance	YTD Budget	YTD Activity	Variance Favorable (Unfavorable)	Percent Variance	Total Budget	
1-5263-00	Uniforms	144.00	0.00	144.00	100.00 %	9,856.00	7,940.04	1,915.96	19.44 %	10,000.00
1-5318-00	Studies/Surveys/Consulting	12,495.00	9,500.99	2,994.01	23.96 %	137,445.00	102,943.25	34,501.75	25.10 %	150,000.00
1-5321-00	Water Resources	3,915.10	1,615.00	2,300.10	58.75 %	43,066.10	9,212.07	33,854.03	78.61 %	47,000.00
1-5322-00	Community Outreach	4,165.00	7,851.75	-3,686.75	-88.52 %	45,815.00	30,608.92	15,206.08	33.19 %	50,000.00
1-5381-00	Legal	4,998.00	20,739.10	-15,741.10	-314.95 %	54,978.00	84,246.93	-29,268.93	-53.24 %	60,000.00
1-5382-00	Engineering	1,166.20	6,318.89	-5,152.69	-441.84 %	12,828.20	26,832.15	-14,003.95	-109.17 %	14,000.00
1-5383-00	Financial Services	0.00	0.00	0.00	0.00 %	14,000.00	8,580.00	5,420.00	38.71 %	20,000.00
1-5384-00	Computer Services	10,437.49	9,432.15	1,005.34	9.63 %	114,812.39	102,025.42	12,786.97	11.14 %	125,300.00
1-5410-00	Salaries/Wages-Administration	84,677.00	68,576.15	16,100.85	19.01 %	1,016,123.00	811,182.75	204,940.25	20.17 %	1,100,800.00
1-5411-00	Salaries & Wages - Field	93,645.00	86,707.06	6,937.94	7.41 %	1,123,731.00	1,092,213.33	31,517.67	2.80 %	1,217,375.00
1-5420-00	Payroll Tax Expense	12,481.00	11,890.64	590.36	4.73 %	149,764.00	135,085.70	14,678.30	9.80 %	162,245.00
1-5435-00	Employee Medical Insurance	35,682.00	31,916.54	3,765.46	10.55 %	377,222.00	361,297.19	15,924.81	4.22 %	412,904.00
1-5436-00	Retiree Medical Insurance	5,205.00	3,509.97	1,695.03	32.57 %	54,771.00	42,730.93	12,040.07	21.98 %	59,976.00
1-5440-00	Employees Retirement Plan	41,026.00	39,224.59	1,801.41	4.39 %	467,231.00	414,979.76	52,251.24	11.18 %	508,256.00
1-5445-00	Supplemental Retirement 401a	0.00	0.00	0.00	0.00 %	0.00	0.00	0.00	0.00 %	33,000.00
1-5510-00	Motor Vehicle Expense	4,723.11	18,674.77	-13,951.66	-295.39 %	51,954.21	57,483.02	-5,528.81	-10.64 %	56,700.00
1-5620-00	Office & Billing Expenses	14,225.55	12,457.69	1,767.86	12.43 %	156,481.05	194,880.73	-38,399.68	-24.54 %	170,775.00
1-5625-00	Meetings / Training / Seminars	1,999.20	2,030.06	-30.86	-1.54 %	21,991.20	21,217.16	774.04	3.52 %	24,000.00
1-5630-00	Insurance	9,996.00	10,605.14	-609.14	-6.09 %	109,956.00	109,302.50	653.50	0.59 %	120,000.00
1-5687-00	Membership, Dues, Subscript.	6,164.20	2,665.40	3,498.80	56.76 %	67,806.20	62,528.67	5,277.53	7.78 %	74,000.00
1-5688-00	Election Expenses	0.00	3,612.78	-3,612.78	0.00 %	0.00	3,612.78	-3,612.78	0.00 %	0.00
1-5689-00	Labor Relations	499.80	0.00	499.80	100.00 %	5,497.80	0.00	5,497.80	100.00 %	6,000.00
1-5700-00	San Mateo County Fees	1,582.70	0.00	1,582.70	100.00 %	17,409.70	11,241.98	6,167.72	35.43 %	19,000.00
1-5705-00	State Fees	1,332.80	9,106.00	-7,773.20	-583.22 %	14,660.80	46,240.71	-31,579.91	-215.40 %	16,000.00
	Total ExpType: 1 - Operating:	629,412.20	645,801.48	-16,389.28	-2.60 %	7,476,184.20	6,606,368.15	869,816.05	11.63 %	8,179,215.00
	ExpType: 4 - Capital Related									
1-5712-00	Debt Service/Existing Bonds 2006B	0.00	0.00	0.00	0.00 %	486,426.00	486,359.58	66.42	0.01 %	486,426.00
1-5715-00	Debt Service/CIEDB 11-099	0.00	0.00	0.00	0.00 %	336,409.00	336,409.49	-0.49	0.00 %	336,409.00
1-5716-00	Debt Service/CIEDB 2016	0.00	0.00	0.00	0.00 %	145,203.00	145,202.41	0.59	0.00 %	145,203.00
	Total ExpType: 4 - Capital Related:	0.00	0.00	0.00	0.00 %	968,038.00	967,971.48	66.52	0.01 %	968,038.00
	Total Expense:	629,412.20	645,801.48	-16,389.28	-2.60 %	8,444,222.20	7,574,339.63	869,882.57	10.30 %	9,147,253.00
	Report Total:	251,561.04	256,852.36	5,291.32		1,675,887.44	3,264,416.70	1,588,529.26		2,234,636.00

**COASTSIDE COUNTY WATER DISTRICT
MONTHLY INVESTMENT REPORT
May 31, 2017**

<u>RESERVE BALANCES</u>	Current Year as of 5/31/17	Prior Year as of 5/31/16
CAPITAL AND OPERATING RESERVE	\$4,493,253.21	\$2,044,130.96
RATE STABILIZATION RESERVE	\$250,000.00	\$250,000.00
TOTAL DISTRICT RESERVES	\$4,743,253.21	\$2,294,130.96

ACCOUNT DETAIL

ACCOUNTS WITH FIRST NATIONAL BANK (FNB)		
CHECKING ACCOUNT	\$2,844,960.53	\$419,544.27
CSP T & S ACCOUNT	\$866,514.05	\$849,479.15
LOCAL AGENCY INVESTMENT FUND (LAIF) BALANCE	\$1,031,078.63	\$1,024,407.54
DISTRICT CASH ON HAND	\$700.00	\$700.00
TOTAL ACCOUNT BALANCES	\$4,743,253.21	\$2,294,130.96

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

COASTSIDE COUNTY WATER DISTRICT
 APPROVED CAPITAL IMPROVEMENT PROJECTS
 FISCAL YEAR 2016-2017

5/31/2017

= still to be committed

Approved CIP Budget FY 16/17	Actual To Date FY16/17	Projected Year-End FY 16/17	Variance vs. Budget	% Completed	Project Status/ Comments
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Equipment Purchases & Replacement

06-03	SCADA/Telemetry/Electrical Controls Replacement	\$ 50,000	\$ 103,033	\$ 130,000	\$ (80,000)	206%	Calcon work directive 16-04 \$126K (Approved Jan 2017 board meeting)
17-02	Forklift for Nunes	\$ 30,000	\$ 14,661	\$ 14,661	\$ 15,339	49%	completed
99-03	Computer Systems	\$ 5,000	\$ 1,053	\$ 5,000	\$ -	21%	
99-04	Office Equipment/Furniture	\$ 3,000	\$ 2,992	\$ 2,992	\$ 8	100%	

Facilities & Maintenance

08-08	PRV Valves Replacement Project	\$ 30,000	\$ 33,684	\$ 33,684	\$ (3,684)	112%	
09-09	Fire Hydrant Replacement	\$ 40,000	\$ 38,215	\$ 40,000	\$ -	96%	
09-23	District Digital Mapping	\$ 10,000			\$ 10,000	0%	accounted for in expense
14-14	Pilarcitos Canyon Road Improvements	\$ 65,000	\$ 82,781	\$ 82,781	\$ (17,781)	100%	completed
17-11	Pilarcitos PRV Station Valve Replacement	\$ 45,000		\$ -	\$ 45,000	0%	Bid approved at the February 2017 Board meeting- installation planned for July 2017
09-07	Advanced Metering Infrastructure	\$ 300,000	\$ 262,650	\$ 262,650	\$ 37,350	88%	remaining funds move to FY2017-18
99-01	Meter Change Program	\$ 300,000	\$ 213,247	\$ 300,000	\$ -	71%	will spend in FY2016-17

Pipeline Projects

06-01	Avenue Cabrillo Phase 3B Pipeline Replacement Project	\$ 650,000	\$ 691,644	\$ 691,644	\$ (41,644)	106%	Completed
13-02	Strawflower - Phase 1 - (Replace 8" Pipeline Under Creek at Pilarcitos Avenue)	\$ 100,000	\$ 8,869	\$ 10,000	\$ 90,000	9%	Approved at January 2017 Board meeting; currently working on acquiring easements for Phase ; will likely commence work in July 2017
14-26	Replace 2" Pipe in Downtown Half Moon Bay	\$ 500,000	\$ 38,044	\$ 50,000	\$ 450,000	8%	Engineering is near completion and we are currently working on permitting. Work will likely commence in Summer 2017.

Pump Stations / Tanks / Wells

06-04	Hazen's Tank Replacement	\$ 30,000			\$ 30,000	0%	on hold-evaluate after completion of Bridgeport Pipeline/Denniston PS project
06-03	El Granada Tank #3 Recoating Project	\$ 600,000	\$ 543,194	\$ 650,000	\$ (50,000)	91%	In process - some work to go into July-August 2017
13-11	EG Tank #1 & Tank #2 Emergency Generators	\$ 200,000	\$ 196,629	\$ 196,629	\$ 3,371	98%	Completed
17-03	Pilarcitos Wells 3 and 3A Rehabilitation	\$ 90,000	\$ 108,309	\$ 108,309	\$ (18,309)	120%	Completed
17-05	Crystal Springs Pump Station Motor Controls	\$ 50,000		\$ 25,000	\$ 25,000	0%	Calcon work directives 17-01 and 17-02 approved at February 2017 Board meeting; work will be performed in June-July 2017.
17-06	Crystal Springs Pump Station Discharge Valve Replacement	\$ 30,000	\$ 6,570	\$ 10,000	\$ 20,000	22%	Work to be completed in July 2017

Water Supply Development

10-02 & 12-04	Denniston Pump Station & Pipeline Project (formerly Bridgeport Drive Pipeline Replacement Project)	\$ 2,600,000	\$ 1,994,525	\$ 2,500,000	\$ 100,000	77%	Project scheduled for completion late June 2017
17-12	Recycled Water Project Development	\$ 100,000	\$ 1,000	\$ 1,000	\$ 99,000	1%	

Water Treatment Plants

17-01	Nunes Water Treatment Plant Treated Water Meter	\$ 50,000		\$ -	\$ 50,000	0%	Move to FY 2017-18
17-04	Denniston Dam Spillway	\$ 10,000			\$ 10,000	0%	moved to FY 2017-18
17-07	Denniston WTP Site Improvements for Erosion Control	\$ 50,000		\$ 25,000	\$ 25,000	0%	Paving starting in June 2017
17-08	Nunes Filter Surface Wash Repairs	\$ 50,000	\$ 25,126	\$ 25,126	\$ 24,874	50%	Approved at January 2017 Board meeting

COASTSIDE COUNTY WATER DISTRICT
 APPROVED CAPITAL IMPROVEMENT PROJECTS
 FISCAL YEAR 2016-2017

5/31/2017

= still to be committed

		Approved CIP Budget FY 16/17	Actual To Date FY16/17	Projected Year-End FY 16/17	Variance vs. Budget	% Completed	Project Status/ Comments
14-10	Nunes Backwash Pond Sand Replacement	\$ 65,000	\$ 28,194	\$ 28,194	\$ 36,806	43%	completed
99-05	Denniston Maintenance Dredging	\$ 35,000	\$ 20,881	\$ 20,881	\$ 14,119	60%	Move to FY 2017-18 (October 2017) ; permit approved

FY 16/17 TOTALS \$ 6,088,000 \$ 4,415,301 \$ 5,213,551 \$ 874,449

Previous CIP Projects - paid in FY 16/17

14-24	Denniston/San Vicente EIR & Permitting		\$ 50,439	\$ 50,439	\$ (50,439)		
99-02	2017 Customer Service Vehicle		\$ 30,482	\$ 30,482	\$ (30,482)		On FY2015/16 CIP
	Ventura / Washington Pipeline Replacement		\$ 5,775	\$ 5,775	\$ (5,775)		On FY2015/16 CIP
10-01	El Granada Pipeline Final Phase Replacement Project		\$ (1,026)	\$ (1,026)	\$ 1,026		Completed - Refund for Application Fee

PREVIOUS YEAR TOTALS \$ - \$ 85,670 \$ 85,670 \$ (85,670)

UNSCHEDULED ITEMS (CAPITAL EXPENDITURES) FOR CURRENT FISCAL YEAR 16/17

	Mixers for El Granada Tanks #1 and #2		\$ 3,128	\$ 3,128	\$ (3,128)		Completed (\$3K is for installation; Mixers were purchased in 6/2016.)
	Wavecrest Road Pipeline Extension - CCWD Portion		\$ 169	\$ 20,000	\$ (20,000)		CCWD portion of pipeline - to be completed in coordination with hotel mainline extension
07-03	Stone Dam/Pilarcitos Canyon Pipeline Project		\$ 33,204	\$ 60,000	\$ (60,000)		Working in process on CEQA Initial study
06-02	Highway One South Pipeline Replacement Project		\$ 557	\$ 557	\$ (557)		
99-02	2017 Ford F-150 Pickup		\$ 22,528	\$ 22,528	\$ (22,528)		Emergency replacement
17-15	Pilarcitos Canyon Emergency Road Repairs (2017)		\$ 94,950	\$ 94,950	\$ (94,950)		2-2017 Emergency - Storm Related Repairs
	Replace 4" Fire Check at District Office		\$ 11,400	\$ 11,400	\$ -		Completed
17-16	Crystal Springs Pump 3 - Column pipes/shafting replacement		\$ 65,129	\$ 75,000	\$ (75,000)		Urgent replacement - approved at February 2017 Board meeting
	Well Refurbishments; Well #4 New pump and motor		\$ 15,181	\$ 15,181	\$ (15,181)		
13-08	Crystal Springs Pump 1 Motor Replacement		\$ 62,373	\$ 62,373	\$ (62,373)		Urgent replacement-approved at December 2016 (moved up from 2017/18)
	Administration Building - New Front Doors		\$ 8,610	\$ 8,610	\$ (8,610)		Completed February 2017
					\$ -		

NON-BUDGETED TOTALS \$ - \$ 317,230 \$ 373,727 \$ (362,327)

CIP TOTALS \$ 6,088,000 \$ 4,818,201 \$ 5,672,948 \$ 426,452

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

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

Month	Admin (General Legal Fees)	Water Supply Develpmnt	Recycled Water	Transfer Program	CIP	Personnel	Water Shortage	Lawsuits	Infrastructure Project Review (Reimbursable)	TOTAL
Jun-16	3,583		1,540			11,879				17,002
Jul-16	7,269		1,812	392		5,564				15,037
Aug-16	3,412			284	674	18,541				22,912
Sep-16	2,489			603	3,798	7,063				13,953
Oct-16	2,205			784	1,392	677				5,056
Nov-16	1,909		815	757	1,657	677			242	6,057
Dec-16	2,776		513	544	60	478				4,371
Jan-17	3,231			858					604	4,693
Feb-17	3,080			474	1,087					4,641
Mar-17	1,350		695	1,219	1,510					4,773
Apr-17	7,572			724	544					8,840
May-17	5,739			500	30					6,269
TOTAL	44,616	0	5,376	7,137	10,752	44,878	0	0	846	113,604

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

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

Month	Admin & Retainer	CIP	Studies & Projects	TOTAL	Reimbursable from Projects
Jun-16	1,280	4,960	2,191	8,431	2,191
Jul-16	480			480	0
Aug-16	480	14,917		15,397	0
Sep-16	480	8,597		9,077	0
Oct-16	480	17,965		18,445	0
Nov-16	480	12,365	254	13,098	254
Dec-16	480	3,392	2,424	6,296	2,424
Jan-17	480	5,662	4,069	10,210	4,069
Feb-17	1,494	11,649	806	13,949	806
Mar-17	480	7,552		8,032	
Apr-17	480	5,594		6,074	
May-17	587	9,988		10,575	
TOTAL	7,681	102,640	9,744	120,065	9,744

Calcon T&M Projects Tracking
as of 4/30/17

Project No.	Name	Acct No.	Proposal Date	Approved Date	Project Budget	Project Total Billing (thru 6/30/16)	Project Billing FY2016-17	Project Budget Remaining
CAL-13-EMG	Emergency Callout							
CAL-14-EMG	Emergency Callout							
CAL-15-EMG	Emergency Callout						\$790.00	
CAL-17-EMG	Emergency Callout						\$3,435.77	
CAL-13-00	Calcon Project Admin/Miscellaneous							
CAL-13-01	EG Tank 2 Recoating Project		9/30/13	10/8/13	\$8,220.00	\$8,837.50		-\$617.50
CAL-13-02	Nunes Control System Upgrades		9/30/13	10/8/13	\$46,141.00	\$55,363.60		-\$9,222.60
CAL-13-03	Win 911 and PLC Software		9/30/13	10/8/13	\$9,717.00	\$12,231.74		-\$2,514.74
CAL-13-04	Crystal Springs Surge Tank Retrofit		11/26/13	11/27/13	\$31,912.21	\$66,572.54		-\$34,660.33
CAL-13-05						\$0.00		\$0.00
CAL-13-06	Nunes Legacy Backwash System Removal		11/25/13	11/26/13	\$6,516.75	\$6,455.00		\$61.75
CAL-13-07	Denniston Backwash FTW Valves		11/26/13	11/27/13	\$6,914.21	\$9,518.28		-\$2,604.07
CAL-14-01	Denniston Wash Water Return Retrofit		1/28/14	2/14/14	\$13,607.00	\$13,591.60		\$15.40
CAL-14-02	Denniston Calrifier SCADA Data		4/2/14	4/7/14	\$4,125.00	\$4,077.50		\$47.50
CAL-14-03	Nunes Surface Scatter Turbidimeter		4/2/14	4/7/14	\$2,009.50	\$0.00		\$2,009.50
CAL-14-04	Phase I Control System Upgrade		4/2/14	4/7/14	\$75,905.56	\$44,459.14		\$31,446.42
CAL-14-06	Miramar Control Panel		8/28/14	8/28/14	\$37,953.00	\$27,980.71		\$9,972.29
CAL-14-08	SFWater Flow & Data Logger/Cahill Tank		8/20/2014	8/20/2014	\$1,370.00	\$1,372.00		-\$2.00
CAL-15-01	Main Street Monitors					\$6,779.42		-\$6,779.42
CAL-15-02	Denniston To Do List					\$2,930.00		-\$2,930.00
CAL-15-03	Nunes & Denniston Turbidity Meters				\$6,612.50	\$5,833.26	\$6,702.86	\$779.24
CAL-15-04	Phase II Control System Upgrade		6/23/2015	8/11/2015	\$195,000.00	\$164,904.50	\$2,160.00	\$30,095.50
CAL-15-05	Permanganate Water Flow					\$1,567.15		-\$1,567.15
CAL-16-04	Radio Network		12/9/2016	1/10/2017	\$126,246.11		\$100,798.18	\$25,447.93
CAL-16-05	El Granada Tank No. 3 Recoating		12/16/2016		\$6,904.50		\$3,860.00	\$3,044.50
CAL-17-01	Crystal Springs Leak Valve Control		2/8/2017	2/14/2017	\$8,701.29		\$630.00	\$8,071.29
CAL-17-02	Crystal Springs Requirements & Addtl Controls		2/8/2017	2/14/2017	\$38,839.50			\$38,839.50
SUBTOTAL					\$626,695.13	\$432,473.94	\$118,376.81	\$88,933.01

Other: Maintenance

Tanks	\$ 3,623.68
Crystal Springs Maintenance	\$ 1,633.52
Nunes Maintenance	\$ 14,668.73
Denniston Maintenance	\$ 30,166.85
Main Office	\$ 2,425.25

TOTAL FY2016/17

\$ 170,894.84

COASTSIDE COUNTY WATER DISTRICT

766 MAIN STREET

HALF MOON BAY, CA 94019

MINUTES OF THE SPECIAL MEETING OF THE BOARD OF DIRECTORS

Tuesday, May 9, 2017

- 1) **ROLL CALL** - The meeting began at 6:00 p.m. Present at roll call: Directors Ken Coverdell, Arnie Glassberg, Chris Mickelsen, Vice-President Bob Feldman, President Glenn Reynolds, David Dickson, General Manager; Mary Rogren, Assistant General Manager; and Patrick Miyaki, Legal Counsel.
- 2) **PUBLIC COMMENT**
- 3) **CLOSED SESSION**
 - A. **Conference with Legal Counsel - Anticipated Litigation
Significant Exposure to Litigation
Pursuant to California Government Code Section §54956.9(d)(2)
One Potential Case**
 - B. **Conference with Labor Negotiator
Pursuant to California Government Code Section §54957.6
Agency Designated Representatives: David Dickson, General Manager
and Mary Rogren, Assistant General Manager
Employee Organization: Teamsters Union, Local 856**
- 4) **RECONVENE TO OPEN SESSION** - President Reynolds reported that there was no Board action taken on agenda items 3A and 3B.
- 5) **ADJOURNMENT** - The Special Meeting was adjourned at 6:58 p.m.

Respectfully submitted,

David R. Dickson, General Manager

Glenn Reynolds, President
Board of Directors

COASTSIDE COUNTY WATER DISTRICT

766 MAIN STREET

HALF MOON BAY, CA 94019

MINUTES OF THE REGULAR BOARD OF DIRECTORS MEETING

Tuesday, May 9, 2017

- 1) **ROLL CALL** - President Glenn Reynolds called the meeting to order at 7:04 p.m. Present at roll call: Directors Ken Coverdell, Arnie Glassberg, Chris Mickelsen and Vice-President Bob Feldman.

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

- 2) **PLEDGE OF ALLEGIANCE**

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

- 4) **CONSENT CALENDAR**

- A. Approval of disbursements for the month ending April 30, 2017:
Claims: \$1,066,634.89; Payroll: \$88,276.13 for a total of \$1,154,911.02
- B. Acceptance of Financial Reports
- C. Approval of Minutes of April 11, 2017 Regular Board of Directors Meeting
- D. Monthly Water Transfer Report
- E. Installed Water Connection Capacity and Water Meters Report
- F. Total CCWD Production Report
- G. CCWD Monthly Sales by Category Report - April 2017
- H. Monthly Emergency Main & Service Repairs Report and Water Line Flushing Report
- I. Monthly Rainfall Reports
- J. S.F.P.U.C. Hydrological Report for the month of March 2017
- K. CCWD Priority Setting Workshop Report - March 16, 2017

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

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

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

5) **MEETINGS ATTENDED / DIRECTOR COMMENTS**

President Reynolds and Director Coverdell both provided an update regarding the recent Recycled Water Committee meeting.

Director Mickelsen reported that he had a recent one-on-one meeting with Nicole Sandkulla, Bay Area Water Supply and Conservation Agency's (BAWSCA) Chief Executive Officer and General Manager.

6) **GENERAL BUSINESS**

A. **Fiscal Year 2017-2018 Budget Process Timeline**

Ms. Rogren reviewed the proposed timeline schedule for upcoming budget meetings and outreach activities.

B. **Draft Fiscal Year 2017-2018 Operations Budget and Draft Fiscal Year 2017/2018 to 2026/2027 Capital Improvement Program**

Ms. Rogren reviewed the budget documents and shared some photographs of recent capital improvement projects. She informed the Board that the budget presentation is the same as the Board has examined over the last couple of months, reporting that the only changes include an addition of \$20,000 to the Capital Improvement Program for placement of two valves near the Ritz Carlton that will enable the District to isolate leaks and avoid shutting down service at the hotel and an increase to the cost of the backhoe from \$130,000 to \$200,000.

C. **Fiscal Year 2017/2018 to FY 2022/2023 Financing Plan and Proposed Water Rate Increase; Cost of Service Analysis**

Ms. Rogren once again summarized the District's Financing Plan, Reserves, and Cost of Service Analysis.

D. **Public Outreach Overview**

Mr. Dickson introduced this agenda item, noting that he thought it would be helpful to the Board to review the District's current public outreach activities.

Ms. Brennan reminded the Board that the District had worked with a consultant in 2011 to develop a communications plan, including strategies to improve outreach efforts. Based on that communications plan, Ms. Brennan reviewed the summary table of the strategies and tasks implemented by the District and explained each of the District's current outreach practices. Mr. Dickson also stressed the importance of the District's customer service as an element of overall outreach, citing examples of the District's personal interactions with customers in providing prompt on-site response, advice and information to customers in a variety of situations. The Board expressed their satisfaction with the positive results of the District's current outreach program.

E. Hanson Bridgett Billing Rates - Proposed Restructuring and Increase

Mr. Miyaki referenced the memo contained in the Board packet and provided a historical context to the memo and reviewed the District's long standing relationship with Hanson Bridgett, dating back to 1966. He then summarized the rate history with the District and answered a few questions from the Board members.

ON MOTION BY President Reynolds and seconded by Vice-President Feldman, the Board voted by roll call vote to approve the proposed rate structure, authorize the Board President to work with legal counsel to develop an amendment to the agreement between Coastside County Water District and Hanson Bridgett:

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

F. Approval to retain Fedak & Brown LLP for Financial Auditing Services

Ms. Rogren reported that the District has been using the services of the same audit firm, JJACPA, Inc. since 2009 and has been very pleased with their services. However, she advised that best practice guidelines for special districts call for replacing audit firms every five years, so consequently, staff recommends replacing JJACPA with Fedak and Brown for the upcoming audit for the fiscal year ending June 2017. Ms. Rogren described the proposals received from three firms and reviewed Fedak and Brown's over 35 years of experience, their numerous clients in the San Francisco Bay Area and their excellent references provided by other water districts.

ON MOTION BY Director Glassberg and seconded by Director Mickelsen, the Board voted by roll call vote, to authorize staff to retain the services of Fedak and Brown, LLC to audit the District's financial records for the Fiscal Years ending June 30, 2017 through 2019:

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

7) **MONTHLY INFORMATIONAL REPORTS**

A. Assistant General Manager's Report

- Automated Metering Infrastructure (AMI) Implementation - Ms. Rogren provided an update on the progress of program implementation, including the recently installed data collection units (DCUs), installation and programming of over 500+ Badger ultrasonic meters and Aclara Meter Transmission Units (MTUs) and implementation of Aclara's NCC cloud-based software and the Aclara -Tyler billing system connection.

B. Superintendent of Operations Report - Mr. Guistino summarized the monthly project highlights, including the Denniston Pump Station and Bridgeport Transmission Main, El Granada Tank 3 Rehabilitation and Coating, and approval to dredge at the Denniston Reservoir recently granted by the Department of Fish and Game.

8) **DIRECTOR AGENDA ITEMS - REQUESTS FOR FUTURE BOARD MEETINGS** - There were no requests from Directors for future agenda items.

9) **ADJOURNMENT** - The meeting was adjourned at 8:42 p.m.

Respectfully submitted,

David R. Dickson, General Manager
Secretary to the District

Glenn Reynolds, President
Board of Directors

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: June 13, 2017

Report

Date: June 5, 2017

Subject: Monthly Water Transfer Report - May 2017

Recommendation:

None. For Board information purposes only.

Background:

At the December 10, 2002 Board meeting and November 18, 2003 Special Board meeting, the Board made several changes to the District's water transfer policy. One of the changes directed the General Manager to approve routine water transfer applications that met the District's criteria as embodied in Resolution 2002-17 and Resolution 2003-19. The General Manager was also directed to report the number of water transfers approved each month as part of the monthly Board packet information.

During the month of May, two (2) applications to transfer two (2) -- 5/8" (20 gpm) non-priority water service connections were approved. A spreadsheet reporting these transfers follows this report as well as the approval memorandums from Patrick Miyaki and the confirmation letters from Gina Brazil.

**NON PRIORITY WATER TRANSFERS APPROVED FOR THE 2017 CALENDAR YEAR
MONTH OF APRIL 2017**

DONATING APN	PROPERTY OWNER(S)	RECIPIENT APN	PROPERTY OWNER(S)	# OF CONNECTIONS	DATE
115-520-170	Charles J. Keenan III (c/o Joyce Yamigiwa)	048-115-010	Laura Ely, Aaron & Kimberly Wunderlich	1 -- 5/8"	May 22, 2017
047-233-340	James Boyle	047-103-010	Kevin O'Connor, Kevin Peng, Xiaoming Huang	1 -- 5/8"	May 22, 2017

Memorandum

TO: Gina Brazil

FROM: Patrick T. Miyaki

DATE: May 18, 2017

RE: **Application to Transfer One Uninstalled Non-Priority Water Service Connection from Charles J. Keenan III Trustee (c/o Joyce Yamigiwa) to Laura Ely, Aaron D. Wunderlich & Kimberly A. Wunderlich**

Gina, I have reviewed the Application to transfer one 5/8-inch uninstalled non-priority water service connection from property owned by Charles J. Keenan III Trustee (c/o Joyce Yamigiwa) (APN 115-520-170) to Laura Ely, Aaron D. Wunderlich and Kimberly Wunderlich (APN 048-115-010).

The Application is generally in order and satisfies the requirements of the District's General Regulations Regarding Water Service, Section U, Transfer of Uninstalled Water Service Connection Rights.

Please do not hesitate to contact me if you have any questions or want to discuss this matter in more detail.

PTM:slh

cc: David Dickson, General Manager
Patrick T. Miyaki

May 22, 2017



Charles Keenan, Trustee
c/o Joyce Yamigiwa
700 Emerson Street
Palo Alto, CA 94301

and

Laura Ely & Aaron Wunderlich & Kimberly Wunderlich
PO Box 2608
El Granada, CA 94018

RE: Approval - Request for Transfer of Water Service Connection Capacity

Dear Property Owners:

This is official confirmation that the Coastside County Water District has approved your request to transfer one - 5/8" non-priority water service connections. The result of this transfer is as follows:

- **APN 115-520-170** continues to have the rights to thirty-nine (39) -- 5/8" (20 gpm) non-priority water service connections from the Coastside County Water District; and
- **APN 048-115-010** now has one (1) -- 5/8" (20 gpm) uninstalled non-priority water service connection assigned to it from the Crystal Springs Project. This developed parcel also has one -- 5/8" pre-crystal springs water service connection which was installed in 1972.

Please be advised that the City Council of the City of Half Moon Bay has taken the position that the transfer of a water service connection meets the definition of "development" so as to require a coastal development permit from the City. Applicants are advised to investigate this issue further with the City of Half Moon Bay Planning Department if applicable. The Coastside County Water District, in approving this application, does not make any representations or warranties with respect to further permits or approvals required by other governmental agencies, including the City of Half Moon Bay.

Sincerely,

A handwritten signature in blue ink, appearing to read "Gina Brazil", is written over the typed name.

Gina Brazil
Office Manager

cc: David Dickson, General Manager

Memorandum

TO: Gina Brazil

FROM: Patrick T. Miyaki

DATE: May 18, 2017

RE: **Application to Transfer One Uninstalled Non-Priority Water Service Connection from James Boyle to Kevin O'Connor, Xiaoming Huang and Kevin Peng**

Gina, I have reviewed the Application to transfer one 5/8-inch uninstalled non-priority water service connection from property owned by James Boyle (APN 047-233-340) to Kevin O'Connor, Xiaoming Huang and Kevin Peng (APN 047-103-010).

The Application is generally in order and satisfies the requirements of the District's General Regulations Regarding Water Service, Section U, Transfer of Uninstalled Water Service Connection Rights.

Please do not hesitate to contact me if you have any questions or want to discuss this matter in more detail.

PTM:slh

cc: David Dickson, General Manager
Patrick T. Miyaki

May 22, 2017

James Boyle
170 Avenue Portola
Half Moon Bay, CA 94019



and

Kevin O'Connor
3401 Lawton Street
San Francisco, CA 94122

Kevin Peng
167 Allison Street
San Francisco, CA 94112

Xiaoming Huang
434 Moscow Street
San Francisco, CA 94112

RE: Approval - Request for Transfer of Water Service Connection Capacity

Dear Property Owners:

This is official confirmation that the Coastside County Water District has approved your request to transfer one - 5/8" non-priority water service connection. The result of this transfer is as follows:

- APN 047-233-340 continues to have the right to two (2) -- 5/8" (20 gpm) non-priority water service connection from the Coastside County Water District; and
- APN 047-103-010 now has a one 5/8" (20 gpm) non-priority water service connection assigned to it from the Crystal Springs Project.

Please be advised that the City Council of the City of Half Moon Bay has taken the position that the transfer of a water service connection meets the definition of "development" so as to require a coastal development permit from the City. Applicants are advised to investigate this issue further with the City of Half Moon Bay Planning Department if applicable. The Coastside County Water District, in approving this application, does not make any representations or warranties with respect to further permits or approvals required by other governmental agencies, including the City of Half Moon Bay.

Sincerely,

A handwritten signature in blue ink, appearing to read "Gina Brazil", is written over the word "Sincerely,".

Gina Brazil
Office Manager

cc: David Dickson, General Manager

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

FY 2017

Installed Water Connection Capacity	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
HMB Non-Priority													
0.5" capacity increase													0
5/8" meter	1	1			3					1			6
3/4" meter					1					2	1		4
1" meter				1									1
1 1/2" meter													0
2" meter													0
3" meter				1									1
HMB Priority													
0.5" capacity increase													0
5/8" meter				1	1								2
3/4" meter													0
1" meter													0
1 1/2" meter													0
2" meter													0
County Non-Priority													
0.5" capacity increase													
5/8" meter		1	2	1		1							5
3/4" meter													0
1" meter													0
County Priority													
5/8" meter													0
3/4" meter													0
1" meter									1				1
Monthly Total	1	2	2	4	5	1	0	0	0	3	1	0	20

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

Installed Water Meters	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Totals
HMB Non-Priority	1	1		20	4.5					4	1.5		32
HMB Priority				1	1								2
County Non-Priority		1	2	1		1							5
County Priority									1.5				1.5
Monthly Total	1	2	2	22	5.5	1	0	0	1.5	4	1.5	0	40.5

Fiscal Year 2017 Water Service Installations

FY 2017

APN	Name	Install Address	City/Community	Meter Size	Type	Date Installed	Notes
056-081-380	Nava, Kenneth & Yvonne	694 Terrace Ave	HMB	5/8"	dom	25-Jul-16	with 1" fire
047-218-150	Engdahl, Maxine	640 Ferdinand	EG	5/8"	dom	5-Aug	with 1" fire
064-321-120	Jones, Lani and Greg	371 Magnolia St	HMB	5/8"	dom	11-Aug	with 1" fire
048-013-090	Philomena LLC	114 Magellan Ave.	Miramar	5/8"	dom	27-Sep	with 1" fire
047-062-170	DaRosa, Tom	431 Sonora Ave.	EG	5/8"	dom	28-Sep	1" fire installed 10/6/16
047-221-070	Sanchez, Cesar	435 Avenue Del Oro	EG	5/8"	dom	3-Oct	with 1" fire
056-502-080	Oceanview Foundation	1001 Main Street	HMB	1"	irr	4-Oct	
056-502-080	Oceanview Foundation	1001 Main Street	HMB	3"	dom	4-Oct	
056-116-120	Gray, Kenneth	419 Correas Street	HMB	5/8"	dom	11-Oct	failed well
047-071-230	McKee, Patrick and Barbara	139 Madrona Ave.	EG	5/8"	dom	1-Nov	failed well
064-052-320	McGregor, Paul	220 Myrtle Street	HMB	5/8"	dom	8-Nov	with 1" fire
066-600-270	Carnoustie LLC	119 Carnoustie Dr	HMB	3/4"	dom	24-Oct	
048-121-160	Ralston, Randy	2805 Champs Elysee	HMB	5/8"	dom	15-Nov	with 1" fire
056-056-020	McGregor, Paul	456 Grand Blvd.	HMB	5/8"	dom	10-Nov	with 1" fire
056-141-710	Negrete, Sal	460-462 Oak Ave.	HMB	5/8"	second	7-Dec	
047-287-260	Machado, Doug	917 PalmaSt.	EG	5/8"	dom	14-Dec	with 1" fire
047-175-060	McCaffery, Tom	338 San Pedro	EG	1"	fire	23-Mar	remodel
047-082-010	Barbara's Fish Trap	281 Capistrano Rd	EG	1"	dom	28-Mar	increased capacity from original 5/8" meter
056-058-350	TDR Properties	345 Belleville Blvd	HMB	5/8"	dom	6-Apr	with 1" fire
066-600-300	Carnoustie LLC	125 Carnoustie Dr	HMB	3/4"	dom	3-Apr	with 2" fire
066-600-280	Carnoustie LLC	121 Carnoustie Dr	HMB	3/4"	dom	3-Apr	with 2" fire
066-600-290	Carnoustie LLC	123 Carnoustie Dr	HMB	3/4"	dom	5-May	with 2" fire

TOTAL CCWD PRODUCTION (MG) ALL SOURCES- FY 2017

	CCWD Sources			SFPUC Sources		RAW WATER TOTAL	UNMETERED WATER	TREATED TOTAL
	DENNISTON WELLS	DENNISTON RESERVOIR	PILARCITOS WELLS	PILARCITOS LAKE	CRYSTAL SPRINGS RESERVOIR			
JUL	1.58	15.50	0.00	37.11	7.05	61.24	4.36	56.88
AUG	2.55	10.84	0.00	4.40	51.18	68.97	4.12	64.85
SEPT	2.28	10.35	0.00	0.00	45.04	57.67	3.37	54.30
OCT	0.49	1.71	0.00	0.00	57.09	59.29	1.76	57.53
NOV	0.01	1.13	10.91	0.00	26.92	38.97	2.15	36.82
DEC	0.00	13.01	13.18	0.00	17.59	43.78	2.05	41.73
JAN	0.00	2.32	18.25	0.00	14.98	35.55	2.24	33.31
FEB	0.00	0.00	23.75	4.01	6.36	34.12	3.72	30.41
MAR	0.43	5.18	25.41	13.01	1.80	45.83	3.33	42.50
APR	0.00	14.05	0.00	25.41	1.87	41.33	3.54	37.79
MAY	0.00	24.60	0.00	29.40	3.25	57.25	3.53	53.72
JUN								
TOTAL	7.34	98.69	91.50	113.34	233.13	544.00	34.17	509.83
% MONTHLY TOTAL	0.00%	42.97%	0.00%	51.35%	5.68%	100.00%	0.06	93.84%
% ANNUAL TO DATE TOTAL	1.3%	18.1%	16.8%	20.8%	42.9%	100.0%	6.28%	93.7%
Local vs Imported-month	94.3%	5.68%	CCWD vs SFPUC- month		43.0%	57.0%		
Local vs Imported-annual	57.1%	42.9%	CCWD vs SFPUC- annual		36.3%	63.7%		
	Local Source	Imported Source						

12 Month Running Treated Total 572.19

TOTAL CCWD PRODUCTION (MG) ALL SOURCES- FY 2016

	DENNISTON WELLS	DENNISTON RESERVOIR	PILARCITOS WELLS	PILARCITOS RESERVOIR	CRYSTAL SPRINGS RESERVOIR	RAW WATER TOTAL	UNMETERED WATER	TREATED TOTAL
JUL	0.00	0.00	0.00	0.00	57.33	57.33	2.57	54.76
AUG	0.00	0.00	0.00	0.00	62.00	62.00	2.07	59.93
SEPT	0.00	0.00	0.00	0.00	59.07	59.07	2.93	56.14
OCT	0.00	0.00	0.00	0.00	56.60	56.60	2.44	54.16
NOV	0.00	0.00	2.07	0.00	42.44	44.51	2.45	42.06
DEC	0.00	12.51	9.44	0.00	17.68	39.63	3.03	36.60
JAN	0.00	11.84	15.14	0.00	10.96	37.94	2.67	35.27
FEB	0.00	17.51	11.08	7.89	3.27	39.75	2.19	37.56
MAR	0.05	9.33	13.85	15.86	0.11	39.20	3.21	35.99
APR	0.00	18.08	13.24	10.30	1.96	43.58	3.26	40.32
MAY	0.00	24.01	2.70	33.79	4.03	64.53	3.92	60.62
JUN	1.45	18.80	0	39.29	7.69	67.23	4.87	62.36
TOTAL	1.50	112.08	67.52	107.13	323.15	611.37	35.60	575.77
% TOTAL	0.2%	18.3%	11.0%	17.5%	52.9%	100.0%	5.82%	94.2%

 denotes estimated due to faulty SFPUC meter

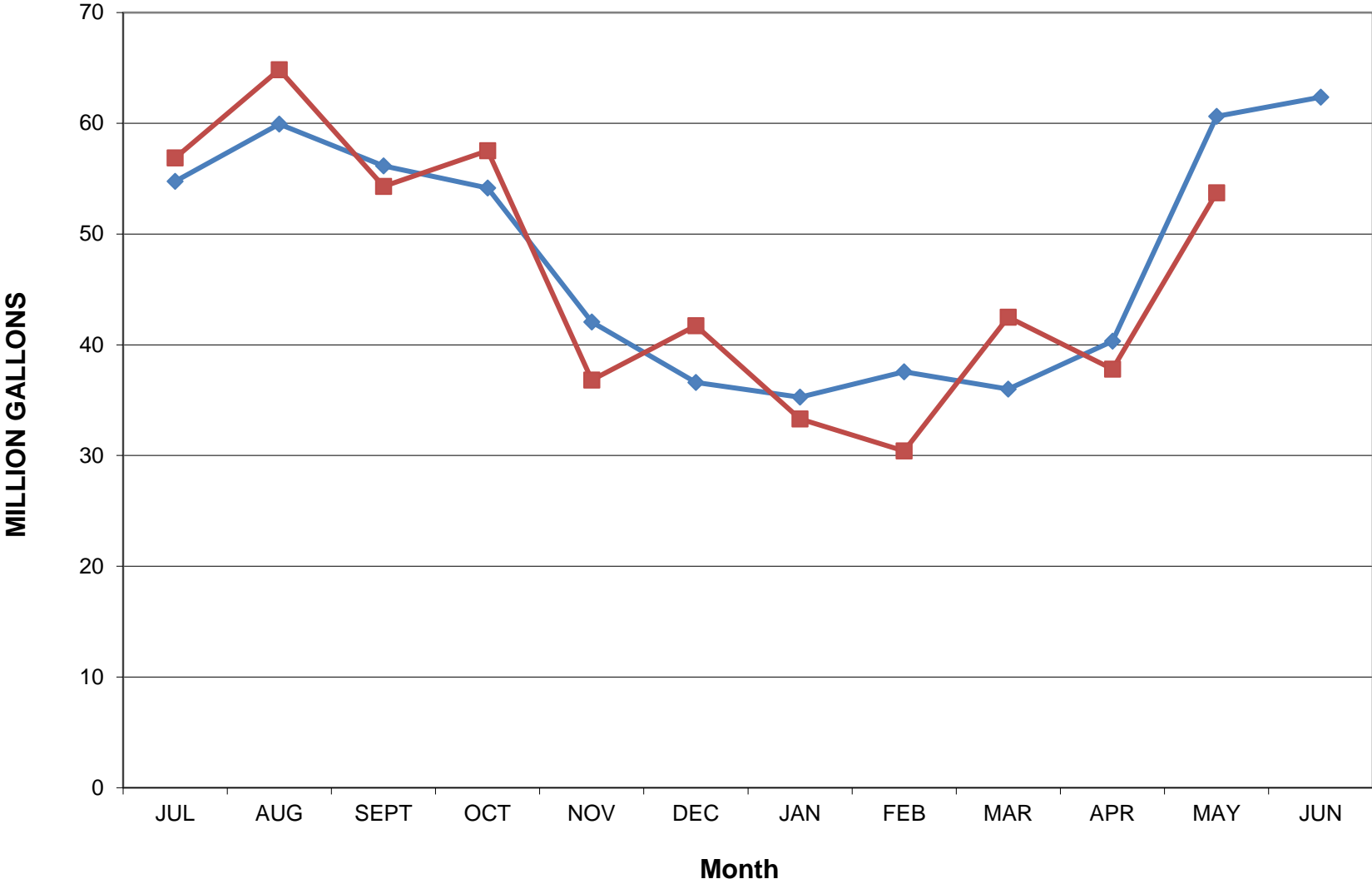
COASTSIDE COUNTY WATER DISTRICT

Predicted vs Actual Production - All Sources FY 17

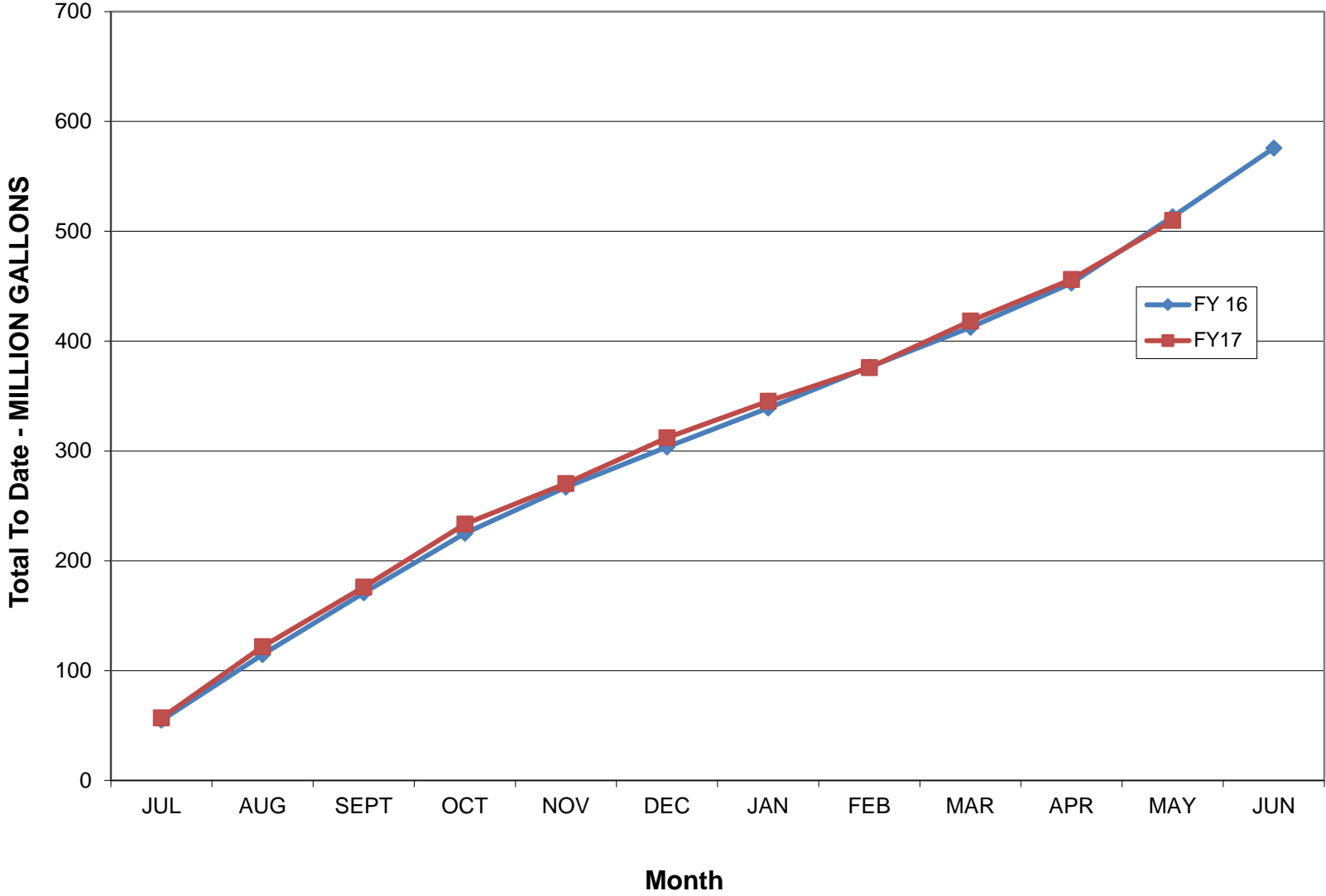
	Denniston Surface			Denniston Wells			Pilarcitos Wells			Pilarcitos Surface			SFWD CSP			SFWD Total	
	Actual MG	Predicted MG	pred-act	Actual MG	Predicted MG	pred-act	Actual MG	Predicted MG	pred-act	Actual MG	Predicted MG	pred-act	Actual MG	Predicted MG	pred-act	Actual MG	Predicted MG
Jul-16	15.50	0.00	-15.50	1.58	0.00	-1.58	0.00	0.00	0.00	37.11	0.00	-37.11	9.62	57.30	47.68	46.73	57.30
Aug-16	10.84	0.00	-10.84	2.55	0.00	-2.55	0.00	0.00	0.00	4.40	0.00	-4.40	51.18	61.04	9.86	55.58	61.04
Sep-16	10.35	0.00	-10.35	2.28	0.00	-2.28	0.00	0.00	0.00	0.00	0.00	0.00	45.04	67.77	22.73	45.04	67.77
Oct-16	1.71	0.00	-1.71	0.49	0.00	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	57.09	66.27	9.19	57.09	66.27
Nov-16	1.13	0.00	-1.13	0.01	0.00	-0.01	10.91	4.94	-5.97	0.00	0.00	0.00	26.92	45.33	18.41	26.92	45.33
Dec-16	13.01	12.49	-0.52	0.00	0.00	0.00	13.18	16.46	3.28	0.00	16.64	16.64	17.59	0.00	-17.59	17.59	16.64
Jan-17	2.32	12.49	10.17	0.00	0.00	0.00	18.25	17.20	-1.05	0.00	8.98	8.98	14.98	0.00	-14.98	14.98	8.98
Feb-17	0.00	12.49	12.49	0.00	0.00	0.00	23.75	19.45	-4.30	4.01	8.98	4.96	6.36	0.00	-6.36	10.37	8.98
Mar-17	5.18	12.64	7.46	0.43	0.00	-0.43	25.41	19.45	-5.96	13.01	5.31	-7.70	1.80	0.00	-1.80	14.81	5.31
Apr-17	14.05	12.64	-1.41	0.00	2.85	2.85	0.00	0.00	0.00	25.41	30.37	4.96	1.87	0.00	-1.87	27.28	30.37
May-17	24.60	12.64	-11.96	0.00	2.85	2.85	0.00	0.00	0.00	29.40	34.11	4.71	3.25	0.00	-3.25	32.65	34.11
Jun-17			#VALUE!			#VALUE!			#VALUE!			#VALUE!			#VALUE!	0.00	0.00
MG Totals	98.69	75.39	-23.30	7.34	5.70	-1.64	91.50	77.49	-14.01	113.34	104.38	-8.96	235.70	297.70	62.01	349.04	402.09

	Actual non SFPUC	Predicted non SFPUC	Actual SFPUC	Predicted SFPUC	TOTAL	Actual	Predicted	Pred-act
	197.53	158.58	349.04	402.09		546.57	560.67	14.11
% Total	36.14%	28.28%	63.86%	71.72%		97.48%		

Monthly Production FY 16 vs FY 17



Cumulative Production FY 16 vs.FY17



Plant Water Use*			Non Revenue Water					2017				MG	
	Denniston Plant	Nunes Plant	Total	Main Flushing	Main Breaks	Fire Dept	Miscellaneous	Denniston Holding Pond	Autoflush	Tank Level Difference	Total		
JAN	1.070	1.430	2.500	0.000	0.040	0.000	0.024	0.000	0.139	-0.553	2.150		
FEB	0.000	1.770	1.770	0.000	0.0003	0.000	2.000	0.000	0.024	-0.099	3.695		
MAR	0.370	1.800	2.170	0.000	0.403	0.000	0.090	0.157	0.024	0.487	3.331		
APR	1.420	1.590	3.010	0.000	0.131	0.000	0.000	0.285	0.024	0.086	3.536		
MAY	2.050	1.560	3.610	0.002	0.058	0.000	0.090	0.000	0.049	-0.281	3.528		
JUN											0.000		
JUL											0.000		
AUG											0.000		
SEP											0.000		
OCT											0.000		
NOV											0.000		
DEC											0.000		
TOTAL	4.91	8.15	13.06	0.00	0.63	0.00	2.20	0.44	0.26	-0.36	16.24		

* water removed from system and not returned

Denniston Samples 3009.33 gal/day
Nunes Samples 8750.33 gal/day

Plant Water Use*			Unmetered Water					2016				MG	
	Denniston Plant	Nunes Plant	Total	Main Flushing	Detector Checks*	Main Breaks	Fire Dept	Miscellaneous	Denniston Holding Pond	Miscellaneous	Tank Level Difference	Total	
JAN	1.070	1.430	2.500	0.005	0.022	0.000	0.006	0.000	0.013	0.139	0.002	2.686	
FEB	1.220	1.130	2.350	0.001	0.012	0.010	0.000	0.000	0.011	0.139	-0.326	2.197	
MAR	0.850	1.610	2.460	0.000	0.011	0.010	0.030	0.013	0.270	0.139	0.274	3.206	
APR	1.740	1.400	3.140	0.000	0.008	0.030	0.000	0.000	0.000	0.139	0.149	3.466	
MAY	1.920	1.560	3.480	0.000	0.019	0.173	0.000	0.000	0.000	0.139	0.153	3.964	
JUN	1.740	1.790	3.530	0.872	0.010	0.309	0.000	0.000	0.000	0.139	0.006	4.867	
JUL	1.810	2.150	3.960	0.512	0.009	0.011	0.000	0.000	0.000	0.139	-0.273	4.358	
AUG	1.380	1.980	3.360	0.000	0.011	0.089	0.000	0.000	0.283	0.139	0.240	4.123	
SEP	1.240	1.420	2.660	0.000	0.127	0.005	0.000	0.000	0.303	0.139	0.140	3.374	
OCT	0.130	1.600	1.730	0.000	0.007	0.020	0.000	0.000	0.000	0.139	-0.131	1.764	
NOV	1.650	0.000	1.650	0.000	0.008	0.006	0.000	0.002	0.125	0.139	0.224	2.154	
DEC	0.000	1.610	1.610	0.000	0.025	0.000	0.000	0.000	0.289	0.139	-0.010	2.054	
TOTAL	14.75	17.68	32.43	1.39	0.27	0.66	0.04	0.02	1.29	1.67	0.45	38.21	

**Coastside County Water District Monthly Sales By Category (MG)
FY2017**

	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	MG to Date
RESIDENTIAL	19.638	39.197	19.950	34.540	16.008	28.428	17.071	24.825	12.670	27.256	15.528		255.11
COMMERCIAL	3.731	3.032	3.597	2.698	2.969	2.321	2.599	1.930	2.766	2.203	3.143		30.99
RESTAURANT	1.745	1.569	1.937	1.353	1.596	1.260	1.343	0.975	1.405	1.204	1.682		16.07
HOTELS/MOTELS	3.004	3.420	2.778	2.425	2.239	1.857	2.048	1.700	2.288	2.200	2.795		26.75
SCHOOLS	0.659	0.754	0.723	0.722	0.332	0.223	0.131	0.470	0.238	0.329	0.503		5.08
MULTI DWELL	2.572	2.697	2.403	2.659	2.161	2.671	2.377	2.503	2.403	2.717	2.718		27.88
BEACHES/PARKS	0.579	0.500	0.406	0.343	0.206	0.120	0.153	0.097	0.198	0.185	0.337		3.13
AGRICULTURE	5.160	5.131	4.784	7.124	5.950	4.090	4.353	4.155	5.704	6.320	6.927		59.70
RECREATIONAL	0.242	0.282	0.221	0.220	0.186	0.211	0.185	0.192	0.214	0.263	0.227		2.44
MARINE	0.498	0.524	0.638	0.391	0.501	0.565	0.464	0.418	0.462	0.427	0.496		5.38
IRRIGATION	1.538	3.239	2.703	2.395	0.471	0.406	0.377	0.199	0.304	0.489	2.257		14.38
RAW WATER	10.081	8.593	9.711	8.440	0.141	2.079	0.000	0.000	0.004	0.703	3.586		43.34
Detector Checks	0.009	0.011	0.013	0.007	0.008	0.025	0.022	0.019	0.062	0.021	0.019		0.22
Portable Meters	0.099	0.895	0.404	0.496	0.299	0.155	0.094	0.083	0.141	0.159	0.220		3.04
TOTAL - MG	49.55	69.85	50.27	63.81	33.07	44.41	31.22	37.57	28.86	44.48	40.44	0.00	493.52

Non Residential Usage	29.916	30.649	30.317	29.273	17.061	15.983	14.146	12.743	16.189	17.220	24.911	0.000	
Running 12 Month Total													559.54
12 mo Residential													293.02
12 mo Non Residential													266.52
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	559.54 #VALUE!

FY 2016

	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	MG to Date
RESIDENTIAL	16.404	36.028	19.921	35.811	17.330	26.355	15.604	26.528	14.252	23.645	17.277	37.908	287.06
COMMERCIAL	5.667	3.049	3.291	2.591	2.874	2.085	2.685	2.306	2.777	1.976	3.822	2.684	35.81
RESTAURANT	1.461	1.871	1.921	1.486	1.462	1.132	1.530	1.254	1.523	1.034	1.946	1.354	17.98
HOTELS/MOTELS	2.439	3.397	3.086	2.502	2.528	1.985	2.440	2.164	2.352	2.035	3.535	2.573	31.04
SCHOOLS	0.530	0.619	0.782	0.830	0.536	0.261	0.194	0.297	0.309	0.221	0.791	0.688	6.06
MULTI DWELL	1.815	2.930	2.426	2.736	2.135	2.387	2.422	2.558	2.155	2.127	2.922	2.786	29.40
BEACHES/PARKS	0.413	0.498	0.673	0.352	0.287	0.158	0.162	0.153	0.178	0.141	0.356	0.429	3.80
AGRICULTURE	4.342	5.487	4.794	5.120	5.653	3.664	3.549	4.523	5.588	4.971	7.473	4.559	59.72
RECREATIONAL	0.173	0.263	0.209	0.206	0.158	0.153	0.161	0.166	0.154	0.153	0.245	0.220	2.26
MARINE	0.491	0.592	0.680	0.425	0.397	0.260	0.328	0.278	0.373	0.442	0.652	0.445	5.36
IRRIGATION	4.941	6.605	5.648	1.765	0.612	0.396	0.137	0.158	0.187	0.376	4.553	4.927	30.31
RAW WATER	3.736	6.878	6.416	5.393	5.210	1.716	1.513	1.471	1.147	0.902	2.631	7.195	44.21
Portable Meters	0.697	1.057	0.560	0.687	0.518	0.144	0.066	0.099	0.122	0.141	0.231	0.254	4.58
TOTAL - MG	43.11	69.27	50.41	59.90	39.70	40.69	30.79	41.96	31.12	38.16	46.43	66.02	557.58

Non Residential Usage	26.706	33.246	30.486	24.093	22.371	14.340	15.187	15.428	16.865	14.519	29.156	28.114	
Running 12 Month Total													
12 mo Residential	1.37	4.37	6.03	9.01	10.46	12.65	13.95	16.17	17.35	19.32	20.76	23.92	
12 mo Non Residential	2.23	5.00	7.54	9.54	11.41	12.60	13.87	15.15	16.56	17.77	20.20	22.54	
Total	3.59	9.37	13.57	18.56	21.87	25.26	27.82	31.32	33.91	37.09	40.96	46.46	

MONTH	May-17	
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Coastside County Water District Monthly Discharge Report

EMERGENCY MAIN AND SERVICE REPAIRS

1	Date Reported Discovered	Date Repaired	Location	Pipe Class	Pipe Size & Type	Estimated Water Loss (Gallons)*	Environmental Damage? Y/N **	If Yes chlorine residual after dechlor	Equipment Costs	Material Costs	Employee hours		Labor Costs	Total Costs
											Staff	Hours		
1	5/16/2017	5/16/17	11881 San Mateo Road						*	*			*	
				M	12 WS	58,000	N	N						\$0.00
2											Staff	Hours		\$0.00
3											Staff	Hours		\$0.00
4											Staff	Hours		\$0.00
5											Staff	Hours		\$0.00
6											Staff	Hours		\$0.00
7											Staff	Hours		\$0.00
8											Staff	Hours		\$0.00
Totals						58,000			\$0.00	\$0.00	0	0	\$0	\$0.00

* all costs paid by contractor who damaged main ** If Yes, include photos of damage Staff x hours = 0

MONTH		May-17											
PLANNED PLANT OR TANK DISCHARGE AND NEW WATER LINE FLUSHING REPORT										OTHER DISCHARGES			
	Date	Project/Location	Pipe Size & Type	Estimated Water Flushed (Gallons)	Chlorine Residual after dechlor	pH	Flow Rate (gal/min)	Duration of Discharge (minutes)	Total Volumes (gallons)				
1									Flushing Program				
2									Reservoir Cleaning				
3									Automatic Blowoffs	49,000			
3									Dewatering Operations				
4									Other (includes flow testing)	2000			
DEWATERING OPERATIONS GREATER THAN 350,000 GALLONS (requires prenotification to CWRCB)										Number of planned or emergency discharges greater than 50,000 gallons			
	Date	Location	Volume	pH			Chlorine Residual after dechlor			Duration (min)			
				5 min	20 min	end	5 min	20 min	end		1		
1													
2													
ANNUAL REPRESENTATIVE MONITORING										PLANNED DISCHARGES GRAND TOTAL (MG)			
	Date	Location	Volume (gal)	pH	Chlorine Residual after dechlor (ppm)								
1											0.051		

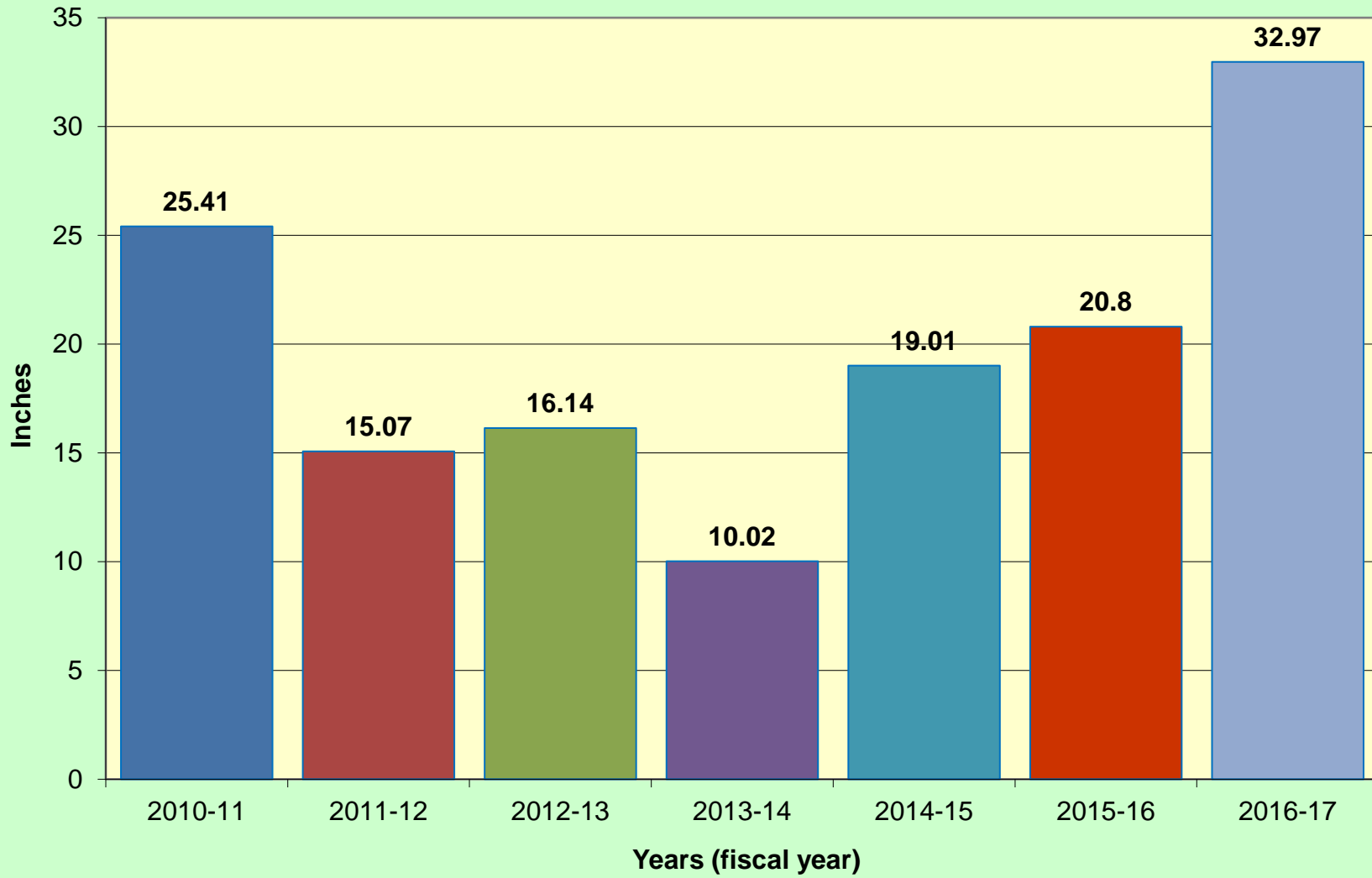
Coastside County Water District
 766 Main Street
 July 2016 - June 2017

District Office
 Rainfall in Inches

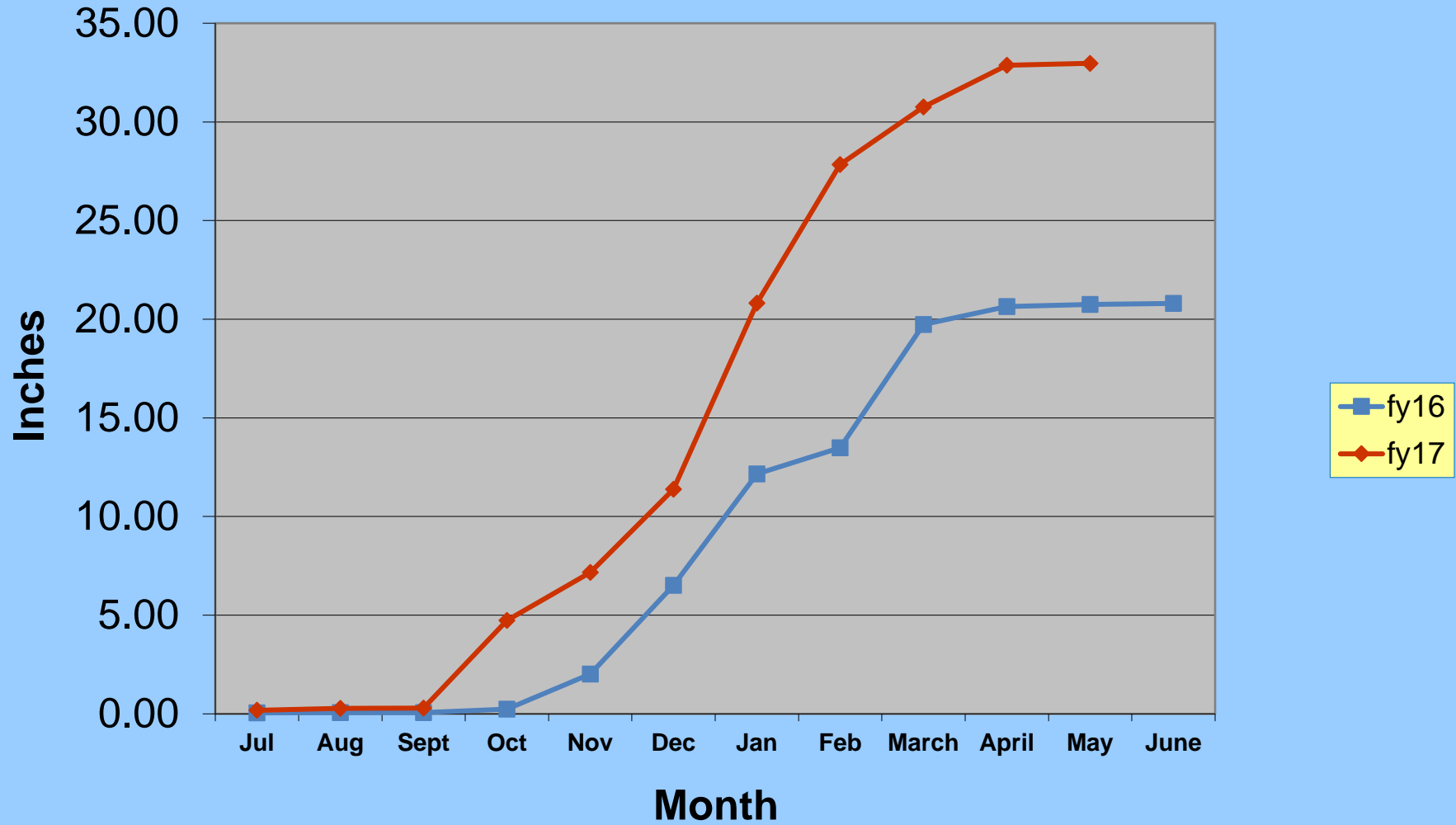
	2016						2017					
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June
1	0	0	0.01	0	0.2	0.01	0.04	0.01	0.03	0.01	0.01	
2	0	0	0	0	0.01	0	0.15	0.14	0	0	0	
3	0	0	0	0.01	0	0	1.06	0.49	0.01	0.01	0	
4	0.01	0	0	0	0	0.01	0.41	0.1	0.47	0	0	
5	0.04	0.04	0	0.01	0.01	0	0.01	0.24	0.56	0	0.02	
6	0	0	0	0.01	0.02	0.01	0	0.48	0.15	0.75	0	
7	0.02	0	0	0	0	0.26	0.55	0.81	0.08	0.71	0	
8	0.06	0	0	0	0	0.27	0.92	0.39	0	0.15	0	
9	0.01	0.01	0	0	0.01	0.11	0.35	0.35	0.01	0.09	0.01	
10	0	0	0	0	0.01	1.06	1.09	0.32	0	0.05	0	
11	0	0	0	0	0.01	0.01	0.04	0.19	0.01	0.04	0	
12	0	0.01	0	0	0	0	0.35	0.15	0.01	0.07	0	
13	0	0	0	0	0.01	0.09	0	0.03	0	0.02	0	
14	0	0	0	0.56	0	0.08	0.01	0	0	0.02	0	
15	0.01	0.01	0	0.62	0.01	1.48	0.01	0	0.01	0.01	0	
16	0	0.01	0	0.96	0	0	0	0.34	0.03	0.01	0.02	
17	0	0.01	0	0.01	0.01	0	0	0.66	0	0.01	0	
18	0.01	0.01	0	0	0	0	0.92	0.44	0	0.01	0	
19	0	0	0	0	0.23	0	0.38	0.04	0	0	0	
20	0	0	0	0	0.31	0	1.28	0.75	0.3	0.01	0	
21	0	0	0	0.01	0	0	0.31	0.37	0.52	0	0.01	
22	0	0	0	0.01	0.25	0	0.8	0.16	0.2	0	0	
23	0.01	0	0	0.01	0.06	0.81	0.73	0.14	0.12	0	0	
24	0	0	0	0.07	0.01	0.01	0.01	0.2	0.09	0.02	0	
25	0	0	0	0	0	0	0.01	0.09	0.07	0	0.01	
26	0	0	0	0	0.84	0	0	0.06	0.09	0.12	0	
27	0	0	0	0.6	0.25	0	0	0.05	0.05	0	0	
28	0	0	0	0.38	0.15	0	0	0.03	0.04	0	0	
29	0	0	0	0.06	0	0	0		0.04	0	0.01	
30	0	0	0	1.08	0.04	0	0		0.02	0	0	
31	0.01	0		0.04		0	0		0.01		0.01	
Mon.Total	0.18	0.10	0.01	4.44	2.44	4.21	9.43	7.03	2.92	2.11	0.10	0.00
Year Total	0.18	0.28	0.29	4.73	7.17	11.38	20.81	27.84	30.76	32.87	32.97	32.97

Rain Totals

Fiscal Years 11 - 17



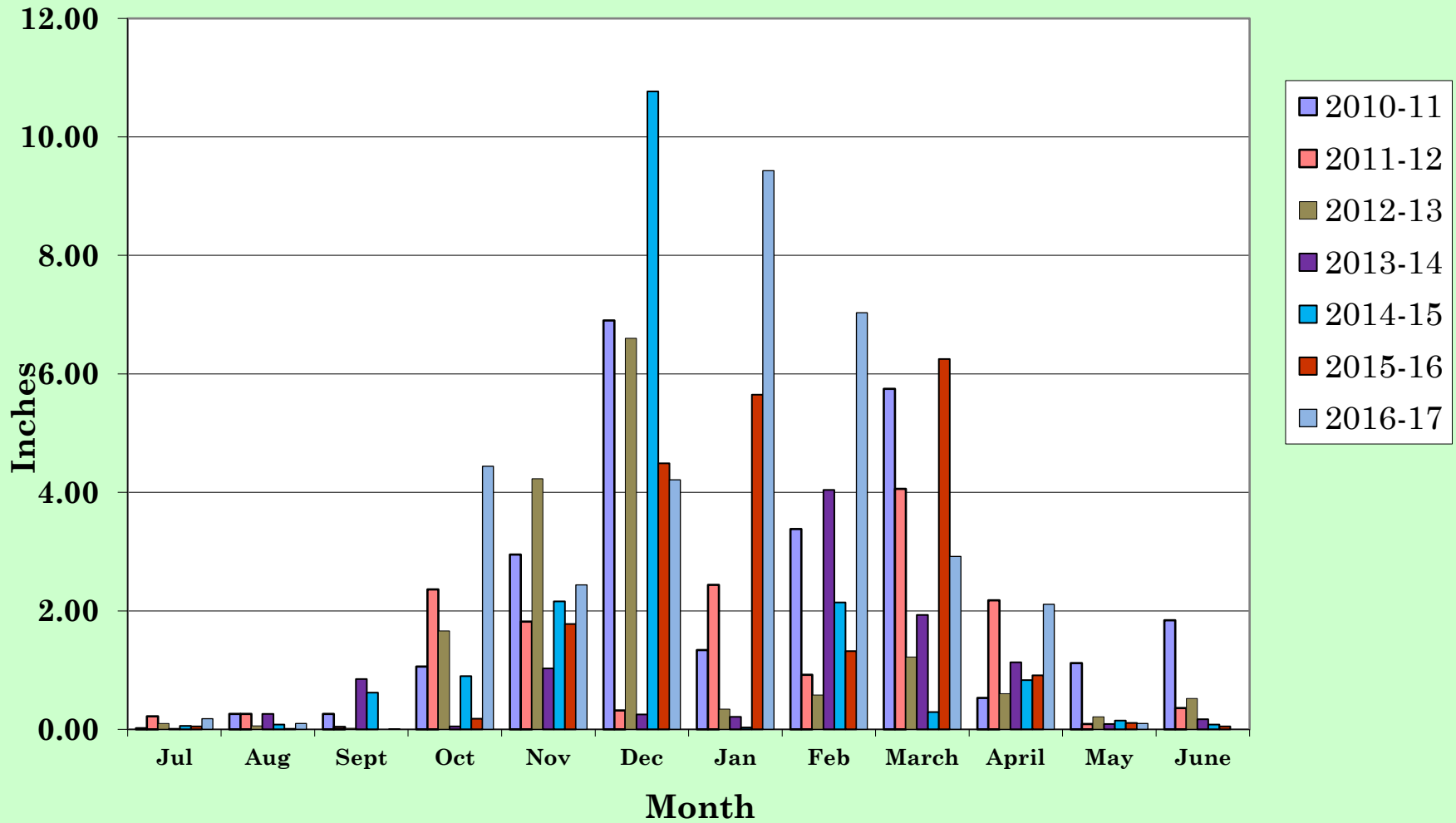
Rainfall Total Comparison Fiscal Years 16 and 17



Coastside County Water District

Rainfall by Month

Fiscal Years 11 - 17



MONTHLY CLIMATOLOGICAL SUMMARY for MAY. 2017

NAME: CCWD weather station CITY: STATE:
 ELEV: 80 ft LAT: 37° 18' 00" N LONG: 122° 18' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	58.1	73.0	11:00a	46.8	5:00a	7.5	0.6	0.01	1.0	11.0	4:30p	W
2	58.5	71.5	4:00p	48.3	6:30a	7.1	0.7	0.00	1.0	11.0	5:30p	W
3	56.9	65.9	3:00p	49.6	6:30a	8.2	0.0	0.00	0.9	8.0	12:30p	W
4	54.3	60.9	2:30p	49.9	6:30a	10.7	0.0	0.00	1.2	10.0	2:00p	W
5	54.3	59.1	4:30p	51.0	12:00m	10.7	0.0	0.02	2.4	19.0	3:30p	WNW
6	52.8	57.3	4:00p	48.0	12:00m	12.2	0.0	0.00	3.9	18.0	3:30a	WNW
7	52.2	63.8	2:30p	43.2	6:30a	12.8	0.0	0.00	1.3	9.0	12:30p	W
8	52.0	60.7	2:00p	44.5	6:30a	13.0	0.0	0.00	1.2	12.0	2:00p	WSW
9	53.2	62.1	1:30p	44.9	6:00a	11.8	0.0	0.01	1.5	12.0	5:30p	W
10	55.3	61.2	5:00p	50.0	12:00m	9.7	0.0	0.00	2.3	12.0	2:00p	WSW
11	56.1	63.5	11:30a	49.0	1:00a	8.9	0.0	0.00	1.2	10.0	11:30a	WSW
12	54.5	61.0	2:00p	46.4	7:00a	10.5	0.0	0.00	2.4	17.0	5:30p	NE
13	53.9	59.7	3:30p	47.6	6:30a	11.1	0.0	0.00	2.8	15.0	3:00p	WNW
14	53.2	58.6	3:30p	49.6	6:30a	11.8	0.0	0.00	3.0	13.0	1:30a	W
15	53.3	58.5	2:00p	50.1	2:30a	11.7	0.0	0.00	2.8	16.0	2:30p	W
16	54.0	58.6	4:30p	51.5	2:00a	11.0	0.0	0.02	2.5	11.0	5:30p	W
17	54.1	60.5	3:30p	46.8	12:00m	10.9	0.0	0.00	2.4	14.0	4:30p	W
18	53.6	65.2	3:30p	44.3	6:00a	11.4	0.0	0.00	1.0	11.0	4:00p	S
19	54.5	64.5	2:30p	44.4	6:00a	10.5	0.0	0.00	1.1	10.0	1:30p	W
20	55.0	65.1	5:30p	45.1	7:00a	10.1	0.0	0.00	0.9	8.0	4:00p	W
21	53.7	60.6	4:00p	47.7	3:30a	11.3	0.0	0.01	1.1	9.0	4:30p	W
22	54.4	61.6	4:00p	49.9	6:30a	10.6	0.0	0.00	0.9	8.0	1:30p	W
23	54.7	59.6	12:30p	50.9	6:00a	10.3	0.0	0.00	1.1	9.0	12:00p	WSW
24	55.6	62.0	2:30p	51.4	5:30a	9.5	0.0	0.00	2.3	13.0	3:00p	WSW
25	56.4	61.0	4:30p	52.7	5:30a	8.6	0.0	0.01	3.5	15.0	3:00p	WSW
26	55.8	62.3	4:30p	49.2	12:00m	9.2	0.0	0.00	1.2	8.0	4:30p	WSW
27	56.1	62.7	3:00p	48.1	2:30a	8.9	0.0	0.00	1.8	12.0	2:30p	W
28	54.5	57.1	4:00p	53.2	12:00m	10.5	0.0	0.00	1.3	9.0	2:30p	W
29	53.7	56.6	4:00p	52.1	5:00a	11.3	0.0	0.01	1.5	11.0	10:30a	W
30	54.2	58.0	4:30p	51.6	8:30a	10.8	0.0	0.00	2.1	12.0	3:00a	W
31	57.4	64.5	2:30p	52.5	6:30a	7.6	0.0	0.01	1.3	11.0	3:00p	W
	54.7	73.0	1	43.2	7	320.2	1.3	0.10	1.8	19.0	5	W

Max >= 90.0: 0
 Max <= 32.0: 0
 Min <= 32.0: 0
 Min <= 0.0: 0

Max Rain: 0.02 ON 05/05/17

Days of Rain: 2 (>.01 in) 0 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE		ELEVATION OF RIVER		PRECIPITATION		WEATHER (Observation Day)										RIVER STAGE		REMARKS (SPECIAL OBSERVATIONS, ETC.)												
	24 HRS ENDING AT OBSERVATION	AT OBSN	TEMPERATURE	AT OB	24 HR AMOUNTS (in and snow, etc. hundredths)	AT OB (in and pellets, hail)	A.M.					NOON					P.M.					Condition	Gage reading at AM	Tendency							
MAX	MIN				Rain, snow, etc. (in and pellets)	Snow, ice (in and pellets, hail)	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11			
1	67	43	61	0.00																											
2	69	46	66	0.00																											
3	68	47	61	0.00																											
4	61	49	58	0.00																											
5	59	52	58	0.02																											
6	58	52	56	T																											
7	61	41	57	0.00																											
8	58	43	56	0.00																											
9	61	42	59	0.00																											
10	60	50	59	0.00																											
11	61	48	59	0.00																											
12	60	44	60	0.00																											
13	60	48	58	0.00																											
14	59	50	57	0.00																											
15	59	50	57	0.00																											
16	59	51	58	T																											
17	60	50	59	0.00																											
18	63	43	62	0.00																											
19	64	41	60	0.00																											
20	61	45	60	0.00																											
21	62	44	57	0.00																											
22	60	49	59	0.00																											
23	60	51	58	0.00																											
24	65	51	61	T																											
25	61	52	60	0.00																											
26	61	53	59	T																											
27	62	45	61	0.00																											
28	62	53	57	0.00																											
29	58	52	56	T																											
30	59	51	58	0.00																											
31	64	51	62	T																											
61.4	48.0	SUM	0.02																												

CONDITION OF RIVER AT GAGE

READING DATE

CHECK BAR (for wire weight) NORMAL CHECK BAR

DATE

ICE PEL
GLAZE
THUND
HAIL
DAM
WINDS

OBSERVER

STATION INDEX NO. 04-3714-04

SUPERVISING OFFICE MTR San Francisco

A. Obstructed by rough ice
 B. Frozen, but open at gage
 C. Upper surface smooth ice
 D. Ice gorge above gage
 E. Ice gorge below gage
 F. Shore ice
 G. Floating ice
 H. Pool stage

San Francisco Public Utilities Commission Hydrological Conditions Report For April 2017

J. Chester, C. Graham, & M. Tsang, May 4, 2017



The O'Shaughnessy Dam Spillway is carved from the granite bedrock that makes up the valley walls in Hetch Hetchy Valley. The spillway has a capacity of 10,000 cfs. The drumgates along the reservoir side of the spillway control releases into the spillway. These drumgates can be raised and lowered to increase or decrease spillway flow as needed.

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

Table 1 Current Storage As of May 1, 2017							
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	
Tuolumne System							
Hetch Hetchy ¹	284,166		340,830		56,664		83.4%
Cherry ²	181,940		268,810		86,870		67.7%
Lake Eleanor ³	24,286		21,495		0		Full
Water Bank	570,000		570,000		0		Full
Tuolumne Storage	1,060,392		1,201,135		143,534		88.3%
Local Bay Area Storage							
Calaveras ⁴	27,854	9,076	96,824	31,550	68,970	22,474	28.8%
San Antonio	45,869	14,947	50,496	16,454	4,627	1,508	90.8%
Crystal Springs	55,387	18,048	58,377	19,022	2,990	974	94.9%
San Andreas	18,390	5,992	18,996	6,190	606	198	96.8%
Pilarcitos	2,895	943	2,995	976	100	32	96.7%
Total Local Storage	150,395	49,006	227,688	74,192	77,293	25,185	66.1%
Total System	1,210,787		1,428,823		220,827		84.7%

¹ Maximum Hetch Hetchy Reservoir storage with drum gates de-activated.

² Maximum Cherry Reservoir storage with flash-boards removed.

³ Maximum Lake Eleanor storage with flash-boards removed.

⁴ Available capacity does not take into account current DSOD storage restrictions.

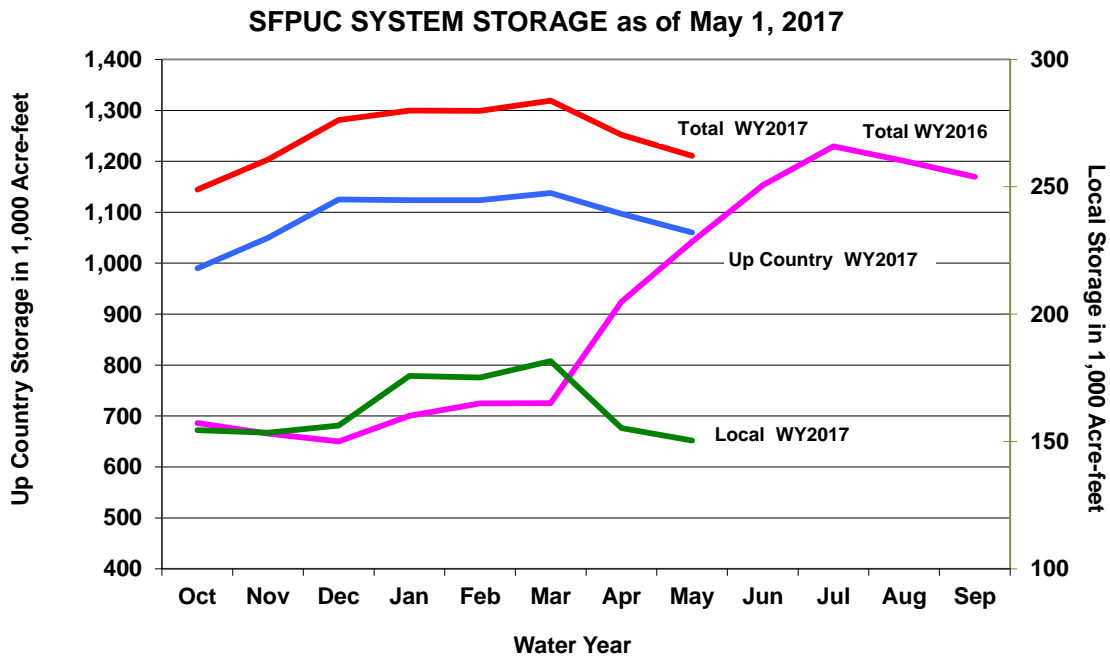


Figure 1: Monthly system storage for Water Year 2017

Hetch Hetchy System Precipitation Index ⁵

Current Month: The April 2017 six-station precipitation index was 5.89 inches, or 192% of the average index for the month.

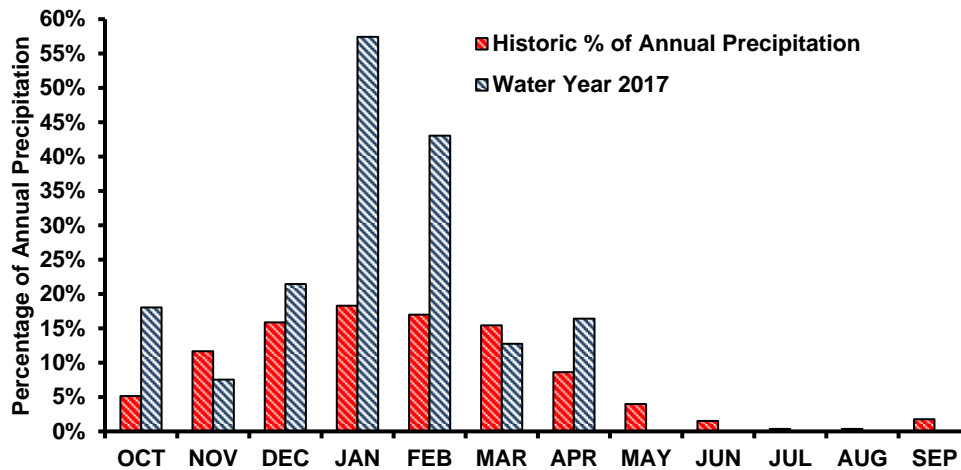


Figure 2: Monthly distribution of the Hetch Hetchy Six-station precipitation index as percent of the annual average precipitation.

Cumulative Precipitation to Date: The accumulated six-station precipitation index for water year 2017 is 63.9 inches, which is 179.5% of the average annual water year total, or 192.1% of average annual to date. Hetch Hetchy received 5.62 inches precipitation in April and a total of 62.1 inches for water year 2017. The cumulative Hetch Hetchy precipitation is shown in Figure 3 in red.

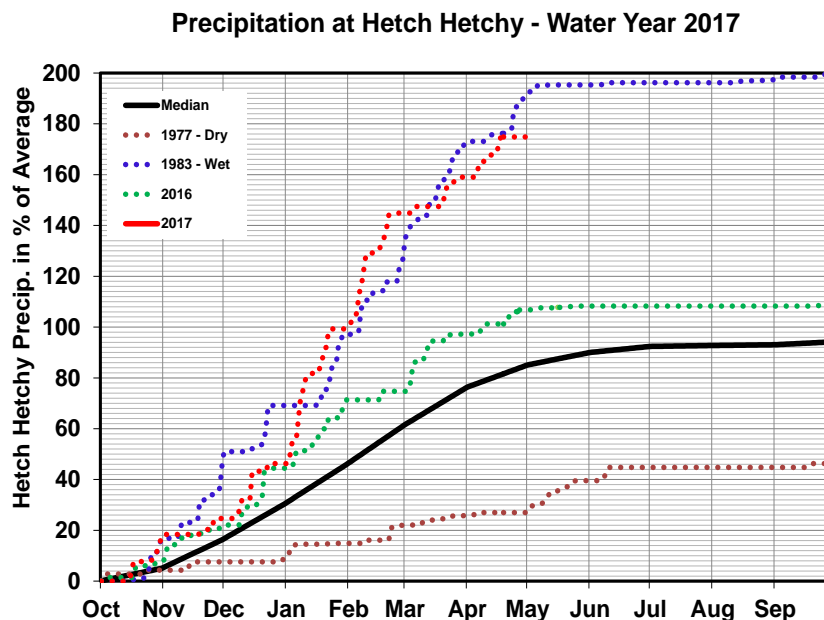


Figure 3: Water year 2017 cumulative precipitation measured at Hetch Hetchy Reservoir through April 30th, 2017. Precipitation at the Hetch Hetchy gauge for wet, dry, median, and WY 2016 are included for comparison purposes.

⁵The precipitation index is computed using six Sierra precipitation stations and is an indicator of the wetness of the basin for the water year to date. The index is computed as the average of the six stations and is expressed in inches and in percent.

Tuolumne Basin Unimpaired Inflow

Unimpaired inflow to SFPUC reservoirs and the Tuolumne River at La Grange as of April 30th, 2017 is summarized below in Table 2.

	April 2017				October 1, 2016 through April 30, 2017			
	Observed Flow	Median ⁶	Average ⁶	Percent of Average	Observed Flow	Median ⁶	Average ⁶	Percent of Average
Inflow to Hetch Hetchy Reservoir	133,172	88,140	90,415	147.3%	558,254	204,241	220,781	252.9%
Inflow to Cherry Reservoir and Lake Eleanor	115,442	72,413	73,287	157.5%	582,362	197,337	211,960	274.8%
Tuolumne River at La Grange	525,203	262,613	273,556	192.0%	2,804,898	775,189	874,089	320.9%
Water Available to the City	329,078	82,697	96,413	341.3%	1,964,424	231,180	319,913	610.1%

⁶ Hydrologic Record: 1920 – 2015

Hetch Hetchy System Operations

Draft and releases from Hetch Hetchy Reservoir during the month of April totaled 135,338 acre-feet to meet instream release requirements and reservoir management goals. Precipitation to date and inflows are sufficient to keep Hetch Hetchy Reservoir in Year Type A through June. Hetch Hetchy minimum instream release requirements for April were 75 cfs, and will be 100 cfs for May. Hetch Hetchy inflows have remained high through May, requiring additional valve releases to maintain storage within our seasonal targets (300,000-310,000 acre-feet). May generation and additional releases will be set to balance inflows, with the aim of maintaining Hetch Hetchy Reservoir storage within the seasonal targets.

99,604 acre-feet of draft was made from Cherry Reservoir during the month of April to meet instream release requirements and reservoir management goals. No water was transferred via pumping from Lake Eleanor to Cherry Reservoir in April. The required minimum instream release from Cherry Reservoir is 5 cfs through June. Required minimum release from Lake Eleanor is 20 cfs from April 14 through September 15. Cherry storage will be maintained below 248,000 acre-feet via power generation through May. Valve releases to minimize excessive spill at Lake Eleanor were made during the month of April and will continue through spring runoff.

Regional System Treatment Plant Production

The Harry Tracy Water Treatment Plant average production rate for April was 21 MGD. The Sunol Valley Water Treatment Plant average production for the month was 74 MGD.

Local System Water Delivery

The average April delivery rate was 165 MGD which is a 2% increase above the March delivery rate of 162 MGD.

Local Precipitation

April showers provided above average precipitation for the Bay Area, average precipitation fell in the south bay. The April rainfall summary is presented in Table 3.

Reservoir	Month Total (inches)	Percentage of Average for the Month	Water Year to Date ⁷ (inches)	Percentage of Average for the Year-to-Date ⁷
Pilarcitos	4.51	156 %	62.00	166 %
Lower Crystal Springs	2.84	139 %	39.10	152 %
Calaveras	1.81	99 %	25.92	126 %

⁷ WY 2017: Oct. 2016 through Sep. 2017.

Snowmelt and Water Supply

Continued storm events, mitigated by relatively warm weather, have resulted in a small net increase in snowpack conditions. Due to the warm weather, most of the snow accumulation has been at higher elevations, where we are seeing record snow depths and water content. Snow accumulation and precipitation have fallen below 1983 levels. Reservoir inflows have correspondingly been above average, maintaining reservoir storages at or above our seasonal targets for all of February. Increased releases from all reservoirs to manage storage levels resulted in full Water Bank from early January through the present.

With high current storage and a large snowpack, inflows will fill all reservoirs to operational storage targets by June/July and maintain full Water Bank through next fall. To manage reservoir storage levels, we anticipate powerdraft in excess of municipal load through the end of runoff. In addition, we expect valve releases and spill at Hetch Hetchy in the order of 700 to 900 TAF during the runoff season. At Cherry Lake, valve releases combined with full powerdraft at Holm PH will manage inflows.

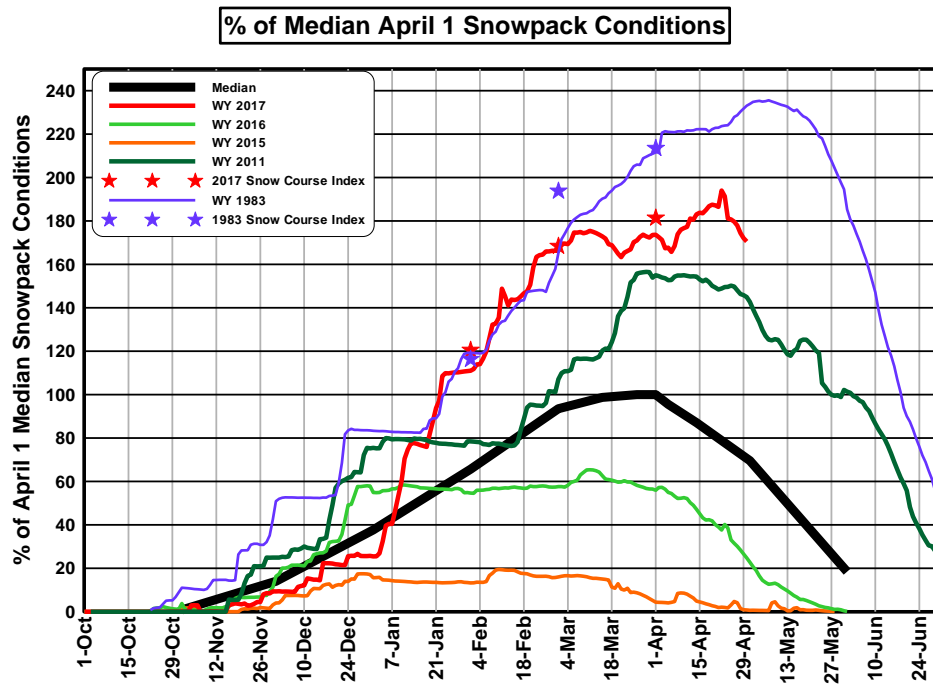


Figure 4: Snowpack conditions as of May 1. Current conditions are well above average to date, and above average seasonal maximum. Snow conditions are above peak 2011 accumulation, the most recent above average year. Snow surveys (red stars) agree with snow pillows (red line), indicating deep and widespread snow accumulation. 1983, the wettest year on record, is included for comparison.

Unimpaired Flow at La Grange & Water Available to the City

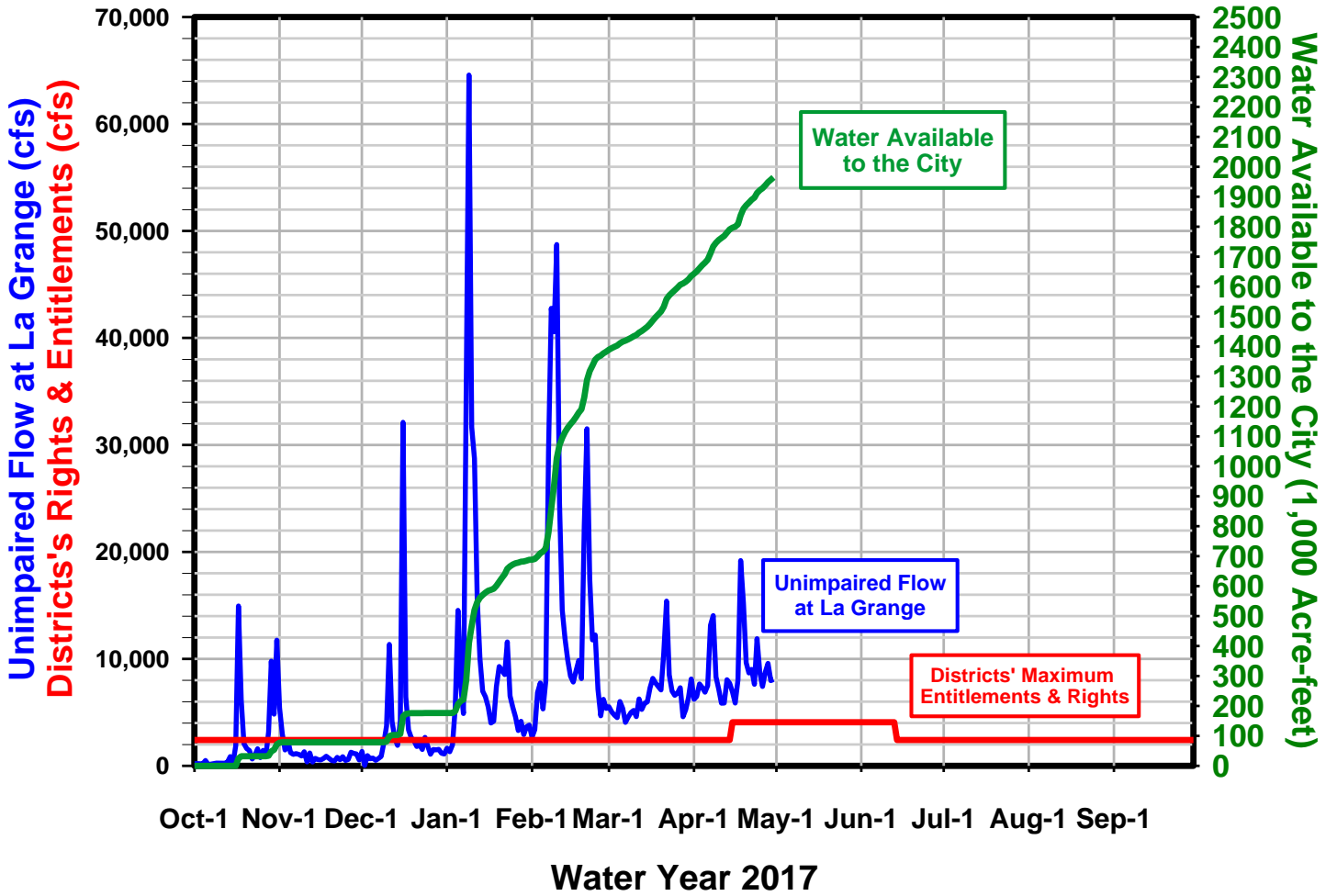


Figure 5: Calculated unimpaired flow at La Grange and the allocation of flows between the Districts and the City. 1,964,424 acre-feet of water has become available to the City during water year 2017. Inflows have exceeded the District Entitlements line since early January.

STAFF REPORT

To: Coastside County Water District Board of Directors

From: Mary Rogren, Assistant General Manager

Agenda: June 13, 2017

Report

Date: June 9, 2017

Subject: Approve Salary Schedule with a Cost of Living Adjustment increase for FY2017-2018 effective July 1, 2017

Recommendation:

Approval of Salary Schedule with a Cost of Living Adjustment increase for FY2017-2018 effective July 1, 2017

Background:

CalPERS requires Board approval of the salary schedule. The proposed schedule reflects a 3.3% Cost of Living Adjustment based upon the change in the Consumer Price Index - Urban Wage Earners and Clerical Workers - San Francisco-Oakland-San Jose, CA from February to February.

The District is still in negotiations with Teamsters Local 586 for the Memorandum of Understanding (MOU). The union has confirmed their support to have the 3.3% Cost of Living Adjustment increase approved and implemented prior to the conclusion of the negotiations of the MOU. The MOU will be presented to the Board at a future Board meeting.

**COASTSIDE COUNTY WATER DISTRICT
SALARY SCHEDULE FOR FISCAL YEAR 2017-2018
EFFECTIVE: July 1, 2017 (includes 3.3% COLA)**

JOB TITLE	HOURLY RANGE BOTTOM	ANNUAL	HOURLY RANGE TOP	ANNUAL
MANAGEMENT				
GENERAL MANAGER				\$ 225,553
ASSISTANT GENERAL MANAGER				\$ 177,901
SUPERINTENDENT OF OPERATIONS		\$ 124,084		\$ 154,982
ADMINISTRATIVE				
ADMINISTRATIVE ASSISTANT	\$ 38.37	\$ 79,811	\$ 46.15	\$ 95,989
OFFICE MANAGER	\$ 39.17	\$ 81,483	\$ 47.75	\$ 99,327
OFFICE SPECIALIST I	\$ 27.10	\$ 56,375	\$ 33.02	\$ 68,679
OFFICE SPECIALIST II	\$ 29.88	\$ 62,149	\$ 36.41	\$ 75,734
CUSTOMER SERVICE TECHNICIAN	\$ 29.88	\$ 62,149	\$ 36.41	\$ 75,734
UTILITY BILLING SPECIALST	\$ 34.66	\$ 72,087	\$ 42.22	\$ 87,828
WATER RESOURCE ANALYST	\$ 39.67	\$ 82,523	\$ 48.36	\$ 100,595
WATER EFFICIENCY SPECIALIST	\$ 32.99	\$ 68,622	\$ 40.19	\$ 83,597
OPERATIONS				
DISTRIBUTION SUPERVISOR	\$ 47.78	\$ 99,375	\$ 58.23	\$ 121,115
MAINTENANCE WORKER	\$ 27.10	\$ 56,375	\$ 33.02	\$ 68,679
MAINTENANCE WORKER II	\$ 28.45	\$ 59,168	\$ 34.66	\$ 72,085
SR. TREATMENT/DISTRIBUTION OPERATOR	\$ 44.37	\$ 92,284	\$ 54.05	\$ 112,428
TREATMENT PLANT SUPERVISOR	\$ 54.05	\$ 112,428	\$ 65.86	\$ 136,982
TREATMENT/DISTRIBUTION OPERATOR	\$ 32.18	\$ 66,930	\$ 39.23	\$ 81,592

* All Coastside County Water District employees are paid on a bi-weekly schedule.

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: June 13, 2017

Report

Date: June 8, 2017

Subject: Resolution in Support of the Association of California Water Agencies' Policy Statement on Bay-Delta Flow Requirements

Recommendation:

Approve a Resolution in Support of the Association of California Water Agencies' Policy Statement on Bay-Delta Flow Requirements.

Background:

The Association of California Water Agencies (ACWA) has requested that all ACWA member agencies pass a resolution supporting ACWA's policy statement on the State Water Resources Control Board's (SWRCB) proposal to improve water quality in the San Francisco Bay Delta by requiring minimum flows in the San Joaquin River. This SWRCB initiative is just one element of the immensely complex, politically charged, decades-long controversy over water quality, water supply, and environmental concerns in the Delta.

The SWRCB "unimpaired flow" approach to the San Joaquin River, if implemented, could result in dramatic reductions in water available to the City and County of San Francisco (CCSF), directly affecting the District and the 2.4 million people who depend on the CCSF system. The Bay Area Water Supply and Conservation Agency (BAWSCA) has commented extensively on the environmental document supporting the unimpaired flow proposal, as has the San Francisco Public Utilities Commission, emphasizing the negative impacts of water supply curtailment.

The ACWA Policy Statement, presented in Attachment A, emphasizes a collaborative, negotiated approach to solving the Bay-Delta's problems as an alternative to the massive litigation that will inevitably follow the SWRCB's imposition of unimpaired flow requirements.

Attachment B presents the proposed resolution supporting ACWA's position.



ACWA POLICY STATEMENT ON BAY-DELTA FLOW REQUIREMENTS

COLLABORATIVE APPROACH IS KEY TO CALIFORNIA'S FUTURE

California is facing a defining moment in water policy. A staff proposal under consideration by the State Water Resources Control Board presents a decision point about the future we want for California and its communities, farms, businesses and ecosystems. The State Water Board's staff proposal to base new water quality objectives on a "percentage of unimpaired flow" would have impacts that ripple far beyond water for fish.

The proposal could lead to widespread fallowing of agricultural land, undercut the state's groundwater sustainability goals, cripple implementation of the Brown Administration's California Water Action Plan, negatively affect water reliability for much of the state's population and impact access to surface water for some disadvantaged communities that do not have safe drinking water. These effects are not in the public's interest.

Local water managers overwhelmingly believe the proposal's singular focus on "unimpaired flow" is the wrong choice for the state's future. California's urban and agricultural water managers are united in their vision for a future that includes a healthy economy as well as healthy ecosystems and fish populations. That vision is best achieved through comprehensive, collaborative approaches that include "functional" flows as well as non-flow solutions that contribute real benefits to ecosystem recovery.

On behalf of its more than 430 member public agencies serving urban and agricultural customers throughout the state, the Association of California Water Agencies (ACWA) adopts the following policy statement regarding the State Water Board's proposed approach to updating the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta.

LOCAL SUCCESS STORIES

Collaborative efforts have been successful on many rivers in the Bay-Delta watershed.

Lower Yuba River: A voluntary, collaborative settlement among Yuba County Water Agency, California Department of Fish and Wildlife, National Marine Fisheries Service, PG&E and conservation groups resolved 20 years of controversy and resulted in a continuing program to improve 24 miles of salmon and steelhead habitat while protecting water rights and the needs of local communities. State Water Board members have specifically recognized the value of the agreement, which was formally implemented in 2008.

Lower American River: A broad representation of water suppliers, environmental groups, local governments and others negotiated an historic agreement that led to a flow management standard that was successfully incorporated into a 2009 biological opinion issued by the National Marine Fisheries Service.

Feather River: Six years of negotiations among water users, fisheries agencies and environmental groups yielded a comprehensive agreement that includes a habitat improvement program with specific flow and temperature requirements to accommodate spawning salmon and steelhead. The State Water Board adopted the agreement, with some modification, in 2010 as a water quality certification under the federal Clean Water Act.

CHOOSING OUR VISION FOR CALIFORNIA'S WATER FUTURE

Since 2009, state law has required water resources to be managed in a way that achieves the coequal goals of improving water supply reliability for California and protecting, restoring and enhancing the Delta ecosystem. ACWA and its public water agency members believe that policy requires a commitment from state agencies and stakeholders to advance both water supply and environmental goals together. ACWA and its members further believe that effective implementation of the coequal goals requires transparent, collaborative processes and comprehensive solutions.

In 2014, the Brown Administration released its California Water Action Plan outlining priority actions addressing water-use efficiency, groundwater sustainability, ecological restoration, Delta conveyance solutions, water storage, safe drinking water and more. Embedded in the plan is the Brown Administration's commitment that planned actions "will move California toward more sustainable water management *by providing a more reliable water supply for our farms and communities, restoring important wildlife habitat and species, and helping the state's water systems and environment become more resilient.*"

ACWA believes the policy of coequal goals and the commitment embedded in the California Water Action Plan have the potential to put California on a path that includes a vibrant agricultural and urban economy and a healthy ecosystem.

ACWA and its members believe the unimpaired flow approach proposed by State Water Board staff undercuts and threatens that potential and cannot lead us to the future we want for California. Simply put, any strategy that would result in vast amounts of agricultural land going out of production and ultimately reduce water supply reliability for the majority of Californians is irreconcilable with a policy of coequal goals and blatantly inconsistent with the water policy objectives of the Brown Administration.

ACWA strongly supports the collaborative approach called for by Governor Jerry Brown to move these important decisions out of adversarial processes and into negotiated, comprehensive agreements. The following principles can assure success in that endeavor.

A BETTER PATH TO THE FUTURE

The State Water Board is responsible for updating the Bay-Delta Plan in a manner that establishes water quality objectives that ensure the reasonable protection of all beneficial uses of water (including domestic, municipal, agricultural and industrial supply; power generation; recreation; aesthetic enjoyment; navigation; and preservation and enhancement of fish, wildlife, and other aquatic resources) while considering past, present and probable future beneficial uses, environmental characteristics, water quality conditions and economic considerations, among other things. (See California Water Code Section 13241.) It also has a responsibility to update the plan in a way that is consistent with the coequal goals and respects and implements the commitments made in the California Water Action Plan.

ACWA and its members urge the State Water Board to set aside the unimpaired flow approach and heed Governor Brown's call for negotiated agreements. ACWA believes that a successful flows policy must be consistent with the following principles:

- **Collaboration:** The governor has called for work on a comprehensive agreement on environmental flows in both the San Joaquin and Sacramento River basins. He has asked that State Water Board members and staff prioritize analysis and implementation of voluntary agreements. Further, the Brown Administration committed in the California Water Action Plan that the State Water Board and the California Natural Resources Agency will work with stakeholders to encourage negotiated implementation of protective Delta standards. ACWA strongly supports the collaborative approach called for by the governor because it is the least contentious, most effective way to achieve the coequal goals. Negotiated agreements have been demonstrably successful at achieving outcomes and widespread support for appropriate environmental flows; forced

regulations have not yielded the same track record. The State Water Board should wholly embrace this approach and allow enough time for it to work.

- **Comprehensive Solutions:** A successful collaborative approach will require comprehensive solutions for both water supply and ecosystem management. Water users will need to continue and build on their commitment to integrated resources management in order to maintain reliability without undue impacts on the ecosystem. Similarly, ecosystem managers will need to focus on the entire life cycle of affected species and multiple variables, such as predation, food, and habitat availability to develop integrated management portfolios that accomplish ecosystem goals without undue impacts on water supply. Utilizing the single variable proposed in the "percentage of unimpaired flow" approach will not achieve the desired ecological outcomes and is, by far, the most destructive policy approach from the perspective of protecting and improving water supply. ACWA firmly believes the ecological outcomes can be achieved with even better results through a comprehensive approach that considers multiple solutions and benefits.
- **Science:** The State Water Board needs to incorporate the best available science to inform its work and assist with the development of voluntary settlement agreements. The unimpaired flow approach, in which flow objectives are not tied to any specific ecological outcome, fails to incorporate the best available science. As noted above, the updated plan needs to focus on the entire life cycle of affected species and multiple variables, such as predation, food, and habitat availability, and incorporate relevant current scientific information. Science alone cannot identify the best policy choice, but it can inform us about the policy tradeoffs we confront and help structure integrated solutions that provide ecosystem benefits with far less impact on water supply, the California economy and the public interest.



FUNCTIONAL FLOWS: A BETTER APPROACH

Sacramento Valley: Sacramento Valley water users and conservation partners are working together to advance a new generation of innovative projects to promote salmon recovery.

Over the past two and a half years, 12 projects have been completed through the Sacramento Valley Salmon Recovery Program to address fish passage, improve the timing of flows and increase habitat for salmon and other species. Priority projects have included removal of structural barriers to fish passage, modifying riffles, eliminating predator habitat, restoring floodplains and creating side channel spawning and rearing areas.

In addition, program partners are exploring creative ways to reconnect water with the land in floodplains and agricultural areas to enhance habitat and food production and create rearing habitat in rice fields.

While each of these collaborative projects provides independent value, implementation of the entire comprehensive suite is generating unique benefits that can significantly improve ecological outcomes for salmon in the Sacramento Valley.

Merced River: Merced Irrigation District has spent millions of dollars and decades undertaking intense and in-depth scientific research on the Merced River. This research has included analysis of flows, temperatures, biological resources and habitat. MID is poised to put this research into action through its Merced S.A.F.E. Plan (Salmon, Agriculture, Flows, and Environment) to provide certainty for both the environment and local water supply in Eastern Merced County.

The plan would provide increased flows using science to dictate the amounts and timing, restore critical sections of habitat for spawning and rearing juvenile salmon, protect local drinking water quality, upgrade an existing salmon hatchery with state-of-the-art facilities and reduce predation.

Based on in-depth science and technologically advanced computer modeling, MID seeks to take immediate action and dramatically benefit salmon on the Merced River.

- **Functional Flows:** Science shows that functional flows have very promising benefits for fish as well agricultural and urban water users. Timed and tailored for specific purposes, functional flows can benefit species in ways that unimpaired flow requirements cannot. Examples abound of collaborative, innovative projects currently underway by local water agencies and stakeholders that include functional flows and non-flow solutions that reconnect land and water to restore habitat and address the full life cycle of species needs. These efforts contribute real benefits to ecosystem recovery while maintaining water supply reliability.
- **Economic Considerations:** The State Water Board has a statutory obligation to consider economic impacts when establishing water quality objectives that reasonably protect all beneficial uses of water. Having a robust economic analysis is critical. The board also has a policy obligation under the coequal goals to ensure its actions related to a revised Bay-Delta Plan increase water supply reliability and thereby allow for a healthy, growing agricultural and urban economy in California.
- **Consistency with State Policy:** ACWA urges the State Water Board to heed the governor's direction and recognize that achieving the coequal goals will lead to a more reliable water supply and healthy ecosystem. Pursuing the coequal goals should be a guiding principle for the board's decisions related to adopting a revised Bay-Delta Plan. The State Water Board also should ensure that its decisions on the Bay-Delta Plan enable, rather than obstruct, the implementation of the California Water Action Plan.
- **Leadership:** The best policy choice will come through the give and take of the negotiating process and the enlightened leadership of the State Water Board members. Ultimately, the board must establish water quality objectives that ensure the reasonable protection of all beneficial uses of water as it implements negotiated solutions. The State Water Board should actively engage in this work and lead in a manner that is grounded in an awareness of how its actions can affect the implementation of the California Water Action Plan and the achievement of the coequal goals.

ACWA and its members have taken a strong policy position in support of comprehensive solutions such as those outlined in the California Water Action Plan. We stand ready to work with the Brown Administration to pursue the collaborative and comprehensive approaches needed to ensure a future for California that includes a vibrant agricultural and urban economy and a healthy ecosystem.

RESOLUTION 2017-02
A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE COASTSIDE COUNTY WATER DISTRICT
IN SUPPORT OF THE ASSOCIATION OF CALIFORNIA WATER AGENCIES'
POLICY STATEMENT ON BAY-DELTA FLOW REQUIREMENTS

WHEREAS, California is facing a defining moment in water policy that will be substantially impacted by the State Water Resources Control Board's approach to water quality objectives under the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta; and

WHEREAS, the State Water Board has the responsibility for updating the Bay-Delta Plan in a manner that establishes water quality objectives that ensure the reasonable protection of all beneficial uses of water in a way that is consistent with the coequal goals of improving water supply reliability and protecting, restoring and enhancing the Delta ecosystem and with respect to the commitments made in the California Water Action Plan; and

WHEREAS, the State Water Board staff's current proposal, which focuses singularly on an "unimpaired flow" approach, is irreconcilable with a policy of coequal goals of improving both water supply reliability and ecosystem health; it is also inconsistent with the broader water policy objectives of the Brown Administration; and

WHEREAS, the ACWA Board of Directors has unanimously adopted a strong policy statement calls for a better approach that can more effectively achieve ecological objectives while maintaining water supply reliability. The statement calls on the State Water Board to set aside its "unimpaired flow" approach and heed Gov. Jerry Brown's call for negotiated agreements, which have been successful on many rivers and tributaries in California.

WHEREAS, the ACWA statement notes that to be successful, the state's flow policy must be consistent with the principles of collaboration, comprehensive solutions, science, functional flows, economic considerations, consistency with state policy, and leadership; and

WHEREAS, California's local urban and agricultural water managers are united in their vision for a future that includes a vibrant California economy as well as healthy ecosystems and fish populations, and believe that vision is best achieved through a comprehensive, collaborative approaches;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Coastside County Water District hereby supports ACWA's Policy Statement on Bay-Delta Flows and encourages the State Water Resources Control Board to embrace the approach articulated in ACWA's policy statement.

AYES:

NOES:

ABSENT:

ABSTAIN:

Glenn Reynolds, President
Board of Directors

David R. Dickson, General Manager
Secretary of the District

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: June 13, 2017

Report Date: June 6, 2017

Subject: California Special Districts Association (CSDA) - 2017 Board Election - Bay Area Network, Seat C and Seat A

Recommendation:

Designate Coastside County Water District's vote for a candidate to serve as one of the representatives to the California Special Districts Association (CSDA) Board of Directors in the Bay Area Network, for Seat C (term ends 2020) and Seat A (term ends 2018).

Background:

As a member of the California Special Districts Association, the Coastside County Water District's Board of Directors has the opportunity to participate in the Board Elections process by casting a vote for one of the candidates seeking to represent the Bay Area Network.

Attached is the CSDA mail ballot information, including candidate statements from Stanley R. Caldwell (incumbent running for re-election), John Carapiet, and Robert Silano.

Fiscal Impact:

None



**California Special
Districts Association**
Districts Stronger Together

RECEIVED

JUN 05 2017

COASTSIDE COUNTY
WATER DISTRICT

CALIFORNIA SPECIAL DISTRICTS ASSOCIATION

2017 BOARD ELECTIONS

MAIL BALLOT INFORMATION

Dear Member:

A mail ballot has been enclosed for your district's use in voting to elect a representative to the CSDA Board of Directors in your Network for Seat C (2018-20 term) and Seat A (term ends December 31, 2018).

Each of CSDA's six (6) networks has three seats on the Board. Each of the candidates is either a board member or management-level employee of a member district located in your network. Each Regular Member (district) in good standing shall be entitled to vote for one (1) director to represent its network.

We have enclosed the candidate information for each candidate who submitted one. Please vote for **only two** candidates to represent your network and be sure to sign, date and fill in your member district information. If any part of the ballot is not complete, the ballot will not be valid and will not be counted.

Per CSDA Bylaws, the candidate with the highest number of votes will assume the full term, Seat C. The candidate with the second highest number of votes will assume Seat A to fulfill the remainder of that term.

Please utilize the enclosed return envelope to return the completed ballot. Ballots must be received at the CSDA office at 1112 I Street, Suite 200, Sacramento, CA 95814 by **5:00pm on Friday, August 4, 2017.**

If you do not use the enclosed envelope, please mail in your ballot to:

**California Special Districts Association
Attn: 2016 Board Elections
1112 I Street, Suite 200
Sacramento, CA 95814**

Please contact Beth Hummel toll-free at 877.924.CSDA or bethh@csda.net with any questions.



California Special
Districts Association
Districts Stronger Together

2017 CSDA BOARD CANDIDATE INFORMATION SHEET

The following information **MUST** accompany your nomination form and Resolution/minute order:

Name: STANLEY R. CALDWELL

District/Company: MT. VIEW SANITARY DISTRICT

Title: DIRECTOR

Elected/Appointed/Staff: ELECTED

Length of Service with District: 23 YEARS

1. Do you have current involvement with CSDA (such as committees, events, workshops, conferences, Governance Academy, etc.):

CURRENT CSDA DIRECTOR FOR BAY AREA NETWORK, SERVE ON PROFESSIONAL DEVELOPMENT AND MEMBER SERVICES COMMITTEE, SERVE AS BOARD MEMBER FOR SDLF

2. Have you ever been associated with any other state-wide associations (CSAC, ACWA, League, etc.):

CASA

3. List local government involvement (such as LAFCo, Association of Governments, etc.):

CURRENT SPECIAL DISTRICT ALTERNATE TO LAFCO COMMISSION

4. List civic organization involvement:

CURRENT VICE PRESIDENT OF THE CONTRA COSTA SPECIAL DISTRICTS ASSOCIATION (CCSDA), CURRENT NEWSLETTER EDITOR FOR CCSDA

****Candidate Statement** – Although it is not required, each candidate is requested to submit a candidate statement of no more than 300 words in length. **Any statements received in the CSDA office after May 31, 2017 will not be included with the ballot.**



California Special Districts Association
Districts Stronger Together

2017 CSDA BOARD CANDIDATE INFORMATION SHEET

The following information MUST accompany your nomination form and Resolution/minute order:

Name: JOHN CARPIET

District/Company: SANITARY DISTRICT NO. 5 OF MARIN COUNTY

Title: BOARD OF DIRECTORS, VICE PRESIDENT

Elected/Appointed/Staff: _____

Length of Service with District: 3⁺ yrs.

1. Do you have current involvement with CSDA (such as committees, events, workshops, conferences, Governance Academy, etc.):

No

2. Have you ever been associated with any other state-wide associations (CSAC, ACWA, League, etc.):

No

3. List local government involvement (such as LAFCo, Association of Governments, etc.):

PRESIDENT OF BELVEDERE LAGOON PROPERTY OWNERS' ASSOCIATION

4. List civic organization involvement:

COUNTY OF MARIN CIVIL GRAND JURY, 2009-2010

****Candidate Statement** – Although it is not required, each candidate is requested to submit a candidate statement of no more than 300 words in length. **Any statements received in the CSDA office after May 31, 2017 will not be included with the ballot.**



California Special
Districts Association
Districts Stronger Together

2017 CSDA BOARD CANDIDATE INFORMATION SHEET

The following information **MUST** accompany your nomination form and Resolution/minute order:

Name: Robert Silano
 District/Company: MENLO PARK FIRE PROTECTION DISTRICT
 Title: DIRECTOR
 Elected/Appointed/Staff: ELECTED
 Length of Service with District: 6 years

1. Do you have current involvement with CSDA (such as committees, events, workshops, conferences, Governance Academy, etc.):
ATTENDED MANY WORKSHOPS WITHIN THE PAST 6 YEARS

2. Have you ever been associated with any other state-wide associations (CSAC, ACWA, League, etc.):
NO

3. List local government involvement (such as LAFCo, Association of Governments, etc.):
LAFCO - COMMUNICATION REPRESENTATIVE
CSDA - LEG COMMITTEES, HR and LEGAL

4. List civic organization involvement:
ASIS, Bay Area Emergency Managers, FBI NATIONAL ACADEMY ASSOCIATES

****Candidate Statement** – Although it is not required, each candidate is requested to submit a candidate statement of no more than 300 words in length. Any statements received in the CSDA office after May 31, 2017 will not be included with the ballot.

CSDA BOARD OF DIRECTORS 2017 ELECTION



**BAY AREA
NETWORK**

SEAT C

term ends 2020

SEAT A

term ends 2018

Please vote for only two.

Stanley R. Caldwell*
Mt. View Sanitary District

John Carapiet
Sanitary District #5 of Marin County

Robert Silano
Menlo Park Fire Protection District

All fields must be completed for ballot to be counted.

**incumbent running for re-election*

SIGNATURE:

DATE:

MEMBER DISTRICT:

Must be received by **5pm, August 4, 2017**. CSDA, 1112 I Street, Suite 200, Sacramento, CA 95814

STAFF REPORT

To: Coastside County Water District Board of Directors

From: Mary Rogren, Assistant General Manager

Agenda: June 13, 2017

Report

Date: June 9, 2017

Subject: Assistant General Manager's Report

Recommendation:

No Board action required.

Recruitment - Superintendent of Operations

Joe Guistino, Superintendent of Operations, has announced his intention to retire on September 30, 2017.

The District has engaged Koff and Associates to immediately initiate recruitment efforts on behalf of the District for a new Superintendent of Operations. We are hopeful that we can hire Joe's replacement prior to his departure.

MONTHLY REPORT

To: David Dickson, General Manager
From: Joe Guistino, Superintendent of Operations
Agenda: June 13, 2017

Report

Date: June 7, 2017

Monthly Highlights

Denniston Deliveries – We are now able to run Denniston Water Treatment Plant (WTP) consistently up to 560 gallons per minute (gpm) using the temporary booster pump.

Denniston Pump Station and Bridgeport Transmission Main Project – The new pump station should be completed and available for service by early July.

Source of Supply

Denniston, Pilarcitos and Crystal Springs Reservoirs were the source of supply in May, supplying approximately 57 million gallons (MG) of water. Denniston WTP ran every day and supplied 43% of water in May.

System Improvements

Meter Locks

Our standard district Best Locks are often used to lock out meters. These locks run about \$50 each and often get ruined and sometimes cut off when used for this purpose. We are now using a specialized meter lock (under \$10) specifically designed for meters.

Denniston Deliveries

With the new Bridgeport transmission line in place we can now run the Denniston booster pump at 560 gpm with no problems. The crews adjusted the pressure reducing valves (PRV)s to keep the pressure in Clipper Ridge to 100 psi, down from 150psi. There are still fluctuations in pressure over the course of the day but we hope to have that resolved when we do a comprehensive analysis of the operation of the 11 PRVs in El Granada.

Denniston Access Road

Crews laid rock on Denniston access road now that the rainy season is over.

Well Retrofits

Crews plumbed the wells to allow for easier bleach application to keep them maintained.

Other Activities Update:

Meter Replacement Program

There were 65 meters replaced with Badger e-meters in May for the automated metering infrastructure (AMI) program. One hundred twenty-two meters were fitted with AMI radios.

Pilarcitos Canyon Storm Repair Mitigation

On 8 May we received a letter from the San Francisco Bay Regional Water Quality Control Board (RWQCB) that basically stated that they want us to remove the rip rap used for the emergency Pilarcitos Creek streambank control last February with *“the removal of all RSP that was installed as part of the Project, a description of how the RSP will be removed, a proposal for compensatory mitigation sufficient to fully mitigate for the Project’s permanent and temporary impacts, and a permanent bank stabilization design that incorporates riparian plantings and wildlife habitat features while still protecting the property from further damage”*. We’re working with the Resource Conservation District to develop a mitigation plan that meets RWQCB requirements without requiring removal of the already-installed riprap.

Cathodic Protection

We solicited three bids for the cathodic protection system for EG Tank 3. Corpro was the cheapest responsible bidder and will be installing the system in the tank later this summer. They will also be doing the annual inspection of the cathodic protection systems at our other tanks.

Crystal Springs Pumps and Motors

The new 350 horsepower (HP) motor for unit 1 was installed on 8 May. Since it is a new design, the electrical conduit had to be reconfigured for it to be properly hooked up. CalCon made the required modifications and the unit is back in service and working well.

Contractor Caused Main Failure

On 16 May, a local contractor drilled through our treated water pipeline on Cozzolino’s Ranch while doing soil borings for geotech analysis. The contractor claims that the owner of the property assured him that there were no underground utilities at the site and he therefore did not call Underground Service Alert (USA). The main was repaired within hours and the contractor will be charged for all expenses.

Miramar Tank Chime

We have recently noticed that the bottom chime on the Miramar Tank is excessively corroded, especially since this tank was just rehabilitated in 2008. The coating inspector that we have retained for the EG Tank 3 rehabilitation inspected the chime in May and determined that the corrosion is mainly due to lack of proper surface preparation by the contractor (Crosno) and is mainly caused by chloride, which needs to be washed off in addition to sandblasting. I have contacted Redwood Painting to give us an estimate for repairs.

Shut Off

With the permission of the Coastside Fire Protection District (CFPD), we have shut off the fire sprinkler water supply for the customer at 310 Valencia Street for refusing to have his backflow device tested annually per District Ordinance. The domestic supply is from a water well on the property. The CFPD also suspended all permits for this building project, which has been ongoing for over 12 years. The home has yet to be completed.

El Granada Tank 1 Retaining Wall

The torrential rains of February 2017 resulted in failure of the cement sack retaining wall at EG Tank 1. The failure of the wall allowed the hillside to slump against the tank. We covered the slump with plastic sheeting to prevent further erosion and sediment pollution until we can make repairs. We have solicited for an engineered design and are presently awaiting an estimate.

Nunes Filter Cleaning

Treatment Staff did their annual physical cleaning of the filters at Nunes WTP.

Raw Water Line Shutdown

We had to shut down Nunes WTP and partially drain the raw water line on 30 May to facilitate replacement of a fire hydrant and isolation valve as it crosses through Santa's Christmas Tree Farm. Nunes was down for a total of 3 hours.

Regulatory Agency Interaction

California Water Resources Control Board (CWRCB)

See LT2ESWTR entry above.

Treatment Staff confirmed that our next round of Lead and Copper testing will take place in 2018 since we got a late start on the last go-around.

California Fish and Wildlife (F&W)

We received our official letter on 2 May from California Department of Fish and Wildlife confirming our permission to dredge Denniston Reservoir this fall.

Safety/Training/Inspections/Personnel/Meetings

Meetings Attended

9 May - RSH/Paso Robles Tank status meeting for EG3.

10 May - Bay Area Water Supply and Conservation Agency (BAWSCA) water quality meeting at Redwood Shores library

10 May - Denniston Pump Station Project status meeting

17 May - Met with backflow tester to discuss needs at Francis State Beach

23 May - Preventive Maintenance (PM) program demonstration on internet.

26 May - Met with contractor and developer for buildings being constructed at Church and Kelly. Established proper configurations for fire and domestic taps.

Tailgate safety sessions in May

2 May - Lightning: The Underrated Killer

8 May - Take a Load Off: Tips for Safe Lifting

15 May - Climb on to Ladder Safety

22 May - Avoid Harm from Laboratory Hazards

30 May - Know What's Below: Call 811 Before You Dig!

Safety Committee and Training

Safety Training in May was on Lockout/Tagout. Jahns, Menezes, Usher, Bruce, Whelen, Duffy and Winch were in attendance.

Wonderware and Supervisory Control And Data Acquisition (SCADA) Software Workshop

Treatment Supervisor Sean Donovan and Senior Operator Todd Schmidt attended a Wonderware SCADA workshop on 10 May.

New Treatment/Distribution Operator

Our newest Treatment/Distribution Operator, Travis Menezes, started on 2 May. He will be assigned to the treatment plants but will also serve the distribution system when on-call and when needed. Mr. Menezes comes to us with Treatment Operator 2/Distribution Operator 3 certifications.

Projects

El Granada Tank 3 Rehabilitation and Coating Project

The welders finished up their work and the coaters started to sandblast the outer shell once the tank was properly wrapped. They are presently doing some touch up welding on the inside and outside and will have to go over a few spots with fresh coating. The outside tank is primed. All coating should be completed in two weeks, after which the scaffolding will be taken down. The project should be complete by mid-July.

Denniston Pump Station and Bridgeport Transmission Main Project

The Bridgeport/Coral Reef Transmission Main is in service and the PRVs turned on and adjusted. See earlier entry. The streets have been slurry sealed at this time. The electrical panels are scheduled to arrive this week. DRYCO will be pouring their last grout pour on Wednesday, and then their roofing crew will mobilize to install the roof beams and metal decking. Pump repair will be remobilizing this week to work on the discharge manifold piping. Charles Electric will be mobilizing as well to start working on the new conduit runs between the pump stations.

Rudy Everett with Calcon has been notified of the panel arrival and that the electricians work is starting. He is shooting to come on-site Thursday or Friday to look at the panels and coordinate with the electrician as needed.

Automatic Meter Infrastructure

By raising the antenna at Nunes WTP by 10' we are able to collect data clear to the end of our service area up San Mateo Road. The crews retrofitted the Aclara meter transmission units (MTU)s on 1" fire service heads. They are also replacing the Badger Beacon Automated Metering Infrastructure (AMI)s with the Aclara MTUs.

Downtown 2" Main Replacement Project

Staff has reviewed and commented on the plans and have started the Coastal Development Exemption (CDX) process with the City of HMB.

Nunes Filter Valve Project

Calcon has completed the conduit aspect of this project, with 4 master stations at each filter and the remaining surface wash valves have been ordered.

STAFF REPORT

To: Board of Directors
From: Cathleen Brennan, Water Resources Analyst
Agenda: June 13, 2017
Report Date: June 7, 2017
Subject: Water Resources

Informational Report: Pilarcitos Creek Integrated Watershed Management Plan (IWMP) Update

Background

Coastside County Water District (District) participated in the development of the IWMP for the Pilarcitos Creek watershed. The final IWMP was published in October of 2008 and is available to view on the San Mateo County Resource Conservation District's website. Data from the United States Geological Survey's (USGS) gauge on lower Pilarcitos Creek was critical to identifying the goals and objectives of the IWMP. In Water Year 2010, the gauge was no longer fully funded. To support the continued operation of the gauge, the District along with the San Francisco Public Utilities Commission (SFPUC), Sewer Authority Mid-Coastside (SAM) and USGS, agreed to share the costs of the gauge from Water Year 2010 through 2013.

Data from the gauge is available to the public online.

https://waterdata.usgs.gov/ca/nwis/uv/?site_no=11162630&agency_cd=USGS&

Pilarcitos Creek at Half Moon Bay Gauging Station, USGS No. 11162630

Report

The District is being asked again to help subsidize the continued operation of the gauge for Water Years 2017 through 2019. The other agencies that are participating in the funding are SFPUC, SAM, USGS and the County of San Mateo. The San Mateo County Resource Conservation District assisted in communications with USGS. The previous and proposed contributions from each agency are shown in the table below.

Funding for Lower Pilarcitos Creek Gauge at Half Moon Bay						
Term	Coastside CWD	SFPUC	SAM	USGS	County of San Mateo	Totals
WY 2010-2013	\$17,675.00	\$17,675.00	\$7,000.00	\$28,250.00	\$0	\$70,600.00
WY 2017-2019	\$11,588.00	\$11,588.00	\$11,588.00	\$23,048.50	\$1,687.50 (WY2017 only)	\$59,500.00

The District has agreed to share the costs as shown above and will issue one payment to the San Mateo Resource Conservation District, upon receiving an invoice. This is expected to occur in July of 2017.

Below is a photo of the location of the gauge and two charts available from the gauging station website.

