

COASTSIDE COUNTY WATER DISTRICT

766 MAIN STREET

HALF MOON BAY, CA 94019

MEETING OF THE BOARD OF DIRECTORS

Tuesday, June 11, 2013 - 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 2013-2014 BUDGET, FISCAL YEAR 2013/2014 TO 2022/23 CAPITAL IMPROVEMENT PROGRAM, RESOLUTION AMENDING THE RATE AND FEE SCHEDULE ([attachment](#))

A. Staff Presentation

- a. Fiscal Year 2013-2014 Operation and Maintenance Budget
- b. Fiscal Year 2013/14 to 2022/23 Capital Improvement Program
- c. Proposed Amendment to Rate and Fee Schedule

B. Public Hearing to consider proposed Amendment of Rate and Fee Schedule to increase water rates up to 9% and consideration of Resolution 2013-04 - A Resolution of the Board of Directors of the Coastside County Water District Amending the Rate and Fee Schedule to Increase Water Rates

C. Board Comments / Board Action

- Adoption of Resolution 2013-04 - A Resolution of the Board of Directors of the Coastside County Water District Amending the Rate and Fee Schedule to Increase Water Rates
- Approval of Fiscal Year 2013-2014 Operation and Maintenance Budget and Capital Improvement Program for Fiscal Year 2013/2014 to 2022/2023

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, 2013: Claims: \$514,065.03; Payroll: \$70,822.37; for a total of \$584,887.40 ([attachment](#))
- B.** Acceptance of Financial Reports ([attachment](#))
- C.** Approval of Minutes of May 14, 2013 Regular Board of Directors Meeting ([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, 2013 ([attachment](#))
- H.** May 2013 Leak Report ([attachment](#))
- I.** Rainfall Reports ([attachment](#))
- J.** San Francisco Public Utilities Commission Hydrological Conditions Report for May 2013 ([attachment](#))

6) MEETINGS ATTENDED / DIRECTOR COMMENTS

7) GENERAL BUSINESS

- A. Kennedy/Jenks Proposal for Hydraulic Model Update and Analysis ([attachment](#))
- B. Agreement with California Conservation Corps for Work Related to Denniston Annual Maintenance Dredging ([attachment](#))
- C. Award of Contract for El Granada Tank 2 Rehabilitation Project ([attachment](#))
- D. Appointment of Director of the Boards of the Bay Area Water Supply & Conservation Agency (BAWSCA) and Bay Area Regional Water System Financing Authority (RFA) ([attachment](#))
- E. Resolution 2013-05 Calling for and Giving Notice of Regular District Election ([attachment](#))

8) GENERAL MANAGER'S REPORT - INCLUDING MONTHLY INFORMATIONAL REPORTS ([attachment](#))

- CCWD-MWSD Mutual Interest Committee Meeting
 - A. Operations Report ([attachment](#))
 - B. Water Resources Report ([attachment](#))

9) DIRECTOR AGENDA ITEMS - REQUESTS FOR FUTURE BOARD MEETINGS

10) ADJOURNMENT

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: June 11, 2013

Report Date: June 6, 2013

Subject: Public Hearing to Consider Proposed Amendment of Rate and Fee Schedule to Increase Water Rates up to 9%, Consideration of Resolution 2013-04 Amending the Rate and Fee Schedule, Approval of Fiscal Year 2013-2014 Budget and Fiscal Year 2013/2014 to 2022/2023 Capital Improvement Program

Recommendation:

- 1) Conduct a public hearing on a water rate increase of up to 9% on commodity charges and base charges.
- 2) Take actions as follows:
 - a. Adopt Resolution 2013-04 Amending the Rate and Fee Schedule (Exhibit A)
 - b. Approve the Fiscal Year 2013-2014 Operations and Maintenance Budget (Exhibit C) and Fiscal Year 2013/14 to 2022/23 Capital Improvement Program (Exhibit D).

Background:

Tentative Rate Increase

Staff has updated the District Financing Plan model and believes that, based on current projections, the series of rate increases shown below (2013-14 Plan) will meet the District's revenue requirements. The proposed 9% rate increase for FY 13-14 is lower than the 12% projected in the 2012-13 Plan, primarily due to adjustment in CIP project schedules and to an increase in water sales in FY 12-13. The overall rate increase for the 2013-14 Plan is higher, however, due to an increase in pipeline replacement costs in the CIP, particularly in the later years of the ten-year planning period.

<u>Fiscal Year</u>	<u>2012-13 Plan</u>	<u>2013-14 Plan</u>
2011-12	12% (adopted)	
2012-13	12% (adopted)	
2013-14	12%	9%
2014-15	9%	8%
2015-16	3%	7%
2016-17	3%	6%
2017-18	3%	5%

Attachment B presents the ten-year Cash Flow sheet and additional key sheets from the Financing Plan. Attachment C presents the Operation and Maintenance Budget, and

Attachment D presents the detailed CIP. Note that the Operating Expenses sheet of the Financing Plan includes an "Adjustment Scenario" based on adding two positions to District staff, making the FY 13-14 operating expenses shown in the Cash Flow sheet higher than the total shown in the Operation and Maintenance Budget (Attachment C). These positions have not been approved.

Budget Changes vs. FY 13 Budget

- Non-operating revenue increased, primarily due to a \$100,000 increase in ERAF.
- Total operating expense increase of about 2.5%.
- \$222,000 increase in SFPUC water purchase cost (including new BAWSCA debt payment surcharge).
- \$64,000 decrease in Crystal Springs electrical expense due to higher use of Pilarcitos source and Denniston.
- Field salary cost decrease of 4% due to personnel changes, adjustment of overtime assumptions.
- Administrative salary cost increase of 2.5% due to cost of living adjustment.
- Contribution to CIP and reserves (net revenue) of \$1,820,000, an increase of \$970,000 over FY13.

CIP

- \$25,932,500 total CIP (FY14 dollars)
- Net increase of \$3.4 million vs. FY2012/13-2021/22 CIP.

District Financing Plan

Staff will make a presentation focusing on the Fiscal Year 2013/14 to 2022/23 District Financing Plan to indicate the basis for the proposed 9% rate increase.

Proposition 218 Compliance

The District has complied with the public notice requirements of Proposition 218. Two ads were placed in the April 24 and May 1, 2013 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, 2013.

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 3,300 District customers. As of the date of this report, staff has received 20 letters regarding the proposed rate increase. Copies of these letters are attached as Exhibit E.

RESOLUTION NO. 2013-04**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE COASTSIDE COUNTY WATER DISTRICT
AMENDING THE RATE AND FEE SCHEDULE
TO INCREASE WATER RATES**

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 2013-2014, determined that financing the District's operating expenses, debt service, and capital improvement program 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, Bartle Wells Associates, prepared an August 2009 Water Financing Plan and a June 2011 Water Financing Plan Update (collectively, "Financing Plan") that analyzed the District's revenue requirements, provided a recommendation for increasing the water rates, and established a rationale for the increased charges. The Financing Plan is incorporated into this Resolution by this reference.

3. The anticipated increases in expenses are attributable to a number of factors including but not limited to, increased cost of water supplied by the San Francisco Public Utilities Commission, increased costs associated with compliance with regulatory requirements, payment of capital project costs, debt service for financing of necessary capital improvements and replacement of aging facilities, and higher costs for personnel, materials and services.

4. On April 9, 2013, the Board of Directors at a regular meeting evaluated the proposed modifications to the District's Rate and Fee Schedule and set a public hearing for June 11, 2013 to consider the modifications to the District's Rate and Fee Schedule.

5. 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.

6. The Board considered its options for responding to this situation 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 24, 2013 and May 1, 2013 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.

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

8. The Board further finds that 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.

9. 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.

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

1. Section 1.A., Base Charge, of the Rate and Fee Schedule, is amended to read as follows:

"A. BASE CHARGE

The following base charge is the minimum charge to be paid by all customers on a bi-monthly basis:

Meter Size	Bi-Monthly Base Charge
5/8 inch	\$ 37.51
5/8 inch for 2 dwelling units	\$ 75.02
3/4 inch	\$ 56.37
3/4 inch for 2 dwelling units	\$ 112.74
1.0 inch	\$ 93.97
1.5 inch	\$ 181.46
2.0 inch	\$ 300.73
3.0 inch	\$ 657.89
4.0 inch	\$2,255.91

2. 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 bi-monthly base charge set forth in Section 1.A, the following quantity charges shall be paid per one hundred cubic (hcf) of water delivered:

1. Residential Customers

Use Tiers	Bi-Monthly Water Consumption Charge
1 - 8 Units	\$6.13
9 - 25 Units	\$6.75
26 - 40 Units	\$8.77
41 or more Units	\$10.85

2. Other - Water Rate Schedule \$8.34 per unit

3. Fire Detector Check Valve \$8.21 per inch

Residential Customers, for purposes of this Section 1.B, 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.B."

4. 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 bi-monthly rental charge of \$87.49.
3. In addition, customers using portable meters shall pay quantity charges pursuant to Section 1.B.2. (All Other Customers)."

5. This Resolution shall be effective for meter readings after July 1, 2013, and any billing for the current billing cycle as of the effective date shall be pro-rated.

6. The General Manager shall arrange for the Rate and Fee Schedule to be re-codified to incorporate the changes effected by this Resolution.

7. 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 11th day of June, 2013, by the following vote of the Board:

AYES:

NOES:

ABSENT:

Kenneth L. Coverdell, 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, Bartle Wells, prepared a Water Financing Plan and Water Financing Plan update (collectively, rate study) 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 Bartle Wells rate study is 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

David R. Dickson

Area Code Telephone

(650) 726-4405

Date: June 11, 2013

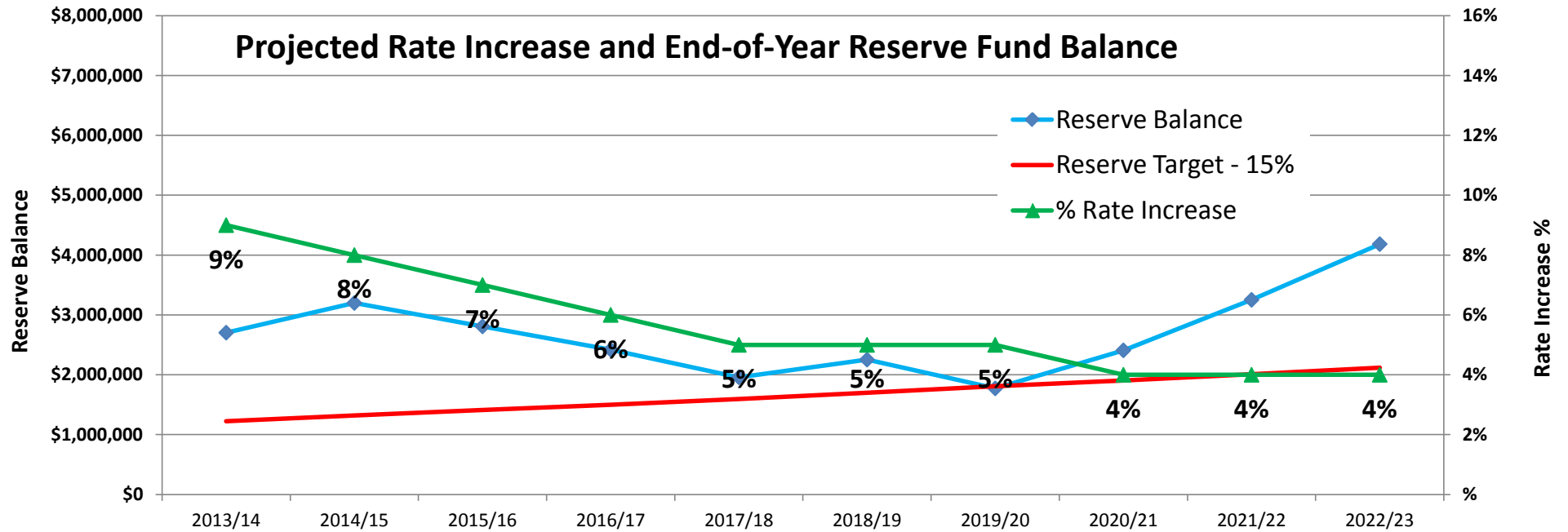
 David R. Dickson, General Manager

EXHIBIT B

Coastside County Water District - Financing Plan
Ten-Year Cash Flow Projections

	Cash Flow Projection											
	Projected 2012/13	Budget 2013/14	Estimated									
			2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	
Beginning Fund Balance												
Operating & Capital Fund Balance	\$2,079,301	\$2,845,635	\$2,703,586	\$3,199,585	\$2,808,663	\$2,419,285	\$1,958,458	\$2,253,218	\$1,772,879	\$2,408,278	\$3,252,165	
Rate Stabilization Fund Balance	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
Rate Adjustment at Beginning of FY		9.0%	8.0%	7.0%	6.0%	5.0%	5.0%	5.0%	5.0%	4.0%	4.0%	4.0%
SOURCES OF FUNDS												
REVENUES												
Water Sales	7,480,564	8,153,800	8,806,100	9,422,500	9,987,900	10,637,100	11,326,300	12,057,800	12,711,900	13,399,000	14,120,800	
Property Taxes	617,651	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000
ERAF Refund	311,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Service Connections	9,799	8,000	8,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Interest	3,372	3,045	7,423	7,720	8,030	8,350	8,680	9,030	9,390	9,770	10,160	
Other Revenues	<u>158,363</u>	<u>353,453</u>	<u>225,892</u>	<u>235,000</u>	<u>244,000</u>	<u>254,000</u>	<u>264,000</u>	<u>275,000</u>	<u>286,000</u>	<u>297,000</u>	<u>309,000</u>	
Subtotal Revenues	8,580,749	9,218,298	9,747,415	10,390,220	10,964,930	11,624,450	12,323,980	13,066,830	13,732,290	14,430,770	15,164,960	
LONG-TERM BORROWING												
I-Bank Loan	2,700,000											
New Loan 2		2,000,000	0	0	0	0	0	0	0	0	0	0
New Loan 3			2,500,000	0	0	0	0	0	0	0	0	0
TOTAL SOURCES	11,280,749	11,218,298	12,247,415	10,390,220	10,964,930	11,624,450	12,323,980	13,066,830	13,732,290	14,430,770	15,164,960	
USES OF FUNDS												
Operating Expenses												
Subtotal Operating Expenses	5,853,877	6,618,455	7,156,527	7,350,648	7,351,755	7,918,359	8,500,654	8,987,338	9,210,060	9,629,677	10,115,549	
Non-Operating (Capital-Related) Expenses												
Existing Water Revenue Bonds	747,138	750,749	485,889	482,494	483,553	483,919	483,566	481,831	478,831	480,206	481,384	
I-Bank Loan + New Loans	0	353,143	353,000	462,000	597,000	597,000	596,000	595,000	595,000	594,000	594,000	
Capital Projects (Escalated)	4,163,400	3,638,000	3,756,000	2,486,000	2,922,000	3,086,000	2,449,000	3,483,000	2,813,000	2,883,000	3,043,000	
Contribution to Rate Stabilization Fund (Transfer)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
Subtotal Non-Operating Expenses	4,910,538	4,741,892	4,594,889	3,430,494	4,002,553	4,166,919	3,528,566	4,559,831	3,886,831	3,957,206	4,118,384	
TOTAL USES	10,764,415	11,360,347	11,751,416	10,781,142	11,354,308	12,085,278	12,029,220	13,547,169	13,096,891	13,586,883	14,233,933	
Surplus (Deficiency)	516,334	(142,049)	495,999	(390,922)	(389,378)	(460,828)	294,760	(480,339)	635,399	843,887	931,027	
Ending Fund Balance												
Operating & Capital Fund Balance	2,595,635	2,703,586	3,199,585	2,808,663	2,419,285	1,958,458	2,253,218	1,772,879	2,408,278	3,252,165	4,183,192	
Rate Stabilization Fund Balance	250,000	<u>250,000</u>	<u>250,000</u>	<u>250,000</u>	<u>250,000</u>	<u>250,000</u>	<u>250,000</u>	<u>250,000</u>	<u>250,000</u>	<u>250,000</u>	<u>250,000</u>	
Total Fund Balance	2,845,635	2,953,586	3,449,585	3,058,663	2,669,285	2,208,458	2,503,218	2,022,879	2,658,278	3,502,165	4,433,192	
Debt Service Coverage Target = 1.2	3.65	2.36	3.09	3.22	3.34	3.43	3.54	3.78	4.19	4.46	4.71	
Target Met	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	
Minimum Capital and Operating Reserve Target - 15%	1,122,085	1,223,070	1,320,915	1,413,375	1,498,185	1,595,565	1,698,945	1,808,670	1,906,785	2,009,850	2,118,120	
Target Met	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	yes	

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
% Rate Increase	9%	8%	7%	6%	5%	5%	5%	4%	4%	4%
Cumulative Increase	1.09	1.18	1.26	1.34	1.40	1.47	1.55	1.61	1.67	1.74
New Borrowing 1	2000000									
New Borrowing 2		2500000								



**Coastside County Water District - Financing Plan
Water Production and Purchase Costs**

	Projected Future Water Production and Purchases										
	Projected 2012/13	Budget 2013/14	Estimated								
			2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Total CCWD Water Demand	700	700	700	700	700	710	720	730	740	750	760
Year-year change	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	1.4%	1.4%	1.4%	1.4%	1.3%
CCWD Pilarcitos Wells	56	56	50	50	50	50	50	50	50	50	50
Denniston Wells	21	21	23	25	40	40	40	40	40	40	40
Denniston Surface Water	102	102	110	150	200	200	200	200	200	200	200
Total Denniston	123	123	133	175	240	240	240	240	240	240	240
Denniston year-year change	0	0.0%	8.1%	31.6%	37.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total CCWD Sources	179	179	183	225	290	290	290	290	290	290	290
Total SFPUC (max 794 MG)	477	521	517	475	410	420	430	440	450	460	470
SFPUC year-year change		9.2%	-0.8%	-8.1%	-13.7%	2.4%	2.4%	2.3%	2.3%	2.2%	2.2%
SFPUC Water Cost											
Base Charge	\$81,384	\$81,384	\$81,384	\$81,384	\$81,384	\$81,384	\$81,384	\$81,384	\$81,384	\$81,384	\$81,384
Consumption Charge	\$1,696,519	\$1,776,533	\$2,087,689	\$2,037,810	\$1,775,917	\$2,072,521	\$2,369,816	\$2,555,500	\$2,462,222	\$2,548,839	\$2,686,711
Surcharge for use over ISA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BAWSCA Surcharge		\$281,454	\$281,454	\$281,454	\$281,454	\$281,454	\$281,454	\$281,454	\$281,454	\$281,454	\$281,454
Total SFPUC Water Purchase	\$1,777,903	\$2,139,371	\$2,450,527	\$2,400,648	\$2,138,755	\$2,435,359	\$2,732,654	\$2,918,338	\$2,825,060	\$2,911,677	\$3,049,549
% SFPUC Water	73%	74%	74%	68%	59%	59%	60%	60%	61%	61%	62%
SFPUC Rate Increase	9.9%	-5.1%	16.9%	5.8%	0.9%	13.0%	11.0%	5.1%	-5.5%	1.2%	3.0%
SFPUC Unit Charge (\$/hcf)	\$2.93	\$2.78	\$3.25	\$3.44	\$3.47	\$3.92	\$4.35	\$4.57	\$4.32	\$4.37	\$4.51
Untreated Water Discount	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
Net SFPUC Rate	\$2.70	\$2.55	\$3.02	\$3.21	\$3.24	\$3.69	\$4.12	\$4.34	\$4.09	\$4.14	\$4.28
Interim Supply Allocation (MG)	794										
SFPUC Surcharge Over ISA	50%										
Denniston Supply Benefit:											
Avoided SFPUC Cost		\$457,233	\$577,961	\$804,583	\$1,113,359	\$1,258,096	\$1,396,487	\$1,467,707	\$1,386,983	\$1,403,627	\$1,445,736
Cumulative Avoided Cost		\$457,233	\$1,035,195	\$1,839,778	\$2,953,137	\$4,211,233	\$5,607,720	\$7,075,427	\$8,462,411	\$9,866,038	\$11,311,774

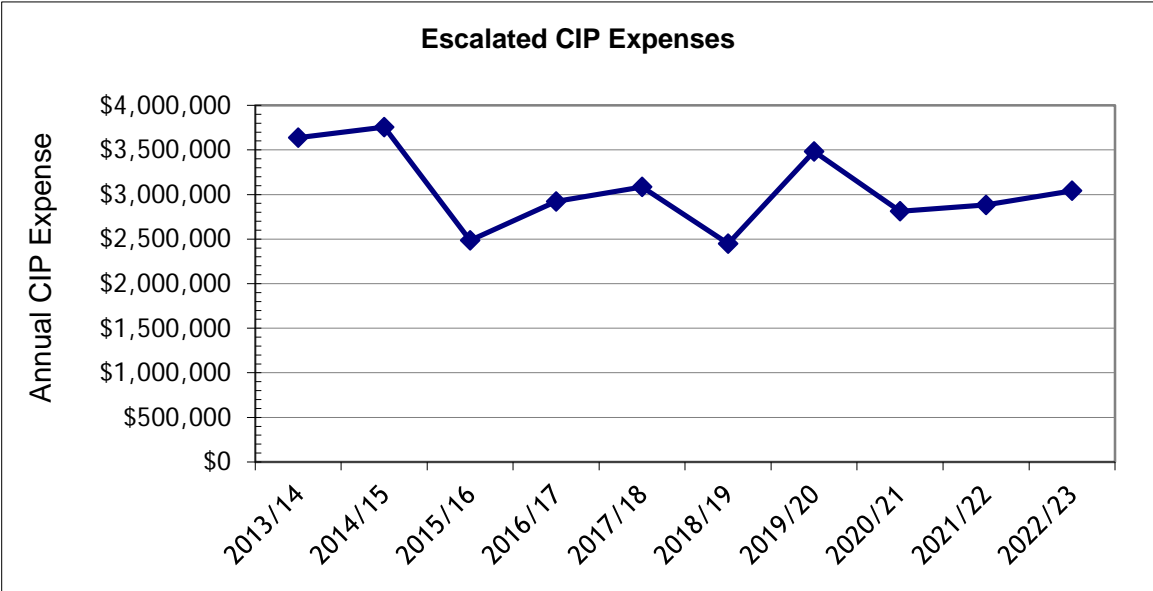
Coastside County Water District - Financing Plan
Operating Expenses

Projected Future Operating Expenses											
	Budget 2013/14	Inflation Factor	Estimated								
			2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Operating Expenses											
Water Purchased	\$2,139,371	varies	\$2,450,527	\$2,400,648	\$2,138,755	\$2,435,359	\$2,732,654	\$2,918,338	\$2,825,060	\$2,911,677	\$3,049,549
Electricity	351,585	5%	369,000	387,000	406,000	432,000	460,000	490,000	522,000	556,000	592,000
Denniston WTP Maint./Oper.	65,000	5%	74,000	102,000	147,000	154,000	162,000	170,000	179,000	188,000	197,000
Nunes WTP Maint./Oper.	120,330	5%	125,000	121,000	110,000	118,000	127,000	136,000	146,000	157,000	168,000
CSP WTP Maint./Oper.	47,000	5%	49,000	47,000	43,000	46,000	49,000	53,000	57,000	61,000	65,000
Salaries & Payroll Taxes	1,742,156	5%	1,829,000	1,920,000	2,016,000	2,117,000	2,223,000	2,334,000	2,451,000	2,574,000	2,703,000
Insurance	525,077	5%	551,000	579,000	608,000	638,000	670,000	704,000	739,000	776,000	815,000
Employee Retirement	480,142	5%	504,000	529,000	555,000	583,000	612,000	643,000	675,000	709,000	744,000
Other Expenses	<u>822,793</u>	5%	864,000	907,000	952,000	1,000,000	1,050,000	1,103,000	1,158,000	1,216,000	1,277,000
Adjustment Scenario - Additional P	325,000	5.0%	341,000	358,000	376,000	395,000	415,000	436,000	458,000	481,000	505,000
Total Operating Expenses	6,618,455		7,156,527	7,350,648	7,351,755	7,918,359	8,500,654	8,987,338	9,210,060	9,629,677	10,115,549
Increase from prior fiscal year	482,893		538,072	194,121	1,107	566,604	582,295	486,683	222,722	419,617	485,873
Percent increase from prior fiscal year			8.1%	2.7%	0.0%	7.7%	7.4%	5.7%	2.5%	4.6%	5.0%

**Coastside County Water District - Financing Plan
 Ten-Year Capital Improvement Plan - Escalated CIP**

Escalation 4% per year

Escalated 10-Year Capital Improvement Plan			
	FY	Nominal CIP	Escalated CIP
0	2013/14	\$3,638,000	\$3,638,000
1	2014/15	\$3,612,000	\$3,756,000
2	2015/16	\$2,298,000	\$2,486,000
3	2016/17	\$2,598,000	\$2,922,000
4	2017/18	\$2,638,000	\$3,086,000
5	2018/19	\$2,013,000	\$2,449,000
6	2019/20	\$2,753,000	\$3,483,000
7	2020/21	\$2,138,000	\$2,813,000
8	2021/22	\$2,106,500	\$2,883,000
9	2022/23	\$2,138,000	\$3,043,000
	Total	\$25,932,500	\$30,559,000



Operations & Maintenance Budget - FY 2013/2014

EXHIBIT C

Account Number	Description	Proposed	Approved	FY 13/14 Budget	FY 13/14	Proj Year End	FY 13/14 Budget	FY 13/14	YTD Actual FY 12/13 as of January 31, 2013
		Budget FY 13/14	FY12/13	Vs. FY 12/13	Budget Vs. FY 12/13	Actual	Vs. FY 12/13	Budget Vs. FY 12/13	
			Budget	\$ Change	% Change	Actual FY 12/13	\$ Change	% Change	
OPERATING REVENUE									
4120	Water Sales (1) *	\$8,153,815	\$7,144,110	\$1,009,705	14.1%	\$7,480,564	\$673,251	9.0%	\$4,562,767
Total Operating Revenue		\$8,153,815	\$7,144,110	\$1,009,705	14.1%	\$7,480,564	\$673,251	9.0%	\$4,562,767
NON-OPERATING REVENUE									
4170	Hydrant Sales	\$25,000	\$25,000	\$0	0.0%	\$26,646	-\$1,646	-6.2%	\$16,646
4180	Late Penalty	\$70,000	\$50,000	\$20,000	40.0%	\$82,394	-\$12,394	-15.0%	\$48,394
4230	Service Connections	\$8,000	\$8,000	\$0	0.0%	\$9,799	-\$1,799	-18.4%	\$5,799
4920	Interest Earned	\$3,045	\$3,540	-\$495	-14.0%	\$3,372	-\$327	-9.7%	\$2,572
4930	Property Taxes	\$600,000	\$600,000	\$0	0.0%	\$617,651	-\$17,651	-2.9%	\$367,651
4950	Miscellaneous	\$37,000	\$37,000	\$0	0.0%	\$71,036	-\$108,036	-152.1%	\$17,341
4955	Cell Site Lease Income	\$121,453	\$117,524	\$3,929	3.3%	\$120,358	\$1,095	0.9%	\$70,358
4965	ERAF Refund	\$200,000	\$100,000	\$100,000	100.0%	\$311,000	-\$111,000	-35.7%	\$0
Total Non-Operating Revenue		\$1,064,498	\$941,064	\$123,434	13.1%	\$1,100,185	-\$35,687	-3.2%	\$528,762
TOTAL REVENUES		\$9,218,313	\$8,085,174	\$1,133,139	14.0%	\$8,580,749	\$637,564	7.4%	\$5,091,529
OPERATING EXPENSES									
5130	Water Purchased	\$1,776,489	\$1,795,164	-\$18,675	-1.0%	\$1,903,712	-\$127,223	-6.7%	\$1,110,712
5230	Electrical Exp. Nunes WTP	\$22,000	\$23,000	-\$1,000	-4.3%	\$25,000	-\$3,000	-12.0%	\$14,558
5231	Electrical Expenses, CSP	\$150,910	\$215,207	-\$64,297	-29.9%	\$246,074	-\$95,164	-38.7%	\$213,457
5232	Electrical Expenses/Trans. & Dist.	\$14,180	\$11,300	\$2,880	25.5%	\$14,500	-\$320	-2.2%	\$7,584
5233	Elec Exp/Pilarcitos Cyn	\$24,995	\$17,444	\$7,551	43.3%	\$15,170	\$9,825	64.8%	\$2,920
5234	Electrical Exp., Denn	\$139,500	\$93,000	\$46,500	50.0%	\$89,330	\$50,170	56.2%	\$3,120
5235	Denn. WTP Oper.	\$27,000	\$25,000	\$2,000	8.0%	\$24,476	\$2,524	10.3%	\$7,703
5236	Denn WTP Maint	\$38,000	\$37,000	\$1,000	2.7%	\$16,990	\$21,010	123.7%	\$2,740
5240	Nunes WTP Oper	\$75,330	\$98,212	-\$22,882	-23.3%	\$81,518	-\$6,188	-7.6%	\$45,618
5241	Nunes WTP Maint	\$45,000	\$40,000	\$5,000	12.5%	\$48,901	-\$3,901	-8.0%	\$30,273
5242	CSP - Operation	\$8,500	\$8,500	\$0	0.0%	\$9,470	-\$970	-10.2%	\$5,520
5243	CSP - Maintenance	\$40,000	\$40,000	\$0	0.0%	\$35,950	\$4,050	11.3%	\$21,736
5250	Laboratory Expenses	\$50,000	\$50,000	\$0	0.0%	\$47,410	\$2,590	5.5%	\$14,110
5318	Studies/Surveys/Consulting	\$75,000	\$68,000	\$7,000	10.3%	\$5,000	\$70,000	1400.0%	\$0
5321	Water Conservation	\$58,000	\$74,200	-\$16,200	-21.8%	\$21,827	\$36,173	165.7%	\$11,827
5322	Community Outreach	\$31,700	\$35,200	-\$3,500	-9.9%	\$26,423	\$5,277	20.0%	\$6,423
5411	Salaries - Field	\$946,432	\$985,319	-\$38,887	-3.9%	\$913,138	\$33,294	3.6%	\$533,138
5412	Maintenance Expenses	\$168,500	\$163,800	\$4,700	2.9%	\$177,635	-\$9,135	-5.1%	\$104,785
5414	Motor Vehicle Exp.	\$50,650	\$44,650	\$6,000	13.4%	\$68,920	-\$18,270	-26.5%	\$50,316
5415	Maintenance, Wells	\$10,000	\$6,000	\$4,000	66.7%	\$20,404	-\$10,404	-51.0%	\$404
5610	Salaries, Admin.	\$679,133	\$662,724	\$16,409	2.5%	\$624,809	\$54,325	8.7%	\$364,809
5620	Office Expenses	\$142,625	\$130,625	\$12,000	9.2%	\$102,020	\$40,605	39.8%	\$60,020
5621	Computer Services	\$79,860	\$75,000	\$4,860	6.5%	\$74,923	\$4,937	6.6%	\$21,923
5625	Meetings/Training/Seminars	\$20,000	\$20,000	\$0	0.0%	\$18,859	\$1,141	6.0%	\$10,859
5630	Insurance	\$115,000	\$125,000	-\$10,000	-8.0%	\$109,358	\$5,642	5.2%	\$59,358
5635	Ee/Ret Medical Insurance	\$410,077	\$451,882	-\$41,805	-9.3%	\$367,494	\$42,584	11.6%	\$207,494
5640	Employee Retirement	\$480,142	\$486,569	-\$6,427	-1.3%	\$455,213	\$24,929	5.5%	\$257,213
5645	SIP 401a Plan	\$30,000	\$30,000	\$0	0.0%	\$27,700	\$2,300	8.3%	\$0
5681	Legal	\$60,000	\$60,000	\$0	0.0%	\$33,327	\$26,673	80.0%	\$18,327
5682	Engineering	\$14,000	\$14,000	\$0	0.0%	\$7,449	\$6,551	87.9%	\$2,449
5683	Financial Services	\$24,000	\$26,000	-\$2,000	-7.7%	\$22,775	\$1,225	5.4%	\$13,775
5684	Payroll Taxes	\$116,590	\$117,867	-\$1,277	-1.1%	\$121,003	-\$4,413	-3.6%	\$62,003
5687	Memberships & Subscriptions	\$68,210	\$64,400	\$3,810	5.9%	\$72,160	-\$3,950	-5.5%	\$37,160
5688	Election Expense	\$25,000	\$0	\$25,000	0.0%	\$0	\$25,000	0.0%	\$0
5689	Union Expenses	\$6,000	\$6,000	\$0	0.0%	\$0	\$6,000	0.0%	\$0
5700	County Fees	\$16,700	\$15,900	\$800	5.0%	\$14,794	\$1,906	12.9%	\$13,794
5705	State Fees	\$14,000	\$18,600	-\$4,600	-24.7%	\$10,146	\$3,854	38.0%	\$8,146
Total Operating Expenses		\$6,053,525	\$6,135,563	-\$82,038	-1.4%	\$5,853,877	\$199,647	3.4%	\$3,324,273
CAPITAL ACCOUNTS									
5711	Existing Bonds - 1998A	\$266,890	\$265,273	\$1,617	0.6%	\$265,273	\$1,618	0.6%	\$258,383
5712	Existing Bonds - 2006B	\$483,859	\$481,296	\$2,563	0.5%	\$481,865	\$1,994	0.4%	\$338,865
5715	Existing Bond-CIEDB 11-099	\$353,143	\$353,641	-\$498	-0.1%	\$445,641	-\$92,498	-20.8%	\$353,641
Total Capital Accounts		\$1,103,892	\$1,100,210	\$3,682	0.3%	\$1,192,778	-\$88,887	-7.5%	\$950,888
TOTAL REVENUE LESS TOTAL EXPENSE		\$2,060,897	\$849,401	\$1,211,496	142.6%	\$1,534,094	\$526,803	34.3%	\$816,367
5713	Cont. to CIP & Reserves	\$2,060,897							

Notes:

(1) Water sales revenue calculated by applying rate increase to projected year-end sales.

* Assumes 9% rate increase

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4120 Description: Water Sales	
Actual Amount As Of: 31-Jan 2013	4,562,767
PROJECTED ACTIVITY to END of FY:	2,917,797
Projected YEAR END TOTAL:	7,480,564

PROPOSED Line Item Amount:	\$8,153,815 *
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	7,144,110
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% Change Actual Year End compared to Proposed Line item amount.	9.0%
% Change to Previous Year Budget	14.1%
Dollar difference between proposed budget & current budget	1,009,705

NARRATIVE: See Worksheet 4120 A for calculations

Water sales revenues are not expected to increase during the next fiscal year due to new customers coming on line. The projection is that there will be approximately 39 new connections. Increased Consumer awareness in the third year of drought will keep consumption to levels seen in FY 13/14

* - Assumes a 9% Increase

Spread:

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

Fiscal Year 2013/2014 Water Sales Projections

MONTH	Res. hcf	Res. hcf	Other hcf	Other hcf	TOTAL Units	TOTAL Units	Per Cent Diff	Residential \$ Projected	Other \$ Projected	Base Charge	Base Charge	Proposed FY 13/14 \$ Budget
	12/13	13/14	12/13	13/14	12/13	13/14	13 v. 14 dif	13/14	\$0.00/hcf	12/13	13/14	
	Actual	Budget	Actual	Budget	Actual	Budget				Actual	Budget	
Jul-12	36,441	36,441	60,136	60,136	96,577	96,577	0.0%	\$ 251,370	\$ 501,534	\$105,967	\$115,504	\$ 868,408
Aug-12	65,959	65,959	34,594	34,594	100,553	100,553	0.0%	\$ 454,985	\$ 288,514	\$143,109	\$155,989	\$ 899,488
Sep-12	35,348	35,348	52,489	52,489	87,837	87,837	0.0%	\$ 243,831	\$ 437,758	\$111,640	\$121,687	\$ 803,276
Oct-12	63,475	63,475	31,448	31,448	94,923	94,923	0.0%	\$ 437,851	\$ 262,276	\$143,592	\$156,516	\$ 856,643
Nov-12	30,582	30,582	26,947	26,947	57,529	57,529	0.0%	\$ 210,955	\$ 224,738	\$111,760	\$121,818	\$ 557,511
Dec-12	41,337	41,337	17,993	17,993	59,330	59,330	0.0%	\$ 285,143	\$ 150,062	\$143,829	\$156,774	\$ 591,978
Jan-13	17,404	17,404	20,031	20,031	37,435	37,435	0.0%	\$ 120,053	\$ 167,059	\$111,913	\$121,986	\$ 409,097
Feb-13	33,048	33,048	13,844	13,844	46,892	46,892	0.0%	\$ 227,965	\$ 115,459	\$144,114	\$157,084	\$ 500,508
Mar-13	23,633	23,633	28,075	28,075	51,708	51,708	0.0%	\$ 163,020	\$ 234,146	\$111,000	\$120,990	\$ 518,156
Apr-13	44,914	44,914	19,519	19,519	64,433	64,433	0.0%	\$ 309,817	\$ 162,788	\$143,000	\$155,870	\$ 628,475
May-13	30,426	30,426	40,508	40,508	70,934	70,934	0.0%	\$ 209,879	\$ 337,837	\$111,000	\$120,990	\$ 668,705
Jun-13	60,466	60,466	33,422	33,422	93,888	93,888	0.0%	\$ 417,094	\$ 278,739	\$143,000	\$155,870	\$ 851,704
TOTAL	483,033	483,033	379,006	379,006	862,039	862,039	0.0%	\$ 3,331,962	\$ 3,160,910	\$1,523,924	\$1,661,077	\$ 8,153,949

Average Residential Charge per Unit
\$6.90

Commercial Charge per Unit
\$8.34

\$ 8,153,949

FACTORS TO BE CONSIDERED

- 1 Superintendent projects a 46 MG purchase from Skylawn for next fiscal year
- 2 Anticipation of approximately 39 new connections next year.
- 3 April - June - Predicted Base on following:
Actual Sales / Predicted Sales (Jul - Feb)

Residential = 0.91

Other = 1.242

Budgeted Values for Residential & Other
Above multiplied by factor to get predicted water sales.

Residential Units	FY 12/13	9.0% FY 13/14	Base Charge	FY 12/13	9.0% FY 13/14
			5/8"	\$34.41	\$37.51
5/8" / 2 dwelling units	\$75.68	\$75.02			
3/4"	\$51.72	\$56.37			
3/4" / 2 dwelling units	\$103.50	\$112.74			
1"	\$86.21	\$93.97			
1.5"	\$166.48	\$181.46			
2.0"	\$275.90	\$300.73			
3"	\$603.57	\$657.89			
4"	\$2,069.64	\$2,255.91			
Commercial	\$7.65	\$8.34	Fire Detector	\$7.53	\$8.21

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4170 Description: Hydrant Sales	
Actual Amount As Of: 31-Jan 2013	16,646
PROJECTED ACTIVITY to END of FY:	10,000
Projected YEAR END TOTAL:	26,646
PROPOSED Line Item Amount:	25,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	25,000
% Change Actual Year End compared to Proposed Line item amount.	(6.2%)
% 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.

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	4180	Description: Late Penalty
Actual Amount As Of:	31-Jan 2013	48,394
PROJECTED ACTIVITY to END of FY:		34,000
Projected YEAR END TOTAL:		82,394
PROPOSED Line Item Amount:		70,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	50,000
% Change Actual Year End compared to Proposed Line item amount.	(15.0%)
% Change to Previous Year Budget	100.0%
Dollar difference between proposed budget & current budget	20,000

NARRATIVE:

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4230 Description: Service Connections	
Actual Amount As Of: 31-Jan 2013	5,799
PROJECTED ACTIVITY to END of FY:	4,000
Projected YEAR END TOTAL:	9,799
PROPOSED Line Item Amount:	8,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	8,000
<hr/>	
% Change Actual Year End compared to Proposed Line item amount.	(18.4%)
% 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	\$8,000
TOTAL	\$8,000

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4920 Description: Interest Earned	
Actual Amount As Of: 31-Jan 2013	2,572
PROJECTED ACTIVITY to END of FY:	800
Projected YEAR END TOTAL:	3,372
PROPOSED Line Item Amount:	\$ 3,045

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	3,540
% Change Actual Year End compared to Proposed Line item amount.	(9.7%)
% Change to Previous Year Budget	(14.0%)
Dollar difference between proposed budget & current budget	-495

NARRATIVE:

Interest income is derived from cash on deposit with LAIF.

Cash on Deposit	Balance	Less CSP \$							
	1,015,032	0	1,015,032	x	0.30%	=	\$	3,045	

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	4930	Description: Property Taxes
Actual Amount As Of:	31-Jan 2013	367,651
PROJECTED ACTIVITY to END of FY:		250,000
Projected YEAR END TOTAL:		617,651
PROPOSED Line Item Amount:		600,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	600,000
% Change Actual Year End compared to Proposed Line item amount.	(2.9%)
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

Projected CCWD portion of unsecured/secured Property Tax	\$600,000
TOTAL	<u><u>\$600,000</u></u>

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2013/2014**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4950 Description: Miscellaneous	
Actual Amount As Of: 31-Jan 2013	-86,036
PROJECTED ACTIVITY to END of FY:	15,000
Projected YEAR END TOTAL:	-71,036
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.	(152.1%)
% 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.

Negative Projected Year End due to refund to Cabrillo Unified School District

	FY 13/14
Skylawn	25,000
Miscellaneous	12,000
	37,000

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4955 Description: Cell Site Lease Income	
Actual Amount As Of: 31-Jan 2013	70,358
PROJECTED ACTIVITY to END of FY:	50,000
Projected YEAR END TOTAL:	120,358
PROPOSED Line Item Amount:	121,453

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	117,524
% Change Actual Year End compared to Proposed Line item amount.	0.9%
% Change to Previous Year Budget	3.3%
Dollar difference between proposed budget & current budget	3,929

NARRATIVE:

Revenue from Cell Site Leasing

<u>Sub-Account</u>	<u>FY 13/14</u>
Sprint Spectrum Lease (Carter Hill)	23,433
Sprint Spectrum Lease (Alves Tank)	21,080
Metro PCS (Miramontes Tank)	25,270
Metro PCS (Miramar Tank)	25,270
Verizon (Nunes WTP)	26,400
	121,453

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4965 Description: ERAF Refund	
Actual Amount As Of: 31-Jan 2013	0
PROJECTED ACTIVITY to END of FY:	311,000
Projected YEAR END TOTAL:	311,000
PROPOSED Line Item Amount:	200,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	100,000
% Change Actual Year End compared to Proposed Line item amount.	(35.7%)
% Change to Previous Year Budget	100.0%
Dollar difference between proposed budget & current budget	100,000

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
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5130 Description: Water Purchased	
Actual Amount As Of: 31-Jan 2013	1,110,712
PROJECTED ACTIVITY to END of FY:	793,000
Projected YEAR END TOTAL:	1,903,712
PROPOSED Line Item Amount:	1,776,489

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	1,795,164
% Change Actual Year End compared to Proposed Line item amount.	(6.7%)
% Change to Previous Year Budget	(1.0%)
Dollar difference between proposed budget & current budget	-18,675

NARRATIVE:

See worksheet 5130 A

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

- San Francisco Wholesale rates decreased 16.4%. Cost per hcf \$2.18 (\$2.78 less \$.27)
- Addition of BAWSCA Bond Surcharge (\$281,460 Annual)

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

PRODUCTION & PUMPING SCHEDULE FY 2013/2014

	Denniston Surface		Denniston Wells		Pilarcitos Wells		SFWD Pilarcitos-Crystal Springs				SFWD Total		TOTAL PRODUCTION		SFWD COST
	FY 12/13 hcf	FY 13/14 hcf	FY 12/13 hcf	FY 13/14 hcf	FY 12/13 hcf	FY 13/14 hcf	Pilarcitos		CSP		FY 12/13	FY 13/14	FY 12/13 Actual hcf	FY 13/14 Plan	**2.18/hcf
							FY 12/13 hcf	FY 13/14 hcf	FY 12/13 hcf	FY 13/14 hcf					Plan
Jul-12	0	7,133	0	3,525	0	0	115,000	50,917	2,000	15,555	117,000	66,472	117,000	77,130	\$144,909
Aug-12	0	0	0	0	0	0	97,363	57,212	8,533	39,254	105,896	96,466	105,896	96,466	\$210,296
Sep-12	0	0	0	0	0	0	0	42,714	101,029	38,646	101,029	81,360	101,029	81,360	\$177,365
Oct-12	0	0	0	0	0	0	0	54,674	88,917	43,000	88,917	97,674	88,917	97,674	\$212,929
Nov-12	0	8,474	0	3,235	5,000	13,156	0	43,500	61,778	0	61,778	43,500	66,778	68,365	\$94,830
Dec-12	0	15,421	0	3,025	6,150	13,120	20,388	30,166	28,355	0	48,743	30,166	54,893	61,732	\$65,762
Jan-13	2,673	22,172	0	3,525	10,214	12,542	41,136	0	134	16,199	41,270	16,199	54,157	54,438	\$35,314
Feb-13	2,313	22,172	0	3,525	17,380	16,120	31,163	23,000	10,147	0	41,310	23,000	61,003	64,817	\$50,140
Mar-13	21,797	22,025	3,000	3,525	18,500	16,730	17,212	12,487	0	0	17,212	12,487	60,509	54,767	\$27,222
Apr-13	22,039	22,172	3,000	3,525	0	0	40,809	42,081	0	0	40,809	42,081	65,848	67,778	\$91,737
May-13	17,434	17,567	3,000	3,525	0	0	46,443	53,701	0	0	46,443	53,701	66,877	74,793	\$117,068
Jun-13	7,566	9,699	3,000	3,525	0	0	50,000	85,355	32,214	0	82,214	85,355	92,780	98,579	\$186,074
hcf Totals	73,822	146,835	12,000	30,935	57,244	71,668	459,514	495,807	333,107	152,654	792,621	648,461	935,687	897,899	\$1,413,645
MG Totals	55.22	109.83	8.98	23.14	42.82	53.61	343.72	370.86	249.16	114.19	592.88	485.05	699.89	671.63	

Base Charge	\$81,384
BAWSCA Bond Surcharge	\$281,460
Grand Total	\$1,776,489

Note: Bold numbers in actual columns are estimates

Expect 34,482 hcf of estimated unmetered water (leaks, plant use, flow tests, etc...) for FY 13/14
4% unaccountable water

** - The San Francisco Wholesale rate is the total of \$2.45 less the untreated water of \$.27 = \$2.18

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5230 Description: Electrical Exp. Nunes WTP	
Actual Amount As Of: 31-Jan 2013	14,558
PROJECTED ACTIVITY to END of FY:	10,442
Projected YEAR END TOTAL:	25,000
PROPOSED Line Item Amount:	22,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	23,000
% Change Actual Year End compared to Proposed Line item amount.	(12.0%)
% Change to Previous Year Budget	(4.3%)
Dollar difference between proposed budget & current budget	-1,000

NARRATIVE:

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

FY 13/14

PG&E \$22,000

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2013/2014**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5231 Description: Electrical Expenses, CSP	
Actual Amount As Of: 31-Jan 2013	213,457
PROJECTED ACTIVITY to END of FY:	32,617
Projected YEAR END TOTAL:	246,074
PROPOSED Line Item Amount:	150,910

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	215,207
% Change Actual Year End compared to Proposed Line item amount.	(38.7%)
% Change to Previous Year Budget	(29.9%)
Dollar difference between proposed budget & current budget	-64,297

NARRATIVE:

Skylawn is estimated to purchase 23 million gallons when we are not running Crystal Springs.

	hcf	rate to pump 1 unit of water			
Pumping charges - electrical	151,000	0.770	=	\$	116,270
Non-pumping electrical				\$	10,000
Skylawn Pumping Expenses	32,000	0.770	=	\$	24,640
TOTAL				<u>\$</u>	<u>150,910</u>

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5232	Description: Electrical Expenses/Trans. & Dist.
Actual Amount As Of:	31-Jan 2013	7,584
PROJECTED ACTIVITY to END of FY:		6,916
Projected YEAR END TOTAL:		14,500
PROPOSED Line Item Amount:		14,180

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	11,300
% Change Actual Year End compared to Proposed Line item amount.	(2.2%)
% Change to Previous Year Budget	25.5%
Dollar difference between proposed budget & current budget	2,880

NARRATIVE:

	FY 13/14
Granada #1	\$5,030
Granada #2	\$3,150
Granada #3	\$1,500
Alves Pump Station	\$4,000
Miramontes Tank	\$500
TOTAL	<u>\$14,180</u>

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5233	Description: Elec Exp/Pilarcitos Cyn
Actual Amount As Of:	31-Jan 2013	2,920
PROJECTED ACTIVITY to END of FY:		12,250
Projected YEAR END TOTAL:		15,170

PROPOSED Line Item Amount:	24,995
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	17,444
% Change Actual Year End compared to Proposed Line item amount.	64.8%
% Change to Previous Year Budget	43.3%
Dollar difference between proposed budget & current budget	7,551

NARRATIVE:

Assumes sufficient rain in October to pump Pilarcitos Wells in November.
 Assumes 71,000 units of production, at an energy cost of \$0.35 per unit.

Wells #1 & 3	\$ 11,515	Well #4	\$ 1,525
Well #2	\$ 300	Well #4A	\$ 1,525
Well #3A	\$ 300	Well #5	\$ 8,930
Carter Hill	\$ 300	Telemeter	\$ 300
TOTAL		Blending Station	\$ 300
		Total	\$ 24,995

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5234	Description: Electrical Exp., Denn
Actual Amount As Of:	31-Jan 2013	3,120
PROJECTED ACTIVITY to END of FY:		86,210
Projected YEAR END TOTAL:		89,330

PROPOSED Line Item Amount:	139,500
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	93,000
<hr/>	
% Change Actual Year End compared to Proposed Line item amount.	56.2%
% Change to Previous Year Budget	50.0%
Dollar difference between proposed budget & current budget	46,500

NARRATIVE:

Projected to have Denniston back on line and running during FY 13/14

	FY 13/14
Denn Pump Station	\$97,500
Denn Well #1	\$1,500
Denn Well #2,3,4	\$6,000
Denn Well #5	\$1,500
Denn Well #9	\$18,000
Denn WTP	\$12,000
WWR System	\$3,000
TOTAL	\$139,500

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2013/2014**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5235 Description: Denn. WTP Oper.	
Actual Amount As Of: 31-Jan 2013	7,703
PROJECTED ACTIVITY to END of FY:	16,773
Projected YEAR END TOTAL:	24,476

PROPOSED Line Item Amount:	27,000
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	25,000
<hr/>	
% Change Actual Year End compared to Proposed Line item amount.	10.3%
% Change to Previous Year Budget	8.0%
Dollar difference between proposed budget & current budget	2,000

NARRATIVE:

Projected to have Denniston back on line and running during FY13/14
Assume production of 132 MG

ADMIN		CHEMICALS	
Telephone/DSL	\$2,000	Caustic	\$7,000
Alarm System	\$2,000	Polymers	\$3,500
		Alum	\$6,000
Subtotal	\$4,000	Salt	\$1,500
		Pot. Perm	\$2,000
		Lab Reagents	\$3,000
		Subtotal	\$23,000
		Total	<u>\$27,000</u>

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5236 Description: Denn WTP Maint	
Actual Amount As Of: 31-Jan 2013	2,740
PROJECTED ACTIVITY to END of FY:	14,250
Projected YEAR END TOTAL:	16,990

PROPOSED Line Item Amount:	38,000
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	37,000
<hr/>	
% Change Actual Year End compared to Proposed Line item amount.	123.7%
% Change to Previous Year Budget	2.7%
Dollar difference between proposed budget & current budget	1,000

NARRATIVE:

Projected to have Denniston back on line and running during FY 13/14

	FY 13/14
Misc. Expenses / Office Supplies	\$ 1,000
Telemetry	\$ 3,000
Misc. Plumbing & Parts	\$ 4,000
Sludge Removal	\$ 6,000
Annual PM	\$ 3,000
Inst. Controls	\$ 10,000
Office Lab	\$ 3,000
CCTV	\$ 8,000
TOTAL	\$ 38,000

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5240 Description: Nunes WTP Oper	
Actual Amount As Of: 31-Jan 2013	45,618
PROJECTED ACTIVITY to END of FY:	35,900
Projected YEAR END TOTAL:	81,518
PROPOSED Line Item Amount:	75,330

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	98,212
% Change Actual Year End compared to Proposed Line item amount.	(7.6%)
% Change to Previous Year Budget	(23.3%)
Dollar difference between proposed budget & current budget	-22,882

NARRATIVE:

Chemical costs = \$125/MG.
Expect to treat 533 MG.

Telephone/DSL	\$2,000	Chemicals	
Alarm System	\$1,000	Caustic	\$26,000
Sub total	\$3,000	Polymer	\$2,330
		Alum	\$34,000
		Salt	\$8,000
		Lab Reagents	\$2,000
		Sub Total	\$72,330
		TOTAL	\$75,330

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2013/2014**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5241 Description: Nunes WTP Maint	
Actual Amount As Of: 31-Jan 2013	30,273
PROJECTED ACTIVITY to END of FY:	18,628
Projected YEAR END TOTAL:	48,901
PROPOSED Line Item Amount:	45,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	40,000
% Change Actual Year End compared to Proposed Line item amount.	(8.0%)
% Change to Previous Year Budget	12.5%
Dollar difference between proposed budget & current budget	5,000

NARRATIVE:

No change in maintenance costs expected.

Increase in Misc. Expenses to include misc. office expenses.
FY 13/14

Generator Service Contract	\$1,000
Sludge Removal	\$6,000
Electrical	\$5,000
Instrumentation/Controls	\$8,000
Motor & Pump Replacement	\$9,000
Filter Inspection	\$4,000
Annual Electrical PM	\$5,000
Misc. Expenses / Office Supplies	\$7,000
	\$45,000
	\$45,000

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5242 Description: CSP - Operation	
Actual Amount As Of: 31-Jan 2013	5,520
PROJECTED ACTIVITY to END of FY:	3,950
Projected YEAR END TOTAL:	9,470
PROPOSED Line Item Amount:	8,500

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	8,500
<hr/>	
% Change Actual Year End compared to Proposed Line item amount.	(10.2%)
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:	FY 13/14
Telephone & Telemetry	\$6,300
Alarm Co. (Bay Alarm / HMB Alarm)	\$1,200
Fire System Maint.	<u>\$1,000</u>
TOTAL	<u><u>\$8,500</u></u>

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5243 Description: CSP - Maintenance	
Actual Amount As Of: 31-Jan 2013	21,736
PROJECTED ACTIVITY to END of FY:	14,214
Projected YEAR END TOTAL:	35,950
PROPOSED Line Item Amount:	40,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	40,000
% Change Actual Year End compared to Proposed Line item amount.	11.3%
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

Will not be cleaning tunnel in FY 10/11. Anticipate needing more work on instrumentation and controls in FY 10/11.

FY 13/14

Electrical Testing (ETI)	\$5,000
Electrical Repair	\$7,000
Equipment /Valve Maintenance	\$12,000
Pressure Reducing Valves	\$1,000
Misc. Equip/Air Vent	\$1,000
Telemetry & Alarms	\$4,000
Pump Maintenance	\$10,000
	<u>\$40,000</u>

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5250	Description: Laboratory Expenses
Actual Amount As Of:	31-Jan 2013	14,110
PROJECTED ACTIVITY to END of FY:		33,300
Projected YEAR END TOTAL:		47,410
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.	5.5%
% 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.

	FY 13/14
Nunes WTP	\$14,000
Denniston WTP	\$14,000
Source Waters	\$10,000
Distribution	\$7,000
Shipping	\$5,000
	\$50,000

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5318	Description: Studies/Surveys/Consulting
Actual Amount As Of:	31-Jan 2013	0
PROJECTED ACTIVITY to END of FY:		5,000
Projected YEAR END TOTAL:		5,000

PROPOSED Line Item Amount:	\$75,000
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	68,000
% Change Actual Year End compared to Proposed Line item amount.	1400.0%
% Change to Previous Year Budget	10.3%
Dollar difference between proposed budget & current budget	7,000

Narrative: Increase due to Drought Contingency Planning

Drought Contingency Planning	\$50,000.00
Water Audit (M36)	\$15,000.00
Misc. Studies/Surveys	\$10,000.00
	<u>\$75,000.00</u>

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5321	Description: Water Conservation
Actual Amount As Of:	31-Jan 2013	11,827
PROJECTED ACTIVITY to END of FY:		10,000
Projected YEAR END TOTAL:		21,827

PROPOSED Line Item Amount:	58,000
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	74,200
% Change Actual Year End compared to Proposed Line item amount.	165.7%
% Change to Previous Year Budget	(21.8%)
Dollar difference between proposed budget & current budget	-16,200

NARRATIVE:

Increase funding due to:

Funding the Administration of the Pilarcitos IWMP and funding the Lower Pilarcitos Creek Gage (WY2014)

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

Budget Worksheet	
Fiscal Year 2013-2014	
Worksheet 5321 – Water Resources	FY 2014
Description	Amount
Foundational Best Management Practices	
1.0 Utility Operations Programs	
Subtotal	\$0
2.0 Education Programs	
Subtotal	\$15,000
Programmatic Best Management Practices	
3.0 Residential	
Subtotal	\$23,000
4.0 Commercial, Industrial and Institutional	
Subtotal	\$0
5.0 Landscape (Large)	
Subtotal	\$3,000
Flex Track Best Management Practices	
Subtotal	\$5,000
GPCD Compliance (CUWCC/SBx7)	
	\$0
Water Resources	
Subtotal	\$12,000
Total	\$58,000

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2013/2014**

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5322	Description: Community Outreach
Actual Amount As Of:	31-Jan 2013	6,423
PROJECTED ACTIVITY to END of FY:		20,000
Projected YEAR END TOTAL:		26,423
PROPOSED Line Item Amount:		31,700

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	35,200
% Change Actual Year End compared to Proposed Line item amount.	20.0%
% Change to Previous Year Budget	(9.9%)
Dollar difference between proposed budget & current budget	-3,500

NARRATIVE:

Created new account per Finance Committee to accommodate new community outreach between CCWD and Customers. Increase due to additional printing of annual reports and postage.

Pacifica Coast Television - Recording meetings(14 @ \$250)	\$3,500
Montara Fog (14 @ \$300)	\$4,200
Materials/Publications/Public Information	\$5,000
Postage for Public Outreach	\$6,000
Printing Annual Reports (Consumer Confidence Report/ Water Supply Evaluation, etc..)	\$10,000
Constant Contact/Email	\$500
Graphic Artist	\$2,500

Spread: TOTAL **31,700**

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5411 Description: Salaries - Field	
Actual Amount As Of: 31-Jan 2013	533,138
PROJECTED ACTIVITY to END of FY:	380,000
Projected YEAR END TOTAL:	913,138
PROPOSED Line Item Amount:	946,432

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	985,319
% Change Actual Year End compared to Proposed Line item amount.	3.6%
% Change to Previous Year Budget	(3.9%)
Dollar difference between proposed budget & current budget	-38,887

NARRATIVE:

A COLA of 2.45% was used as a place holder based upon the Department of Labor Statistics information for February to February 2013

Spread:

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

COASTSIDE COUNTY WATER DISTRICT
6/6/2013
FY 2013/2014 BUDGET WORKSHEET (5411 A)
SALARY INFORMATION - Accounts 5411 & 5610

EMPLOYEE	Current Hrly Rate	COLA 2.45%	Annual Pay	O T Hours	O T Pay	Cert. Pay	TOTAL
FIELD #5411							
Superintendent	60.18	61.65	128,231			10,800	139,031
Field Supervisor	48.19	49.37	102,686	80	5,924	7,200	115,810
WTP Supervisor	50.60	51.84	107,827	120	9,331	7,200	124,358
Sr. WTP Oper.	37.63	38.55	80,177	120	6,938	6,000	93,116
Treat/Dist Op	30.90	31.66	65,847	120	5,698	4,800	76,345
Treat/Dist Op	27.99	28.67	59,640	120	5,161	4,800	69,601
Treat/Dist Op	29.26	29.98	61,787	120	5,396	6,000	70,151
Treat/Dist Op	33.26	34.08	70,881	120	6,134	7,200	84,215
Maint Worker	28.03	28.71	59,720	80	3,445	3,600	66,766
Maint Worker	24.78	25.38	52,795	80	3,046	1,200	57,040
Part-Time Help	15.00		15,000				15,000
Part-Time Help	15.00		15,000				15,000
Standby Pay for On-Call Employees			20,000				20,000
Sub total, Field			839,590		51,075	58,800	946,432
ADMIN #5610							
Gen Manager	92.00	94.25	196,048			4,800	200,848
Water Conser.	36.64	37.54	78,073	50	2,815		80,888
Prj Coord. PT	60.00		15,000				15,000
Office Mgr	40.53	41.52	86,357	50	3,114		89,471
Admin Assist.	36.73	37.62	78,260	50	2,822	6,946	88,027
Office Speclst	28.03	28.71	59,720		-		59,720
Office Speclst	26.03	26.66	55,458		-		55,458
Office Speclst	28.03	28.71	59,720		-		59,720
Part-Time Help	15.00		15,000				15,000
Directors			15,000				15,000
Sub total, Admin			658,637		8,751	11,746	\$679,133
TOTAL			1,498,226				\$1,625,566

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2013/2014**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5412 Description: Maintenance Expenses	
Actual Amount As Of: 31-Jan 2013	104,785
PROJECTED ACTIVITY to END of FY:	72,850
Projected YEAR END TOTAL:	177,635
PROPOSED Line Item Amount:	168,500

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	163,800
<hr/>	
% Change Actual Year End compared to Proposed Line item amount.	(5.1%)
% Change to Previous Year Budget	2.9%
Dollar difference between proposed budget & current budget	4,700

NARRATIVE:

Laundry	\$1,000	Tree Removal	\$12,000
Supplies Shop/Breakroom	\$1,000	Paving	\$24,000
Service Products	\$3,000	Inventory	\$11,000
Pump Repair	\$5,000	Materials	\$6,000
Uniforms/Jackets/Shoes	\$8,000	Equip. Rental	\$2,000
USA	\$500	Radio Repair/PM	\$3,000
Backfill	\$2,500	Landscape Maint	\$2,500
Hydrant repair	\$1,500	Main Repairs/Sml Line Replacmnt	\$15,000
Generator services	\$4,500	Cathodic Protection	\$8,000
Safety Supplies	\$3,500	Misc. tools, etc.	\$5,000
DMV/Pre-employment Physical	\$1,000	(Welder,Drill,Airtools, Sump Pump, Lrg tools)	
Alves Alt Valve	\$9,000	Waste Services	\$3,000
Alves Vault Valves	\$4,500	Fence Repairs	\$2,000
TOTAL	\$168,500	Raising Valve (City/County)	\$20,000
Spread:		Building Maintenance	\$10,000

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5414	Description: Motor Vehicle Exp.
Actual Amount As Of:	31-Jan 2013	50,316
PROJECTED ACTIVITY to END of FY:		18,604
Projected YEAR END TOTAL:		68,920

PROPOSED Line Item Amount:	50,650
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	44,650
% Change Actual Year End compared to Proposed Line item amount.	(26.5%)
% Change to Previous Year Budget	13.4%
Dollar difference between proposed budget & current budget	6,000

NARRATIVE:

	<u>FY 13/14</u>
Gasoline	\$31,000.00
FastTrak	\$150.00
Mobile Phones	\$7,500.00
Service & Repairs	\$12,000.00
	<u><u>\$50,650.00</u></u>

Total

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5415 Description: Maintenance, Wells	
Actual Amount As Of: 31-Jan 2013	404
PROJECTED ACTIVITY to END of FY:	20,000
Projected YEAR END TOTAL:	20,404
PROPOSED Line Item Amount:	10,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	6,000
% Change Actual Year End compared to Proposed Line item amount.	(51.0%)
% Change to Previous Year Budget	66.7%
Dollar difference between proposed budget & current budget	4,000

NARRATIVE:

FY 13/14 amounts same from past year due to not being able to rehabilitate wells and complete upgrades

	<u>FY 13/14</u>
Electrical PM	\$2,000
Pumps	\$5,000
Electrical	\$2,800
Plumbing	\$200
	<u>\$10,000</u>

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5610	Description: Salaries, Admin.
Actual Amount As Of:	31-Jan 2013	364,809
PROJECTED ACTIVITY to END of FY:		260,000
Projected YEAR END TOTAL:		624,809
PROPOSED Line Item Amount:		679,133

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	662,724
% Change Actual Year End compared to Proposed Line item amount.	8.7%
% Change to Previous Year Budget	2.5%
Dollar difference between proposed budget & current budget	16,409

NARRATIVE:

A COLA of 2.45% was used as a place holder based upon the Department of Labor Statistics information for February to February 2013
(See Spreadsheet of Account #5411 for Admin and Board of Directors Salaries)

Spread:

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

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5620	Description: Office Expenses
Actual Amount As Of: 31-Jan 2013	60,020
PROJECTED ACTIVITY to END of FY:	42,000
Projected YEAR END TOTAL:	102,020
PROPOSED Line Item Amount:	142,625

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	130,625
% Change Actual Year End compared to Proposed Line item amount.	39.8%
% Change to Previous Year Budget	9.2%
Dollar difference between proposed budget & current budget	12,000

NARRATIVE:

See Sheet 5620 A which details the cost items comprising this line item

Increase due to:

- New Postage Rate Increase - Eff. January 27, 2013
- Office Building Repairs/Maintenance (\$10,000)

Spread:

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

Account 5620 - Detail of Account

Account Name	Description	Amount
Postage	Mail Machine	\$ 4,000
	Bulk Mailing	\$ 6,000
	Pre-Stamped Envelopes	\$ 3,000
Phone Services PG&E	Monthly Service & Repairs	\$ 6,000
	Monthly Service (District Office)	\$ 8,000
Office Cleaning	Janitorial Service/Carpet Cleaning	\$ 7,800
File Storage	Iron Mountain - Offsite Storage	\$ 5,000
	Iron Mountain - Shredding Service	\$ 300
Leases	Mail & Copier Machines	\$ 13,000
	Office Alarms and Security Camera	\$ 5,000
Printing	Checks, Forms, Statements	\$ 1,000
CSG Systems, Inc.	Fulfillment Center for Billing Stmtnts	\$ 25,000
	NetBill (Online Payments)	\$ 6,500
Emergency	Supplies	\$ 1,000
	AED Certification	\$ 125
Miscellaneous	Office Supplies	\$ 6,000
	Credit Card / Bank Fees	\$ 15,000
	Pre-Employment Physicals	\$ -
	Employee Recognition Program	\$ 2,000
	Petty Cash	\$ 2,500
	Director recognition/framing	\$ 300
	ORCC LockBox Services	\$ 600
	Allowance for Bad Debt	\$ 5,000
Maintenance	Office Equipment/Repairs	\$ 1,000
	Office Building	\$ 10,000
Payroll	Payroll Processing with ADP	\$ 8,500
TOTAL		\$ 142,625

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5621 Description: Computer Services	
Actual Amount As Of: 31-Jan 2013	21,923
PROJECTED ACTIVITY to END of FY:	53,000
Projected YEAR END TOTAL:	74,923
PROPOSED Line Item Amount:	79,860

Approved Line Item Amount:

PREVIOUS YEAR BUDGET: 75,000

% Change Actual Year End compared to Proposed Line item amount. 6.6%

% Change to previous year budget: 6.5%

Dollar difference between proposed budget & current budget 4,860

Increase in Springbrook Maintenance & Website Maintenance and addition of Comcast Internet

NARRATIVE:

Maintenance Agreements

Springbrook	\$14,000
Radix	\$3,000
Irvine Consulting Svcs	\$15,000
Badger	\$1,500
XC2 Software	\$1,800
Remit Plus/Ck Scanner	\$2,000
GIS License	\$5,000
Web Filtering (Barracuda)	\$1,400
Sprbrk Server License	\$700
Subtotal	\$44,400

Computer Services

New/Upgrades to software/Cust Rpts	\$7,500
Service/Repairs/Parts	\$15,000
Coastside Net	\$1,500
Rogue Web Works (Website Maint.)	\$7,500
Sonic.net	\$1,500
Spam Filtering	\$900
Comcast Internet	1560
Subtotal	\$35,460

Grand Total \$79,860

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5625 Description: Meetings/Training/Seminars	
Actual Amount As Of: 31-Jan 2013	10,859
PROJECTED ACTIVITY to END of FY:	8,000
Projected YEAR END TOTAL:	18,859
PROPOSED Line Item Amount:	20,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	20,000
% Change Actual Year End compared to Proposed Line item amount.	6.0%
% 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	\$ 1,000
TOTAL	<u>\$ 20,000</u>

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5630	Description: Insurance
Actual Amount As Of:	31-Jan 2013	59,358
PROJECTED ACTIVITY to END of FY:		50,000
Projected YEAR END TOTAL:		109,358

PROPOSED Line Item Amount:	115,000
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	125,000
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% Change Actual Year End compared to Proposed Line item amount.	5.2%
% Change to Previous Year Budget	(8.0%)
Dollar difference between proposed budget & current budget	-10,000

NARRATIVE:	FY 13/14
Auto/General Liability	\$55,000
Property Program	\$20,000
Workers Compensation	\$40,000
TOTAL	<u><u>\$115,000</u></u>

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5635	Description: Ee/Ret Medical Insurance
Actual Amount As Of:	31-Jan 2013	207,494
PROJECTED ACTIVITY to END of FY:		160,000
Projected YEAR END TOTAL:		367,494

PROPOSED Line Item Amount:	410,077
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	451,882
% Change Actual Year End compared to Proposed Line item amount.	11.6%
% Change to Previous Year Budget	(9.3%)
Dollar difference between proposed budget & current budget	-41,805

NARRATIVE: Employee and Retiree Medical Insurance

<u>Active Employees:</u>	FY 13/14
Medical	289,357
Dental	16,641
Vision	3,954
Life/AD&D	8,069
LTD	15,604
EAP	737
	334,362 Subtotal

<u>Retirees:</u>	
Medical	72,910
Dental	1,323
Vision	1,483
	75,716 Subtotal

410,077 Total

Spread:

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

ACCOUNT No. 5635 / Insurance Benefits for Active Employees and Retirees - Year 2012/13

ACTIVE EMPLOYEES

	Kaiser	Blue Cross	Dental	Vision	Life/AD&D	LTD	EAP	
July-12	8,777	13,098	1,407	343	520	1,393	60	
August-12	8,777	13,098	1,407	343	470	1,157	60	
September-12	8,777	13,098	1,407	343	495	1,275	60	
October-12	8,777	13,098	1,407	343	495	1,275	60	
November-12	8,777	13,098	1,407	343	495	1,275	60	
December-12	8,777	14,199	1,360	323	560	1,275	60	
January-13	7,838	14,199	1,360	323	560	1,275	60	
February-13	7,838	14,199	1,360	323	560	1,275	60	
March-13	7,838	14,199	1,360	323	560	1,275	60	
April-13	7,838	14,199	1,360	323	560	1,275	60	
May-13	7,838	14,199	1,360	323	560	1,275	60	
June-13	7,838	14,199	1,360	323	560	1,275	60	
	99,690	164,881	16,553	3,977	6,399	15,298	722	Subtotal of column
	94,056	170,384	16,314	3,876	6,725	15,298	722	Subtotal (June Rate x 12/mo)
	12%	8%	2%	2%	20%	2%	2%	% Increase
	105,343	184,015	16,641	3,954	8,069	15,604	737	TOTAL
	289,357							

RETIREES

	Kaiser	Blue Cross	Dental	Vision	
July-12	1,682	5,560	434	121	
August-12	1,682	5,560	434	121	
September-12	1,682	5,560	434	121	
October-12	1,682	5,560	434	121	
November-12	1,682	5,560	434	121	
December-12	1,775	6,024	442	121	
January-13	1,775	6,024	442	121	
February-13	1,775	6,024	442	121	
March-13	1,775	6,024	442	121	
April-13	1,775	6,024	442	121	
May-13	1,775	6,024	442	121	
June-13	1,775	6,024	442	121	
		(26,868)	(4,007)		Reimbursement from Retirees
	20,834	43,103	1,255	1,454	Subtotal
	21,299	45,422	1,297	1,454	Subtotal (June Rate x 12/mo - less Reimbursement)
	12%	8%	2%	2%	% Increase
	23,855	49,056	1,323	1,483	TOTAL
	72,910				

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5640 Description: Employee Retirement	
Actual Amount As Of: 31-Jan 2013	257,213
PROJECTED ACTIVITY to END of FY:	198,000
Projected YEAR END TOTAL:	455,213
PROPOSED Line Item Amount:	480,142

Approved Line Item Amount:

PREVIOUS YEAR BUDGET: **486,569**

% Change Actual Year End compared to Proposed Line item amount. **5.5%**

% Change to Previous Year Budget **(1.3%)**

Dollar difference between proposed budget & current budget **-6,427**

NARRATIVE:

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

2.5% @ 55

Employer Rate increased from 24.341% (FY 12/13) to 25.409% (FY 13/14)

Employer Paid Member Contribution 8% (Ee paid 2% - Er paid 6%)

2% @ 60

Employer Rate increased from 8.552% (FY 12/13) to 8.768% (FY 13/14)

Employer Paid Member Contribution 7% (Ee paid 2% - Er paid 5%)

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5645	Description: SIP 401a Plan
Actual Amount As Of:	31-Jan 2013	0
PROJECTED ACTIVITY to END of FY:		27,700
Projected YEAR END TOTAL:		27,700
PROPOSED Line Item Amount:		30,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	30,000
% Change Actual Year End compared to Proposed Line item amount.	8.3%
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

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
DRAFT
 Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5681 Description: Legal	
Actual Amount As Of: 31-Jan 2013	18,327
PROJECTED ACTIVITY to END of FY:	15,000
Projected YEAR END TOTAL:	33,327
PROPOSED Line Item Amount:	60,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	60,000
% Change Actual Year End compared to Proposed Line item amount.	80.0%
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

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 is part of the overall project and not an operating expense.

HansonBridgett	\$60,000
Total	<u>\$60,000</u>

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5682	Description: Engineering
Actual Amount As Of:	31-Jan 2013	2,449
PROJECTED ACTIVITY to END of FY:		5,000
Projected YEAR END TOTAL:		7,449
PROPOSED Line Item Amount:		14,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	14,000
% Change Actual Year End compared to Proposed Line item amount.	87.9%
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

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.

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5683	Description: Financial Services
Actual Amount As Of: 31-Jan 2013	13,775
PROJECTED ACTIVITY to END of FY:	9,000
Projected YEAR END TOTAL:	22,775
PROPOSED Line Item Amount:	24,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	26,000
% Change Actual Year End compared to Proposed Line item amount.	5.4%
% Change to Previous Year Budget	(7.7%)
Dollar difference between proposed budget & current budget	-2,000

NARRATIVE:

Annual auditing services performed by Joseph J Arch, CPA and
Annual accounting/consultation services provided by John Parsons, CPA.

	FY 13/14
Financial Audit Service	\$16,000
Accounting Services	\$8,000
Total	<u><u>\$24,000</u></u>

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5684	Description: Payroll Taxes
Actual Amount As Of:	31-Jan 2013	62,003
PROJECTED ACTIVITY to END of FY:		59,000
Projected YEAR END TOTAL:		121,003
PROPOSED Line Item Amount:		116,590

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	117,867
% Change Actual Year End compared to Proposed Line item amount.	(3.6%)
% Change to Previous Year Budget	(1.1%)
Dollar difference between proposed budget & current budget	-1,277

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
2013/2014**

Line Item

Amount

Acct. No. **5684**

Description:

Payroll Taxes

CALCULATION FOR PAYROLL TAXES

		SOCIAL SECURITY 6.20%	MEDICARE 1.45%	TOTAL
TOTAL PAYROLL	\$ 1,625,566			
AMOUNT SUBJECT TO SOCIAL SECURITY	\$ 1,500,319	\$ 93,020		\$ 93,020
AMOUNT SUBJECT TO MEDICARE	\$ 1,625,566		\$ 23,571	\$ 23,571
TOTAL				\$ 116,590

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5687 Description: Memberships & Subscriptions	
Actual Amount As Of: 31-Jan 2013	37,160
PROJECTED ACTIVITY to END of FY:	35,000
Projected YEAR END TOTAL:	72,160
PROPOSED Line Item Amount:	68,210

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	64,400
% Change Actual Year End compared to Proposed Line item amount.	(5.5%)
% Change to Previous Year Budget	5.9%
Dollar difference between proposed budget & current budget	3,810

NARRATIVE: See attached worksheet for detail of costs

Increase due to:
Additional Membership to Water Research Foundation
Increased ACWA Membership dues

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	\$	200	Annual Membership*
ACWA	\$	12,000	Membership dues
ACWA	\$	10,000	Delta Sustainability Dues
AWWA	\$	2,000	Membership dues and technical publications
BAWSCA	\$	28,000	Annual assessment & dues
California Emergency Utilities	\$	500	Annual Membership
California Urban Water Conservation Council	\$	2,700	Annual Membership*
Chamber of Commerce	\$	600	Membership dues & Farm Day Luncheon Tickets
CSDA	\$	5,000	Membership dues
Half Moon Bay Review	\$	60	Annual Subscription
IAMPO	\$	100	Subscription for Backflow Prevention Magazine
Miscellaneous	\$	1,000	Miscellaneous Dues/Memberships/Subscriptions
Springbrook Users Group	\$	100	Annual Users Group for Springbrook Software
Water Education Foundation	\$	1,000	Membership dues and technical publications
Water Net	\$	250	Publication*
Water Research Foundation	\$	1,500	Annual Membership Dues
Water ReUse	\$	600	Annual Association Dues
Wellness Program	\$	2,000	Wellness Program group membership in health club
West Group (Formally Barclays)	\$	600	Updates on California Code of Regulations regarding construction laws
TOTAL	\$	68,210	
			*Additional annual membership

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5688	Description: Election Expense
Actual Amount As Of:	31-Jan 2013	0
PROJECTED ACTIVITY to END of FY:		0
Projected YEAR END TOTAL:		0
PROPOSED Line Item Amount:		25,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET: 0

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

% Change to Previous Year Budget #DIV/0!
Dollar difference between proposed budget & current budget 25,000

NARRATIVE:

Election of Two Candidates

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5689	Description: Union Expenses
Actual Amount As Of:	31-Jan 2013	0
PROJECTED ACTIVITY to END of FY:		0
Projected YEAR END TOTAL:		0
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.

% Change to Previous Year Budget 0.0%

Dollar difference between proposed budget & current budget 0

NARRATIVE:

Union Negotiation Services		\$ 6,000
	TOTAL	\$ 6,000

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5700	Description: County Fees
Actual Amount As Of:	31-Jan 2013	13,794
PROJECTED ACTIVITY to END of FY:		1,000
Projected YEAR END TOTAL:		14,794
PROPOSED Line Item Amount:		16,700

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	15,900
<hr/>	
% Change Actual Year End compared to Proposed Line item amount.	12.9%
% Change to Previous Year Budget	5.0%
Dollar difference between proposed budget & current budget	800

NARRATIVE:

1. The cost of the LAFCo budget, estimated	\$4,000.00
2. Hazardous Material Handling (Nunes & Denniston)	\$3,500.00
3. Property Taxes	\$1,000.00
4. Annual Encroachment Permit	\$7,000.00
5. District Digital Mapping - Secured Master Data	\$1,200.00
	<hr/>
	\$16,700.00

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5705 Description: State Fees	
Actual Amount As Of: 31-Jan 2013	8,146
PROJECTED ACTIVITY to END of FY:	2,000
Projected YEAR END TOTAL:	10,146
PROPOSED Line Item Amount:	14,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	18,600
% Change Actual Year End compared to Proposed Line item amount.	38.0%
% Change to Previous Year Budget	(24.7%)
Dollar difference between proposed budget & current budget	-4,600

NARRATIVE:

- #1 Fees are charged by the State Department of Health Services for reviewing applications and annual reports on operation of the Nunes & Denniston Water Treatment Plants (*DHS Fees - Increase due to additional services regarding new regulations*)
- #2 Water Rights (initialized by SWRCB) for both Pilarcitos & San Vincente
- #3 RWQCB NPDES Annual Fee (estimated)
- #4 Bay Area Air Quality Management Dist - Permits to Operate

#1	\$10,000
#2	\$1,000
#3	\$2,000
#4	\$1,000
	<u>\$14,000</u>

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5711	Description: Existing Bonds - 1998A
Actual Amount As Of:	31-Jan 2013	258,383
PROJECTED ACTIVITY to END of FY:		6,890
Projected YEAR END TOTAL:		265,273
PROPOSED Line Item Amount:		266,890

Approved Line Item Amount:

PREVIOUS YEAR BUDGET: 265,273

% Change Actual Year End compared to Proposed Line item amount.	0.6%
% Change to Previous Year Budget	0.6%
Dollar difference between proposed budget & current budget	1,617

NARRATIVE:

ABAG Pooled Financing Program Series 1998A

September 2013 Payment	\$266,890
Final Payment	<u>266,890</u>

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5712 Description: Existing Bonds - 2006B	
Actual Amount As Of: 31-Jan 2013	338,865
PROJECTED ACTIVITY to END of FY:	143,000
Projected YEAR END TOTAL:	481,865
PROPOSED Line Item Amount:	483,859

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	481,296
% Change Actual Year End compared to Proposed Line item amount.	0.4%
% Change to Previous Year Budget	0.5%
Dollar difference between proposed budget & current budget	2,563

NARRATIVE:

CSCDA Pooled Financing Program Series 2006B

September 2013 Payment	\$343,867
March 2014 Payment	\$139,992
	<u>\$483,859</u>

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5713 Description: Cont. to CIP & Reserves	
Actual Amount As Of: 31-Jan 2013	495,484
PROJECTED ACTIVITY to END of FY:	353,918
Projected YEAR END TOTAL:	849,402
PROPOSED Line Item Amount:	2,060,897

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	849,401
% Change Actual Year End compared to Proposed Line item amount.	142.6%
% Change to Previous Year Budget	142.6%
Dollar difference between proposed budget & current budget	1,211,496

NARRATIVE:

Contribution to CIP & Reserves	<u>\$ 2,060,897</u>
	\$ 2,060,897

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2013/2014

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5715 Description: Existing Bond-CIEDB 11-099	
Actual Amount As Of: 31-Jan 2013	353,641
PROJECTED ACTIVITY to END of FY:	92,000
Projected YEAR END TOTAL:	445,641
PROPOSED Line Item Amount:	353,143

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	353,641
% Change Actual Year End compared to Proposed Line item amount.	(20.8%)
% Change to Previous Year Budget	(0.1%)
Dollar difference between proposed budget & current budget	-498

NARRATIVE:

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

July 2013 Payment	\$263,046
January 2014 Payment	\$90,097
	<u>\$353,143</u>

Spread:

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

CIP Projects FY13/14 to FY22/23

NO.	PROJECT NAME	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	CIP Total
Equipment Purchase & Replacement												
06-03	SCADA/Telemetry/Electrical Controls Replacement	250,000	250,000	250,000								750,000
08-10	Backhoe					80,000						80,000
08-12	New Service Truck				150,000							150,000
99-02	Vehicle Replacement			30,000	30,000	30,000	30,000					120,000
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
6	Equipment Purchase & Replacement Totals	258,000	258,000	288,000	188,000	118,000	38,000	8,000	8,000	8,000	8,000	1,180,000
Facilities & Maintenance												
08-08	PRV Valves Replacement Project	30,000	30,000	30,000	30,000	30,000	30,000	30,000				210,000
09-07	Advanced Metering Infrastructure		25,000	50,000	400,000	400,000	400,000					1,275,000
09-09	Fire Hydrant Replacement	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	200,000
09-23	District Digital Mapping	50,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	275,000
14-11	Replace 2" and Larger Meters with Omni Meters	30,000	30,000	30,000								90,000
14-12	Harbor District Vault & Meter Replacement	70,000										70,000
14-13	New Security Fence at Pilarcitos Well Field		20,000									20,000
14-14	Grade and Rock First Half of Pilarcitos Canyon Road		20,000									20,000
14-15	Replace Administration Building Roof	30,000										30,000
99-01	Meter Change Program	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	200,000
10	Facilities & Maintenance Totals	250,000	190,000	175,000	495,000	495,000	495,000	95,000	65,000	65,000	65,000	2,390,000
Pipeline Projects												
06-01	Avenue Cabrillo Phase 2 & 3 Pipeline Replacement Project	246,000	479,000									725,000
06-02	Highway 1 South Pipeline Replacement Project					80,000	100,000	1,200,000				1,380,000
07-03	Pilarcitos Canyon Pipeline Replacement		75,000	75,000		1,000,000						1,150,000
07-04	Bell Moon Pipeline Replacement Project					60,000	250,000					310,000
10-01	Main Street Pipeline Replacement Project-Phase 3		90,000	250,000								340,000
10-02	Bridgeport Drive Pipeline Replacement Project	110,000	840,000									950,000
12-02	Wave Valve Automation				50,000							50,000
12-03	Crystal Springs Pipeline Air/Vacuum Relief Valves	20,000										20,000
13-01	Miramar Drive Pipeline Connection				50,000							50,000
13-02	Replace 8 Inch Pipeline Under Creek at Pilarcitos Ave.	25,000	200,000									225,000
14-01	Replace 12" Welded Steel Line on Hwy 92 with 8" DI			100,000				1,000,000	1,000,000	1,000,000		3,100,000
14-26	Replace 2 Inch Pipe Downtown Half Moon Bay				500,000							500,000
14-27	Grandview 2 Inch Replacement					450,000						450,000

NO.	PROJECT NAME	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	CIP Total
14-28	Replace 2 Inch Hilltop Market to Spanishtown						240,000					240,000
14-29	Replace 2 Inch GS Purisima 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 St.						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							1,000,000	1,000,000			2,000,000
19	Pipeline Projects Totals	401,000	1,684,000	425,000	600,000	1,590,000	815,000	2,385,000	2,000,000	2,000,000	2,000,000	13,900,000
Pump Stations/Tanks/Wells												
06-04	Hazen's Tank Replacement	400,000										400,000
08-14	AlvesTank Recoating, Interior + Exterior	400,000										400,000
08-16	Cahill Tank Exterior Recoat			150,000								150,000
08-17	EG Tank #2 Recoat + Ladder	300,000										300,000
08-18	EG Tank #3 Recoating Interior + Exterior		260,000									260,000
09-18	New Pilarcitos Well					150,000						150,000
11-02	CSPS Stainless Steel Inlet Valves						100,000					100,000
11-03	Miramar Tank Altitude Valve Replacement	30,000		0								30,000
11-05	Half Moon Bay Tank #2 Interior + Exterior Recoat					200,000						200,000
11-06	Half Moon Bay Tank #3 Interior + Exterior Recoat							200,000				200,000
12-06	CSPS Surge Tank Control Improvements	80,000										80,000
12-09	EG Tank #2 Fence Replacement	25,000										25,000
12-11	Miramar Tank Fence Replacement	25,000										25,000
13-08	Crystal Springs Spare 350 HP Pump & Motor	50,000				50,000						100,000
13-11	EG Tank #1 & Tank #2 Emergency Generators			75,000	200,000							275,000
14-17	Crystal Springs Pump Station Electrical Controls Upgrades	50,000										50,000
14-18	Crystal Springs Pump Station Spare 12 Inch Check Valve		25,000									25,000
14-23	Alves Tank Generator Enclosure	15,000										15,000
18	Pump Stations/Tanks/Wells Totals	1,375,000	285,000	225,000	200,000	400,000	100,000	200,000				2,785,000
Water Supply Development												
12-12	San Vicente Diversion and Pipeline	300,000	1,000,000	1,000,000								2,300,000
13-12	CCWD-MWSD Emergency Intertie – Planning	25,000										25,000
14-24	Denniston/San Vicente EIR & Permitting	100,000	50,000	50,000								200,000
14-25	Water Shortage Plan Development	50,000	50,000	100,000								200,000
4	Water Supply Development Totals	475,000	1,100,000	1,150,000								2,725,000
Water Treatment Plants												
08-06	Nunes Filter to Waste System				80,000							80,000
08-07	Nunes Filter Valve Replacement						30,000	30,000	30,000	30,000	30,000	150,000
12-04	Denniston Treated Water Booster Station	600,000										600,000

NO.	PROJECT NAME	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	CIP Total
12-05	Nunes Access Road Repaving	100,000										100,000
12-14	Nunes - Hydropneumatic System Improvements	40,000										40,000
13-04	Denniston Reservoir Restoration				1,000,000							1,000,000
13-05	Denniston WTP Emergency Power						500,000					500,000
14-02	Nunes - Replace Sludge Pond Media	25,000	25,000									50,000
14-04	Denniston - Dust Control	10,000										10,000
14-06	Nunes - New 1720E Turbidimeters (4)		35,000									35,000
14-07	Nunes - New Surface Scatter 7 Turbidimeter	7,000										7,000
14-08	Nunes - New Storage Container	7,000										7,000
14-10	Nunes - Emergency Power Switchgear	30,000										30,000
99-05	Denniston Maintenance Dredging	60,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	3,500	35,000	343,500
14	Water Treatment Plants Totals	879,000	95,000	35,000	1,115,000	35,000	565,000	65,000	65,000	33,500	65,000	2,952,500
Grand Total		3,638,000	3,612,000	2,298,000	2,598,000	2,638,000	2,013,000	2,753,000	2,138,000	2,106,500	2,138,000	25,932,500

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 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$750,000	250,000	250,000	250,000							

Description: This project provides for phased upgrading of controls at all the District's facilities and construction of a radio-based 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. Many of the District's operations run on controllers installed in the 1990s. These controllers are obsolete and can no longer be repaired when they fail. Replacing them before they fail prevents the disruption and higher costs associated with emergency replacements.

Transmission of essential data from District facilities to the operations center currently depends on a variety of communication channels, including leased telephone lines, radio links, and cellular network links. These communication links are not under the control of the District, vary in reliability, and can be expensive. This project will connect all District facilities with a reliable, District-owned, ethernet radio network.

Coastside County Water District Capital Improvement Program

Fiscal Year 2013/2014 to Fiscal Year 2022/2023

08-10 Backhoe

Equipment Purchase & Replacement

Priority: 2 Replaces essential District equipment.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$80,000					80,000					

Description: District crews use a backhoe on a frequent basis for leak repairs. The District purchased its current backhoe used in 2006. This project would replace the backhoe with a late-model used unit.

Coastside County Water District Capital Improvement Program

Fiscal Year 2013/2014 to Fiscal Year 2022/2023

08-12 New Service Truck

Equipment Purchase & Replacement

Priority: 2

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$150,000				150,000						

Description:

Coastside County Water District Capital Improvement Program

Fiscal Year 2013/2014 to Fiscal Year 2022/2023

99-02 Vehicle Replacement

Equipment Purchase & Replacement

Priority: 2

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$120,000			30,000	30,000	30,000	30,000				

Description:

Coastside County Water District Capital Improvement Program

Fiscal Year 2013/2014 to Fiscal Year 2022/2023

99-03 Computer Systems

Equipment Purchase & Replacement

Priority: 2 Maintains essential District facilities.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
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.

Coastside County Water District Capital Improvement Program

Fiscal Year 2013/2014 to Fiscal Year 2022/2023

99-04 Office Equipment/Furniture

Equipment Purchase & Replacement

Priority: 2 Maintains essential district facilities.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
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 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$210,000	30,000	30,000	30,000	30,000	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 seven remaining older PRV's at one PRV per year.

09-07 Advanced Metering Infrastructure

Facilities & Maintenance

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

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$1,275,000		25,000	50,000	400,000	400,000	400,000				

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 has proven the concept of automated meter reading with approximately 500 currently installed meters. These meters operate on a drive-by reading system.

The CIP budget provides funds for evaluation and planning over two fiscal years beginning with FY 14/15, followed by phased AMI implementation over three years beginning with FY 16/17.

09-09 Fire Hydrant Replacement

Facilities & Maintenance

Priority: 2 Maintains essential district infrastructure.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$200,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000

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 \$2000-\$5000.

Coastside County Water District Capital Improvement Program

Fiscal Year 2013/2014 to Fiscal Year 2022/2023

09-23 District Digital Mapping

Facilities & Maintenance

Priority: 1 Provides an essential tool for District asset management.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$275,000	50,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000

Description: This project provides continuing funding for implementation of the District's Geographic Information System (GIS). The GIS effort began in FY 10/11 with conversion of the District's paper distribution system maps to digital format.

Coastside County Water District Capital Improvement Program

Fiscal Year 2013/2014 to Fiscal Year 2022/2023

14-11 Replace 2" and Larger Meters with Omni Meters

Facilities & Maintenance

Priority: 2 Ensures equitable collection of revenue from larger customers.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$90,000	30,000	30,000	30,000							

Description: This program provides for replacing 2 inch and larger meters with newer technology that more accurately measures low flows, ensuring equitable collection of revenue.

14-12 Harbor District Vault & Meter Replacement

Facilities & Maintenance

Priority: 2 Improves worker safety and ensures equitable revenue collection.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$70,000	70,000									

Description: The large meter vault serving the Harbor District, located off Capistrano Road and the harbor entrance presents safety and accessibility issues for district staff. Reading the meter currently requires climbing into the vault. This project would install larger vault and a newer meter equipped for drive-by automated reading.

14-13 New Security Fence at Pilarcitos Well Field

Facilities & Maintenance

Priority: 2 Maintains security of district property and facilities.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$20,000		20,000								

Description: Replaces the fence and gate leading into the District's property in Pilarcitos Canyon. The fence separates District property from the public areas of the adjoining Christmas tree farm. The current fence and gate do not provide adequate security.

Coastside County Water District Capital Improvement Program

Fiscal Year 2013/2014 to Fiscal Year 2022/2023

14-14 Grade and Rock First Half of Pilarcitos Canyon Road

Facilities & Maintenance

Priority: 3 Maintains essential District facilities and infrastructure

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$20,000		20,000								

Description: This project provides for improvement of a portion of the road leading to the District's essential facilities in Pilarcitos Canyon. A layer of base rock placed on the road facilitates year-round access. The upper portion of the road, approximately a half mile long, was improved in a previous project.

14-15 Replace Administration Building Roof

Facilities & Maintenance

Priority: 2 Maintains essential district facilities.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$30,000	30,000									

Description: The District's administration building has not been reroofed since the building was constructed in the 1980s. The roof has been repaired numerous times, and the increasing need to fix leaks indicates that the roof has reached the end of its useful life.

Coastside County Water District Capital Improvement Program

Fiscal Year 2013/2014 to Fiscal Year 2022/2023

99-01 Meter Change Program

Facilities & Maintenance

Priority: 1 Ensures accuracy of metering for billing purposes.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$200,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000

Description: This project provides on-going funding for the District's replacement of meters that have reached the end of their service life. In addition to routine replacement of residential meters, this program includes replacing larger meters with newer technology that can read low flows more accurately, improving equitable collection of water revenue.

06-01 Avenue Cabrillo Phase 2 & 3 Pipeline Replacement Project

Pipeline Projects

Priority: 2 Improves water service and fire protection, eliminates frequent leak repairs, reduces water loss.

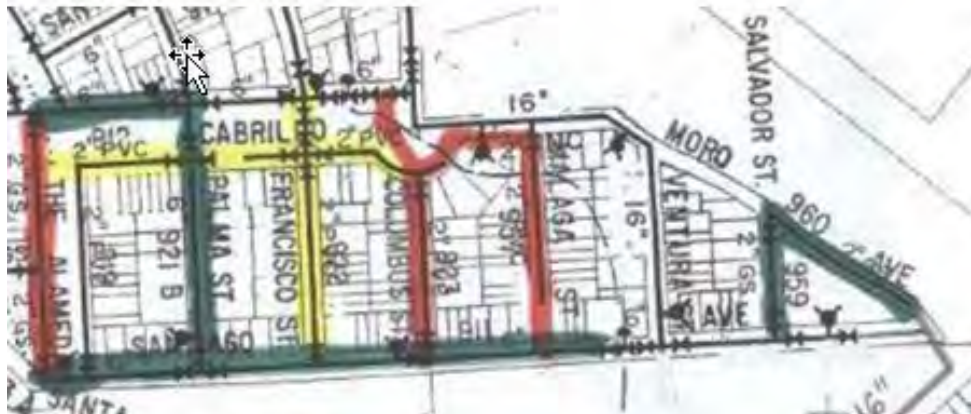
	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$725,000	246,000	479,000								

Description: The Avenue Cabrillo project replaces old, undersized PVC and galvanized mains in the area of El Granada shown in the sketch below (Red = Phase 1, Yellow = Phase 2, Green = Phase 3). This area has been plagued by numerous leaks and by low-pressure.

The project consists of 1) constructing 1,520 linear feet of 8-inch diameter and 8,560 linear feet of 6-inch diameter water pipelines to replace old, leaky pipelines, 2) replacing 8 existing fire hydrants and installing 3 new ones, and 3) replacing or reconnecting 149 existing customer water service pipelines.

The project was first placed on the CIP in FY 05/06. District Engineer Jim Teter completed the project documents, breaking construction into three phases in order to spread out the construction costs. The district awarded Phase 1 of the project to Stoloski & Gonzales in September 2012, and the contractor completed construction in February 2013.

Because Phase 1 addressed the most serious problems, timing for Phases 2 & 3 is somewhat flexible. It will be advantageous to complete this construction in the near future, however, before San Mateo County’s planned pavement overlay project.



06-02 Highway 1 South Pipeline Replacement Project

Pipeline Projects

Priority: 3 Replaces obsolete, substandard main and improves water service, fire protection, water quality.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$1,380,000					80,000	100,000	1,200,000			

Description: This project would replace about 3500 feet of 2 inch galvanized steel pipe running south along Highway 1 from Miramontes Point Road. 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 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.

District Engineer Teter completed design drawings for the replacement project in November 2008 and prepared an Engineer's Report detailing environmental and permitting requirements and suggesting possible alternatives to replacing the existing pipe with an 8 inch ductile iron main. The District will evaluate the alternatives further before proceeding with the replacement project.



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 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$1,150,000		75,000	75,000		1,000,000					

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.

Conditions of the San Francisco permit require the District to conduct a feasibility study for the permanent replacement pipeline and undertake an environmental evaluation of the replacement project by May 2014 and complete construction by November 2015. This work will require significant coordination between the District and SFPUC. Given the sensitivity of the Pilarcitos Canyon environment and regulatory interest in Pilarcitos stream flows, completion of the permanent replacement could take significantly longer than the three years contemplated in the permit. The temporary pipeline will serve the district's needs during this time.

The CIP budgets \$75,000 per year in FY 13/14 and FY 14/15 for the feasibility study, initial environmental review, and preliminary design. The FY 18/19 CIP includes a construction cost placeholder of \$1 million.

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 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
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.



10-01 Main Street Pipeline Replacement Project-Phase 3

Pipeline Projects

Priority: 1 This remaining section of 10 inch welded steel pipe restricts flow and pressure in the portion of the District south of Pilarcitos Creek. Failure of the pipe on the bridge would cause significant environmental damage and water loss.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$340,000		90,000	250,000							

Description: The El Granada Pipeline Replacement Project, completed in 2008, included replacing the existing 10 inch welded steel pipe along Main Street with a new 16 inch ductile iron pipeline. The section crossing Pilarcitos Creek, which is suspended from the Main Street bridge, was left out of the project because it was anticipated that the City of Half Moon Bay would construct a new bridge within a few years. The City is currently evaluating alternatives for repairing or replacing the bridge and anticipates moving forward with the project. As of March 2013, the City has not decided whether it will replace or repair the existing bridge. The schedule for design and construction of the District's pipeline replacement will depend on the City's project.



10-02 Bridgeport Drive Pipeline Replacement Project

Pipeline Projects

Priority: 1 This project is critical to the District's efforts to make maximum use of local water sources. It must be completed as soon as possible in order to comply with timing requirements of water rights permits for Denniston/San Vicente.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$950,000	110,000	840,000								

Description: The Denniston Water Treatment Plant has a capacity of 1000 gpm, but gravity flow from Denniston WTP into the rest of the District's system is limited to about 400 gpm by the existing 8 inch and 10 inch cast iron pipelines along Bridgeport Drive. This limitation precludes making maximum use of the District's economical local water source. The solution to this problem has two elements: 1) construction of a treated water booster station adjacent to the Denniston pump station, and 2) construction of a 3,500 foot, 12 inch ductile iron pipeline bypassing the Bridgeport Drive bottleneck.

This project (10-02) would construct the new pipeline. The Denniston treated water booster station is covered by CIP project 12-04.



12-02 Wave Valve Automation

Pipeline Projects

Priority: 3 Improves system operation, water quality due to better circulation control, employee safety.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$50,000				50,000						

Description: The Wave Valve, located on the 16 inch El Granada Pipeline adjacent to the Highway 1 frontage road near Wave Avenue, allows isolating the northern part of the District from the southern area. Closing the valve occasionally may be necessary for operational reasons. This project would retrofit the existing valve with an electrically operated actuator, eliminating a strenuous manual operation which raises safety concerns and providing operators with the ability to control the valve remotely in the event of an emergency or other operational need.



12-03 Crystal Springs Pipeline Air/Vacuum Relief Valves

Pipeline Projects

Priority: 1 Reduces water loss, protects critical infrastructure.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$20,000	20,000									

Description: This project replaces air/vacuum relief valves on the pipeline between Crystal Springs Pump Station and the Cahill Ridge surge tank. Valves which fail to function properly can leak water, reduce pipeline flow, or jeopardize pipeline integrity.

13-01 Miramar Drive Pipeline Connection

Pipeline Projects

Priority: 3 Improves circulation, water quality, service.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$50,000				50,000						

Description: This project provides a new pipeline bridging an approximate 400 foot gap between existing segments of 6 inch pipe along Miramar Drive below the Miramar Tank. The project would improve service to existing and future residences along Miramar Drive, improve water quality due to better circulation, and provide a second line to increase capacity between the Miramar Tank and the District's system. The Miramar Tank is currently connected only by a 6 inch line along Alto Avenue.



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

Pipeline Projects

Priority: 2 Prevents water loss and environmental damage, protects water quality.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$225,000	25,000	200,000								

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.

The objective of this project is to replace the section of pipe under the creek with a pipe running over the creek, possibly attached to the existing footbridge between the end of Pilarcitos Avenue and the shopping center.



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 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$3,100,000			100,000					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. We are currently addressing water quality concerns with a schedule of regular flushing, but the flushing itself raises additional issues, including discharge of treated water into Pilarcitos Creek.

Given its length and the challenges of construction along the busy highway, replacing this pipe will be expensive – on the order of several million dollars. Construction would occur in phases, beginning with the sections at highest risk for costly failures. The CIP budget for the project includes \$100,000 for planning in FY 15/16 and construction cost placeholders of \$1 million per year in FY 20/21 through FY 22/23.



14-26 Replace 2 Inch Pipe Downtown Half Moon Bay

Pipeline Projects

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

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
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 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
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 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$240,000						240,000				

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



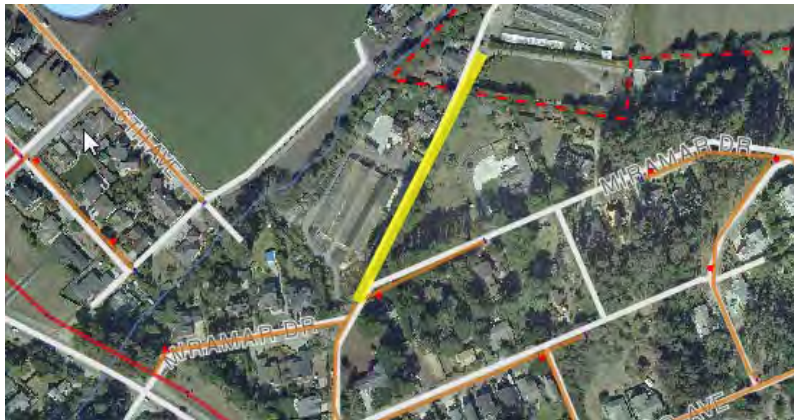
14-29 Replace 2 Inch GS Purisima Way

Pipeline Projects

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

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
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.



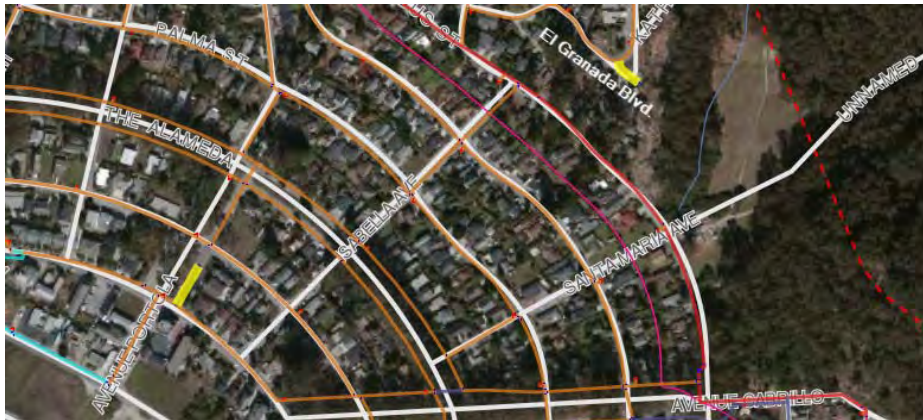
14-30 Replace Miscellaneous 2 Inch GS El Granada

Pipeline Projects

Priority: 3

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
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 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
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). It may be possible to abandon rather than replace the 360 foot section running in the undeveloped Ferdinand right-of-way between Vallejo and Columbus.



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 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
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

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$2,000,000							1,000,000	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.



06-04 Hazen's Tank Replacement

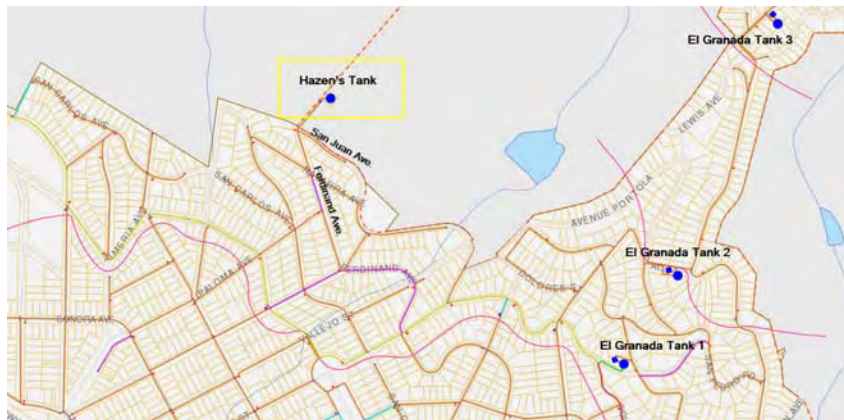
Pump Stations/Tanks/Wells

Priority: 1 Replaces essential district infrastructure.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$400,000	400,000									

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. The new tank will be a bolted steel tank.



08-14 AlvesTank Recoating, Interior + Exterior

Pump Stations/Tanks/Wells

Priority: 1 Maintains critical district infrastructure.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$400,000	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.

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).

Coastside County Water District Capital Improvement Program

Fiscal Year 2013/2014 to Fiscal Year 2022/2023

08-16 Cahill Tank Exterior Recoat

Pump Stations/Tanks/Wells

Priority: 3 Maintains essential district facilities

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$150,000			150,000							

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.

08-17 EG Tank #2 Recoat + Ladder

Pump Stations/Tanks/Wells

Priority: 1 Maintains essential district facilities.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$300,000	300,000									

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.

El Granada Tank #2 is a 150,000 gallon steel tank located at 431 El Granada Blvd.. District Engineer J. Teter prepared a January 2009 report indicating that the tank is structurally sound but requires repair of significant corrosion damage in some areas. This project provides for tank repairs, interior and exterior recoating, and additional upgrades, including a new tank ladder.

District Engineer Teter will complete the bid documents for this project in April 2013, and the work will be done in FY 13/14. The project will be challenging due to the steepness and small size of the site and the need to provide a temporary storage tank before taking the existing tank out of service.

08-18 EG Tank #3 Recoating Interior + Exterior

Pump Stations/Tanks/Wells

Priority: 1 Maintains essential district facilities.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$260,000		260,000								

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.

El Granada Tank #3 is a 250,000 gallon steel tank located at 712 El Granada Boulevard. It supplies the District's highest elevation zone. District Engineer J. Teter completed an inspection report for the tank in January 2009. The inspection found the tank structurally sound and in need of exterior and interior recoding to prevent corrosion.

09-18 New Pilarcitos Well

Pump Stations/Tanks/Wells

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

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
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 \$4.35 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 CSPS Stainless Steel Inlet Valves

Pump Stations/Tanks/Wells

Priority: 3 Maintains essential district infrastructure.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
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.

11-03 Miramar Tank Altitude Valve Replacement

Pump Stations/Tanks/Wells

Priority: 2 Maintains essential district facilities, prevents water loss

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$30,000	30,000		0							

Description: This project provides for replacement of the altitude valve on Miramar Tank. The altitude valve prevents overfilling of the reservoir and the resulting loss of water.

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

Pump Stations/Tanks/Wells

Priority: 1 Maintains essential District facilities.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$200,000					200,000					

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 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$200,000							200,000			

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.

12-06 CSPS Surge Tank Control Improvements

Pump Stations/Tanks/Wells

Priority: 1 Replaces essential systems and improves worker safety.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$80,000	80,000									

Description: The large pumps at the Crystal Springs Pump Station discharge through a large underground hydropneumatic tank which buffers pressure surges as the pumps start and stop. The water level probes designed to control the level of the air-water interface in the tank are not working, requiring District staff to enter the underground vault more frequently and creating safety concerns.

This project will provide new electronic water level probes and bring the surge tank controls into the pump station's automated control system, giving operators the ability to monitor the tank remotely and eliminating the need to open and enter the tank vault.

12-09 EG Tank #2 Fence Replacement

Pump Stations/Tanks/Wells

Priority: 1 Maintains security of essential District facilities.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$25,000	25,000									

Description: This project replaces the fence surrounding El Granada Tank #2 with a new fence meeting the District's current appearance and security standards.

Coastside County Water District Capital Improvement Program

Fiscal Year 2013/2014 to Fiscal Year 2022/2023

12-11 Miramar Tank Fence Replacement

Pump Stations/Tanks/Wells

Priority: 1

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$25,000	25,000									

Description:

13-08 Crystal Springs Spare 350 HP Pump & Motor

Pump Stations/Tanks/Wells

Priority: 2 Ensures reliability of critical facilities.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$100,000	50,000				50,000					

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 would provide a spare 350 HP pump and motor which could replace either of the operating 350 HP units in the event of a failure. The pump and motor will be purchased in FY 13/14 and FY 17/18, respectively.

13-11 EG Tank #1 & Tank #2 Emergency Generators

Pump Stations/Tanks/Wells

Priority: 1 Ensures adequate water supplies, fire flows.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$275,000			75,000	200,000						

Description: The pump station at El Granada (EG) Tank #1 lifts water to EG Tank #2, where the EG Tank #2 pump station pumps the water further up El Granada Boulevard to EG Tank #3. In the event of a power failure at EG Tank #1, the higher elevation areas served by tanks 2 and 3 would have only the limited supply (400,000 gallons) contained in those tanks. This would significantly reduce the system's ability to provide adequate fire flows.

This project will provide emergency generators and associated switchgear for the EG Tank #1 and EG Tank #2 pump stations.

14-17 Crystal Springs Pump Station Electrical Controls Upgrades

Pump Stations/Tanks/Wells

Priority: 1 Required for operational flexibility, compliance with safety regulations.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$50,000	50,000									

Description: In order to switch the existing main circuit breakers for the large pumps at Crystal Springs Pump Station, operators must open the electrical cabinets. Electrical safety standards promulgated since the Crystal Springs station was built recognize the hazards of exposure to unshielded conductors within electrical cabinets and require that cabinets be opened only by trained, qualified personnel wearing specified protective equipment. It is not practical for the District to bring in specialized personnel each time these breakers must be operated.

This project addresses significant safety and operational flexibility issues by modifying Crystal Springs pump switchgear to allow switching the main circuit breakers from outside the electrical cabinets.

14-18 Crystal Springs Pump Station Spare 12 Inch Check Valve

Pump Stations/Tanks/Wells

Priority: 3 Improves operational reliability of critical facilities.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$25,000		25,000								

Description: A discharge check valve on each of the three pumps at Crystal Springs Pump Station prevents water from flowing back through the pump into the pump station wet well when the pump is off. Because the failure of a single check valve can significantly reduce capacity of the pump station by taking a pump out of service, and because the valves are long-lead items, it is desirable to maintain a spare valve. This project provides for the purchase of a spare check valve.

14-23 Alves Tank Generator Enclosure

Pump Stations/Tanks/Wells

Priority: 2 Maintains essential district facilities.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$15,000	15,000									

Description: This project replaces the corrosion-damaged emergency generator enclosure at the Alves tank site. In the event of a power failure, the generator supplies power for the pumps that lift water from Alves to the Miramontes Tank, which serves the Moonridge subdivision.

12-12 San Vicente Diversion and Pipeline

Water Supply Development

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

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
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. 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).

This project includes \$300,000 in funding for design in FY 13/14 and \$2 million for construction in FY 14/15 and FY 15/16

13-12 CCWD-MWSD Emergency Intertie – Planning

Water Supply Development

Priority: 3 Enhances water supply reliability

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$25,000	25,000									

Description: In October 2010, Coastside County Water District and Montara Water and Sanitary District signed an Agreement for Emergency Water Supply providing for the agencies to provide each other with a temporary, interruptible water supply in the event of a water shortage emergency. The agreement does not specify the means by which the emergency supply would be provided. There is currently no point of connection between the two water systems.

This project provides funding for the District's share of planning and preliminary engineering for an intertie between the CCWD and MWSD systems

14-24 Denniston/San Vicente EIR & Permitting

Water Supply Development

Priority: 1 Essential to the District's efforts to secure vital local water sources.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$200,000	100,000	50,000	50,000							

Description: Preparing an Environmental Impact Report (EIR) for the Denniston/San Vicente Water Supply Project is a key element of the District's efforts to secure its rights to vital local water supply sources. Given the environmental sensitivity of the Denniston and San Vicente watersheds and the number of interested parties – the State Water Resources Control Board, farmers, the National Park Service, Montara Water and Sanitary District, Peninsula Open Space Trust, California Department of Fish and Game, National Marine Fisheries Service, San Mateo County, the California Coastal Commission, and others – completing the EIR and obtaining permits for the District's projects and water diversions will require significant resources. This project provides funding for work on Denniston/San Vicente by the District's EIR consultant, water rights counsel, legal counsel, hydrology consultants, biologists, fisheries consultants, and others.

14-25 Water Shortage Plan Development

Water Supply Development

Priority: 1 Ensures the district will be able to meet customer needs, equitably recover revenue, and manage water supplies during a water shortage.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$200,000	50,000	50,000	100,000							

Description: Although the District has a Drought Contingency Plan which broadly specifies actions to be taken in response to various levels of water shortage, the District does not have in place the policies, procedures, and administrative infrastructure to efficiently control water demand, ensure equitable revenue recovery, and provide increased levels of customer service during a severe water shortage. The District's utility billing software, for example, does not have the capability to bill each customer based on the customer's water allocation or to apply surcharges for use exceeding the allocation. In addition, the District needs to establish a water shortage rate structure.

This project provides funding for a multi-year effort aimed at preparing the District to manage water shortages. Elements of this effort include:

- Conducting a drought rate study.
- Implementing a drought rate and fee schedule through the required public input and board decision-making processes.
- Reviewing and obtaining public input on water allocations to classes of users.
- Identifying and evaluating alternatives for modifying or replacing the District's utility billing software.
- Implementing new or revised utility billing software.
- Developing plans for the significant increase in billing and customer service resources that would be required during a water shortage.

08-06 Nunes Filter to Waste System

Water Treatment Plants

Priority: 2 Improves Nunes Water Treatment Plant operational flexibility and reliability.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$80,000				80,000						

Description: This project would provide piping and controls to allow diversion of Nunes filter effluent to the backwash holding ponds. The capability to temporarily divert water which does not meet drinking water standards increases the operational flexibility of the plant, giving operators the ability to stabilize the filter process rather than shutting the plant down.

Coastside County Water District Capital Improvement Program

Fiscal Year 2013/2014 to Fiscal Year 2022/2023

08-07 Nunes Filter Valve Replacement

Water Treatment Plants

Priority: 3 Maintains essential District facilities.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$150,000						30,000	30,000	30,000	30,000	30,000

Description:

12-04 Denniston Treated Water Booster Station

Water Treatment Plants

Priority: 1 This project is critical to the District's efforts to make maximum use of local water sources. It must be completed as soon as possible in order to comply with timing requirements of water rights permits for Denniston/San Vicente.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$600,000	600,000									

Description: The Denniston Water Treatment Plant has a capacity of 1000 gpm, but gravity flow from Denniston WTP into the rest of the District's system is limited to about 400 gpm by the existing 8 inch and 10 inch cast iron pipelines along Bridgeport Drive. This limitation precludes making maximum use of the District's economical local water source. The solution to this problem has two elements: 1) construction of a treated water booster station adjacent to the Denniston pump station, and 2) construction of a 3,500 foot, 12 inch ductile iron pipeline bypassing the Bridgeport Drive bottleneck.

This project (12-04) would construct the new pump station. The Bridgeport pipeline replacement is covered by CIP project 10-02.

12-05 Nunes Access Road Repaving

Water Treatment Plants

Priority: 1 Ensures continued reliable delivery of essential Nunes Water Treatment Plant chemicals and supplies.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$100,000	100,000									

Description: Over the last several years, the pavement on the steep access road to the Nunes water treatment plant has deteriorated significantly. The road's condition represents a hazard for the heavy trucks delivering essential chemicals and supplies to the plant, and the deterioration accelerates as the pavement breaks down. Frequent patching has kept the road serviceable, but it is now necessary to resurface it.

12-14 Nunes - Hydropneumatic System Improvements

Water Treatment Plants

Priority: 1 Improves water treatment plant reliability and efficiency.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$40,000	40,000									

Description: Following modifications that removed emergency generator cooling water demand from the Nunes plant utility water system, capacity of the existing large utility water pumps and hydropneumatic tank exceeds the plant's needs. This results in excessive pump starts and high power consumption. This project would replace the existing pumps with units sized to current needs and upgrade utility water system controls.

13-04 Denniston Reservoir Restoration

Water Treatment Plants

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

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
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 currently under preparation for the Denniston/San Vicente Water Supply Project includes consideration of Denniston reservoir dredging.



13-05 Denniston WTP Emergency Power

Water Treatment Plants

Priority: 2 Improves water supply reliability, emergency preparedness.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
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.

14-02 Nunes - Replace Sludge Pond Media

Water Treatment Plants

Priority: 2 Maintains essential District facilities.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$50,000	25,000	25,000								

Description: The Nunes Water Treatment Plant facilities include two backwash solids drying ponds. Filter backwash water flows to the ponds, where the water drains through a bed of sand and gravel media, leaving concentrated sludge solids on the surface of the media. The clarified water returns to the plant influent. Solids deposited on the surface of the media dry and are removed for disposal. Over time, solids penetrate the media and the mechanical equipment used to remove the solids breaks down the media, reducing drying performance and necessitating media replacement.

This project will replace the media in the Nunes backwash ponds over a two-year period from FY 13/14 to FY 14/15.

14-04 Denniston - Dust Control

Water Treatment Plants

Priority: 2 Maintains essential District facilities.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$10,000	10,000									

Description: The Denniston Water Treatment Plant site is unpaved, and vehicle traffic and wind can raise dust. The dust interferes with sensitive equipment and instruments. This project provides for application of a dust control agent on the Denniston site.

14-06 Nunes - New 1720E Turbidimeters (4)

Water Treatment Plants

Priority: 1 Improves treatment plant reliability.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$35,000		35,000								

Description: This project would replace existing Nunes water treatment plant turbidity meters. The manufacturer no longer supports the model currently installed, making it more difficult to keep the units and reliable service.

14-07 Nunes - New Surface Scatter 7 Turbidimeter

Water Treatment Plants

Priority: 1 Improves treatment plant reliability.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$7,000	7,000									

Description: The Nunes plant's existing raw water turbidity meter is not appropriate for an application with higher solids, resulting in frequent plugging. This project would supply a surface scatter turbidity meter, which is more suitable for use with raw water.

14-08 Nunes - New Storage Container

Water Treatment Plants

Priority: 3 Equipment replacement.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$7,000	7,000									

Description: Replaces rusted out shipping container used for storage at the Nunes treatment plant.

14-10 Nunes - Emergency Power Switchgear

Water Treatment Plants

Priority: 1 Replaces critical water treatment plant emergency power equipment.

	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$30,000	30,000									

Description: The emergency power transfer switch at the Nunes water treatment plant switches the plant to emergency power in the event of a power failure but does not work automatically to return to utility power when the power is restored. The switchgear supplier has determined that the existing unit cannot be repaired, necessitating its replacement.

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 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Total Budgeted: \$343,500	60,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	3,500	35,000

Description: This CIP item provides funding for annual maintenance dredging of Denniston Reservoir. The budget for FY 13/14 is higher to provide for planned reestablishment of the creek channel.

RECEIVED

APR 24 2013

COASTSIDE COUNTY
WATER DISTRICT

Geir Tonnessen
Account number: [REDACTED]
775 Railroad Ave.
Half Moon Bay
CA 94019

22 April, 2013

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

Account number: [REDACTED]

PROTEST AGAINST PROPOSED RATE INCREASES

I hereby protest against the frequent rate increases, including the latest one proposed to take effect from July 1, 2013.

I have lived in many different parts of the United States, as well as in Europe, but never experienced a more mismanaged water company than Coastside County Water District.

It is about time that a more professional management is put in place in order to start cutting and controlling costs. That rate increases are necessary for new investments to take place is just another excuse for mediocre management practices. Most companies that are well-managed put into place sound practices whereby they are able to allocate funds for new investment through their regular revenues. Not so at Coastside County Water District unfortunately. We are tired of the frequent rate increases and would strongly suggest that a more professional management is put in place.

I also think that your hearing tactics are despicable. I would suggest that next time you consider a price increase, the burden of proof is put on those who favor a rate increase, rather than the other way around.

Yours sincerely,

Geir Tonnessen
Geir Tonnessen

Coastside Water
766 Main Street
Half Moon Bay, Ca 94019

RECEIVED

APR 24 2013

COASTSIDE COUNTY
WATER DISTRICT

I am against the water
increase. We have a high
rate as it is.

I try to conserve water, and only
to get an increase.

Enough!

Maria Elwood
2294 Winged Foot
Half Moon Bay, Ca 94019

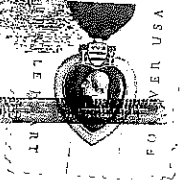
(Fixed income)

EXHIBIT E

Nancy Rapp
2131 Saint Andrews Road
Halfmoon Bay, CA 94019

SAN FRANCISCO CA 940

24 APR 2013 8:51 L

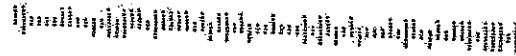


RECEIVED

APR 25 2013

COASTSIDE COUNTY
WATER DISTRICT

General Manager
Coastside Co. Water District
766 Main Street
Half Moon Bay, Ca 94019



L'AUBERGE
CARMEL

HOTEL & RESTAURANT

April 23, 2013

To Whom It May Concern:

Subject to the proposed
rate increase.

Nancy Rapp
2131 St. Andrews Road
Half Moon Bay, Ca
94019

Acct # [REDACTED]

RECEIVED

APR 25 2013

COASTSIDE COUNTY
WATER DISTRICT

Tel 831 · 624 · 8578 · Fax 831 · 626 · 1018
Monte Verde at Seventh · Carmel-by-the-Sea, California 93921
www.laubergercarmel.com



APR 30 2013

COASTSIDE COUNTY
WATER DISTRICT

Coastside Water District

April 27, 2013

To Whom It May Concern:

The purpose of this letter is to protest the proposed 2013-2014 rate increase for water services.

I am on a fixed income and the proposed increase will pose a financial burden to my household. Please do not impose this rate increase

Thank you.

Sincerely,

Isaac R. Ruiz

Isaac R. Ruiz
1585 Mizzan Lane
Half Moon Bay, CA 94019

RECEIVED

APR 26 2013

COASTSIDE COUNTY
WATER DISTRICT

Dr. Jack P. Dvorkin
80 Patrick Way
Half Moon Bay, CA 94019
dvorkin@stanford.edu

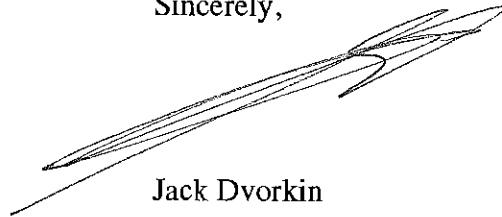
April 23, 2013

To: General Manager, Coastside County Water District
Re: Proposed increase in the water rates

Dear Sir/Madam:

I strongly protest the proposed increase in the District's water rates. Instead of overcharging the customers, the District and the Board of Directors should address the efficiency of their operations and reduce the cost by improving this efficiency.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jack Dvorkin', written over a horizontal line.

Jack Dvorkin

EXHIBIT E
RECEIVED

APR 26 2013

COASTSIDE COUNTY
WATER DISTRICT

General Manager, Costside County Water District.

4/24/2013

I protest the proposed rate increase, based on the installed Meter size. The rate of water consumption should be used instead thereby giving an incentive to customers to reduce consumption. The size of meters only affects initial cost. Yes, the bigger meters can deliver more water than smaller ones, but if a consumer with a bigger meter size does not use more water than a consumer with a smaller size, they should pay the same.

Regards,



Gerhard Schneider

RECEIVED

Warren W Jones
PO Box 2267
El Granada, CA 94018

APR 26 2013
COASTSIDE COUNTY
WATER DISTRICT

April 24, 2013

RE: Proposed rate hike; account # [REDACTED], service address: 918 Malaga Street, El Granada, CA

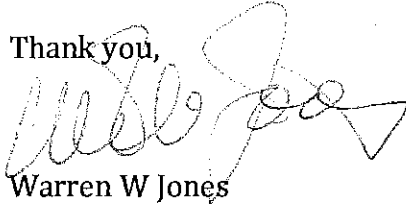
Coastside County Water District Office
766 Main Street
Half Moon Bay, CA 94019

I am writing to protest the proposed rate increase. We are using less water than we used last year, but are paying more for our water than we did last year.

The expectation that the District will raise water rates every two years is ill-considered and burdensome, especially in the current financial environment.

The District should cancel the proposed rate increase.

Thank you,



Warren W Jones

EXHIBIT E
RECEIVED

Letter to Coast county water

Thursday, May 02, 2013
3:04 PM

MAY 15 2013

COASTSIDE COUNTY
WATER DISTRICT

To whom it may concern

**I am the property owner at 412 Granelli Ave, Half Moon Bay.
I have owned this property since 1964. Both my wife and I live in this
property. We are both retired and in our 80's. We are on a fixed
income and cannot afford these increased charges. We are very
careful with the water we use. We always wash our clothes in cold
water, we do not use our dishwasher. I only water the lawn after it
has been hot.**

**I therefore want to protest the proposed increase We are doing
everything we can to reduce our water usage.**

Thanks you  James W. Howell

EXHIBIT E
RECEIVED

MAY 15 2013

COASTSIDE COUNTY
WATER DISTRICT

5/14/13

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

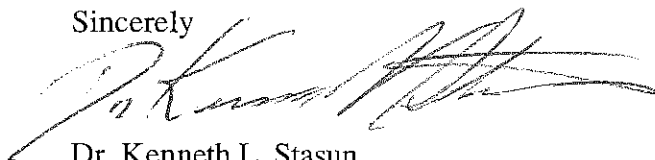
Dear Coastside County Water District,

Please consider this letter a protest to the proposed water rate increases. There are several reasons that the increases should not be implemented. Some are as follows:

1. Most families still feel the strains of a down economy and their finances are stretched to the max.
2. Watering and irrigation are a green thing. Plants reduce CO2 emissions.
3. Keeping vegetation green lowers fire hazards.
4. Landscaped houses raise property values, which in turn increases property taxes.
5. Families that have a few more dollars in their pocket will spend the money, often locally boosting business and sales tax revenue.

Raising water bills discourages irrigation, raises crop prices, and increases fire hazards.

Sincerely



Dr. Kenneth L. Stasun
423 Johnston St.
Half Moon Bay, CA 94019

May 21, 2013

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

RECEIVED
MAY 28 2013
COASTSIDE COUNTY
WATER DISTRICT

Attention: General Manager,

I am writing in protest of your consideration of up to a 9% increase in residential rates for water users. We consider this a hardship as we are retired and have made every effort to conserve on our water usage to keep our bill as low as possible. Many people living on the Coastside are either retired or out of work and these dire economic times do not justify an increase at this time. Many people have either had a reduction in pay or no raise in several years.

You state in your Notice of Public Hearing, that *this proposed rate increase is necessitated by a projected increase in operating expenses, including increased wholesale water rates from San Francisco Public Utilities Commission, and by financing costs for the District's Capital Improvement Program.* If you are talking about raises for your employees, then we are vehemently opposed to any increase. We can understand increases in wholesale water rates but that would be it. The other reasons are not practicable at this time.

We are also very concerned that you would propose an increase since we just had an increase within the last several years. At that time the letter that you sent your customers stated that one of the reasons for an increase was because users conserved so well. It seemed at the time that your customers were penalized for conserving and that just doesn't make sense. However, the rate increase went forward and our bill went up. We tried to conserve even more but it didn't matter.

We request that this increase be put on hold for at least two years. And that you reassess and re-prioritize the needs of the water district at that time. Thank you for your consideration of our request.

Sincerely,

Robert and Anzette Adella
631 Valencia Ave.
Del Mar, Ca 94018

May 20, 2013

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

RECEIVED
MAY 28 2013
COASTSIDE COUNTY
WATER DISTRICT

Attention: General Manager,

I received your Notice of Public Hearing to increase the residential water rates. I am protesting this increase because at this time with the economic picture nation-wide, a rate increase would be too much of a burden on the property owners of the Coastside. Many are retired or out of a job.

At this time, Half Moon Bay has the highest tax rate in the State of California and we don't need any more increases for any reason in any area. I just don't believe it is in the best interest for anyone.

Water is a necessity and I do not support raising the rates at this time. Many people are out of work and an increase would be an added hardship in these difficult times.

Thank you for taking the time to consider my request.

Sincerely,

Charles Gragg
529 Terrace Ave
Half Moon Bay, CA 94019

May 23, 2013

RECEIVED
MAY 28 2013
COASTSIDE COUNTY
WATER DISTRICT

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 of 9%. I am a retiree and any increase would prove to be a hardship for me and others in my circumstance.

The Coastside residents have already had an increase in water rates and I'm sure that the majority felt at that time, that because of our national fiscal crisis we would not see another increase for many, many years.

Please put this increase on hold for a while, it's the right thing to do.

Sincerely,

Marion G. Plin
500 RUISSBAU FRANCAIS AVE
HALF MOON BAY CA. 94019

May 23, 2013

RECEIVED
MAY 28 2013
COASTSIDE COUNTY
WATER DISTRICT

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. I am a retiree and any increase would prove to be a hardship for me and others in my circumstance.

The Coastside residents have already had an increase in water rates and I'm sure that the majority felt at that time, that because of our national fiscal crisis we would not see another increase for many, many years.

Please put this increase on hold for a while, it's the right thing to do.

Sincerely,

Alice Meilleur
25 Ocean View Ave.
Half Moon Bay, CA 94019

May 17, 2013

RECEIVED
MAY 28 2013
COASTSIDE COUNTY
WATER DISTRICT

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

Attention: General Manager,

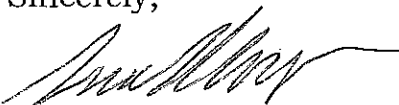
I received your Notice of Public Hearing to increase the residential water rates. I am protesting this increase because at this time with the economic picture nation-wide, a rate increase would be too much of a burden on the property owners of the Coastside. Many are retired or out of a job.

At this time, Half Moon Bay has the highest tax rate in the State of California and we don't need any more increases for any reason in any area. I just don't believe it is in the best interest for anyone.

Water is a necessity and I do not support raising the rates at this time. Many people are out of work and an increase would be an added hardship in these difficult times.

Thank you for taking the time to consider my request.

Sincerely,



Scott Donegan
2006 Truman
Chowchilla, CA 93610

(707 The Alameda, El Granada, CA 94018)

May 21, 2013

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

RECEIVED
MAY 28 2013
COASTSIDE COUNTY
WATER DISTRICT

Attention: General Manager,

I am writing in protest of your consideration of up to a 9% increase in residential rates for water users. I consider this a hardship as a retiree and have made every effort to conserve on water usage to keep my bill as low as possible. Many people living on the Coastside are either retired or out of work and these dire economic times do not justify an increase at this time. Many people have either had a reduction in pay or no raise in several years.

You state in your Notice of Public Hearing, that *this proposed rate increase is necessitated by a projected increase in operating expenses, including increased wholesale water rates from San Francisco Public Utilities Commission, and by financing costs for the District's Capital Improvement Program.* If you are talking about raises for your employees, then I am vehemently opposed to any increase. I can understand increases in wholesale water rates but that would be it. The other reasons are not practicable at this time.

I am also very concerned that you would propose an increase since your customers just had an increase within the last several years. At that time the letter that you sent your customers stated that one of the reasons for an increase was because users conserved so well. It seemed at the time that your customers were penalized for conserving and that just doesn't make sense. However, the rate increase went forward and my bill went up. I tried to conserve even more but it didn't matter.

I request that this increase be put on hold for at least two years. And that you reassess and re-prioritize the needs of the water district at that time. Thank you for your consideration of my request.

Sincerely,

Mrs Marina Groser

41 Sea Crest PO Box 43

El Granada Ca 94018-0043.

May 11, 2013

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

RECEIVED
MAY 28 2013
COASTSIDE COUNTY
WATER DISTRICT

Attention: General Manager,

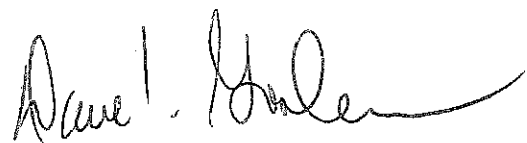

I am writing in protest of your consideration of up to a 9% increase in residential rates for water users. I consider this a hardship and have made every effort to conserve on water usage to keep my water bill as low as possible. Many people living on the Coastside are either retired or out of work and these dire economic times do not justify an increase at this time. Many people have either had a reduction in pay or no raise in several years.

You state in your Notice of Public Hearing, that *this proposed rate increase is necessitated by a projected increase in operating expenses, including increased wholesale water rates from San Francisco Public Utilities Commission, and by financing costs for the District's Capital Improvement Program.* If you are talking about raises for your employees, then I am vehemently opposed to any increase. I can understand increases in wholesale water rates but that would be it. The other reasons are not practicable at this time.

I am very concerned that you would propose an increase since we just had an increase within the last several years. At that time the letter that you sent your customers stated that one of the reasons for an increase was because users conserved so well. It seemed at the time that your customers were penalized for conserving water and that just doesn't make sense. However, the rate increase went forward and my bill went up. I tried to conserve even more but it didn't matter.

I request that this increase be put on hold for at least two years. And that you reassess and re-prioritize the needs of the water district at that time. Thank you for your consideration of my request.

Sincerely,



404 GRANELLI AVE HMB

May 21, 2013

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

RECEIVED
MAY 28 2013
COASTSIDE COUNTY
WATER DISTRICT

Attention: General Manager,

I am writing in protest of your consideration of up to a 9% increase in residential rates for water users. We consider this a hardship as we are retired and have made every effort to conserve on our water usage to keep our bill as low as possible. Many people living on the Coastside are either retired or out of work and these dire economic times do not justify an increase at this time. Many people have either had a reduction in pay or no raise in several years.

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We are also very concerned that you would propose an increase since we just had an increase within the last several years. At that time the letter that you sent your customers stated that one of the reasons for an increase was because users conserved so well. It seemed at the time that your customers were penalized for conserving and that just doesn't make sense. However, the rate increase went forward and our bill went up. We tried to conserve even more but it didn't matter.

We request that this increase be put on hold for at least two years. And that you reassess and re-prioritize the needs of the water district at that time. Thank you for your consideration of our request.

Sincerely,

Auson M. Alden
Carl Y. Giff

60 SEA CREST CT
EL GRANADA, CA 94018

Parcel ID 037-352-140

May 11, 2013

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

RECEIVED
MAY 28 2013
COASTSIDE COUNTY
WATER DISTRICT

Attention: General Manager,

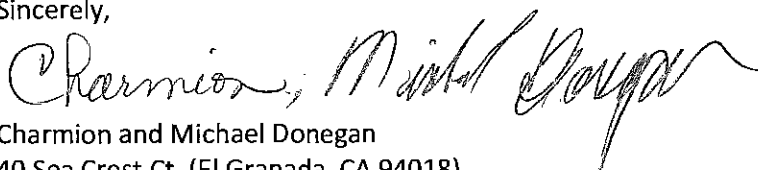
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We request that this increase be put on hold for at least two years. And that you reassess and re-prioritize the needs of the water district at that time. Thank you for your consideration of our request.

Sincerely,


Charmion and Michael Donegan
40 Sea Crest Ct. (El Granada, CA 94018)
Half Moon Bay, CA 94019

Parcel Number 037-352-160

I am writing to formally register my opposition to the proposed rate increase schedule to be discussed at the public hearing June 11, 2013.

My account information is as follows:

Fred Goetzke
122 Cypress Point Road
Half Moon Bay, CA 94019

Account #: [REDACTED]

RECEIVED

MAY 31 2013
COASTSIDE COUNTY
WATER DISTRICT

FG [Signature]

Rupinder Singh
735 Third Avenue,
Half Moon Bay, CA 94019

May 31, 2013

RECEIVED

JUN 04 2013

COASTSIDE COUNTY
WATER DISTRICT

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

Dear Sir/Madam,

Re: Proposed Water Rate Hike


I am writing to formally protest the increase in water service rates. While living in Half Moon Bay for the past seven and a half years, I have seen regular increases in rates paid by residents for all forms of utility services, far in excess of the rate of inflation. This is an annual ritual – every year in the spring I get a notice that my water rates are going up. Surely you could look at some cost savings in your organization before burdening your captive client base yet again.

Even worse, the reasons provided for the increase is couched in such legalese and general terms that one cannot really figure out if the rate increase is justified.

My residential address is 735 Third Avenue in Half Moon Bay.

Thank you for your consideration.

Regards,


Rupinder Singh

Accounts Payable

Checks by Date - Summary By Check Number

User: gbrazil
 Printed: 6/3/2013 - 4:44 PM



Check Number	Vendor No	Vendor Name	Check Date	Void Checks	Check Amount	
18797	CHE01	CHEVRON/TEXACO UNIVERS	05/02/2013	0.00	2,520.49	
18798	COA15	COASTSIDE NET, INC	05/02/2013	0.00	130.59	
18799	COM02	COMCAST	05/02/2013	0.00	137.57	
18800	HAS01	HASSETT HARDWARE	05/02/2013	0.00	3,197.91	
18801	PAC06	PACIFICA COMMUNITY TV	05/02/2013	0.00	250.00	
18802	ALL04	ALLIED WASTE SERVICES #9:	05/09/2013	0.00	333.63	
18803	ASS01	HEALTH BENEFITS ACWA/JPI	05/09/2013	0.00	22,262.71	
18804	ATT02	AT&T	05/09/2013	0.00	1,864.95	
18805	EMP01	EMPLOYMENT DEV. DEPT.	05/09/2013	0.00	884.00	
18806	HAR03	HARTFORD LIFE INSURANCE	05/09/2013	0.00	1,827.66	
18807	ICM01	VANTAGEPOINT TRANSFER /	VOID	05/09/2013	40.00	0.00
18808	KAI01	KAISER FOUNDATION HEAL	05/09/2013	0.00	9,959.00	
18809	PAC01	PACIFIC GAS & ELECTRIC CO	05/09/2013	0.00	25,092.91	
18810	PUB01	PUB. EMP. RETIRE SYSTEM	05/09/2013	0.00	18,607.52	
18811	SAN20	SAN FRANCISCO FIRE CREDI	05/09/2013	0.00	300.00	
18812	STA03	CA DPH DRINKING WATER PI	05/09/2013	0.00	90.00	
18813	VAL01	VALIC	05/09/2013	0.00	1,400.00	
18814	ICM01	VANTAGEPOINT TRANSFER /	05/10/2013	0.00	40.00	
18815	COU05	RECORDER'S OFFICE	05/15/2013	0.00	50.00	
18816	UB*01138	NATE/CARRIE JONES	05/17/2013	0.00	159.85	
18817	COU05	RECORDER'S OFFICE	05/24/2013	0.00	18.00	
18818	ACC01	ACCESS UNIFORMS INC.	05/28/2013	0.00	529.72	
18819	ADP01	ADP, INC.	05/28/2013	0.00	475.00	
18820	ADV02	FRANK YAMELLO	05/28/2013	0.00	235.00	
18821	ALL01	ALLIANCE FOR WATER EFFIC	05/28/2013	0.00	200.00	
18822	ATT03	AT&T LONG DISTANCE	05/28/2013	0.00	209.27	
18823	AZT01	AZTEC GARDENS, INC.	05/28/2013	0.00	190.00	
18824	BAL04	BALANCE HYDROLOGICS, IN	05/28/2013	0.00	9,721.32	
18825	BAR01	BARTKIEWICZ, KRONICK & S	05/28/2013	0.00	821.10	
18826	BAY05	BAY AREA WATER SUPPLY &	05/28/2013	0.00	679.20	
18827	BAY10	BAY ALARM COMPANY	05/28/2013	0.00	1,638.03	
18828	BRE01	CATHLEEN BRENNAN	05/28/2013	0.00	70.00	
18829	CAL08	CALCON SYSTEMS, INC.	05/28/2013	0.00	9,641.47	
18830	CAR02	CAROLYN STANFIELD	05/28/2013	0.00	485.00	
18831	CHE01	CHEVRON/TEXACO UNIVERS	05/28/2013	0.00	2,284.39	
18832	CIN01	CINTAS FIRST AID & SAFETY	05/28/2013	0.00	390.14	
18833	COA19	COASTSIDE COUNTY WATER	05/28/2013	0.00	265.61	
18834	COR04	CORRPRO COMPANIES, INC.	05/28/2013	0.00	1,760.00	
18835	CSG01	CSG SYSTEMS, INC	05/28/2013	0.00	2,278.51	
18836	CUL01	CULLIGAN SANTA CLARA, C	05/28/2013	0.00	160.20	
18837	CUR01	CURLEY & RED'S INC. BODY :	05/28/2013	0.00	2,607.61	
18838	DAL01	DAL PORTO ELECTRIC	05/28/2013	0.00	519.74	
18839	DAY01	DAY-TIMERS, INC.	05/28/2013	0.00	48.40	
18840	ENR01	ENRIQUEZ MD, JOSEFINA	05/28/2013	0.00	125.00	
18841	FIR06	FIRST NATIONAL BANK	05/28/2013	0.00	3,024.95	

Check Number	Vendor No	Vendor Name	Check Date	Void Checks	Check Amount
18842	GEN03	GENERAL CHEMICAL PERFOI	05/28/2013	0.00	5,294.08
18843	GRA03	GRAINGER, INC.	05/28/2013	0.00	1,774.14
18844	HAL01	HMB BLDG. & GARDEN INC.	05/28/2013	0.00	152.52
18845	HAL04	HALF MOON BAY REVIEW	05/28/2013	0.00	450.00
18846	HAL24	H.M.B.AUTO PARTS	05/28/2013	0.00	20.88
18847	HAN01	HANSONBRIDGETT. LLP	05/28/2013	0.00	6,019.70
18848	HAR02	HARRINGTON INDUSTRIAL P	05/28/2013	0.00	1,210.63
18849	HAR03	HARTFORD LIFE INSURANCE	05/28/2013	0.00	1,827.66
18850	HOM01	HOME DEPOT	05/28/2013	0.00	1,525.95
18851	ICM01	VANTAGEPOINT TRANSFER /	05/28/2013	0.00	40.00
18852	IRO01	IRON MOUNTAIN	05/28/2013	0.00	342.22
18853	IRV01	IRVINE CONSULTING SERVIC	05/28/2013	0.00	1,565.00
18854	IRV02	IRVINE CONSULTING SERVIC	05/28/2013	0.00	89.87
18855	JOH04	JOHN BARBER	05/28/2013	0.00	200.00
18856	KEN03	KENNEDY/JENKS CONSULTA	05/28/2013	0.00	25,399.33
18857	LOM01	GLENNA LOMBARDI	05/28/2013	0.00	86.00
18858	MET06	METLIFE SBC	05/28/2013	0.00	1,331.38
18859	MIS01	MISSION UNIFORM SERVICES	05/28/2013	0.00	212.66
18860	MON07	MONTEREY COUNTY LAB	05/28/2013	0.00	5,039.00
18861	OFF01	OFFICE DEPOT	05/28/2013	0.00	719.72
18862	ONT01	ONTRAC	05/28/2013	0.00	345.03
18863	PAC01	PACIFIC GAS & ELECTRIC CO	05/28/2013	0.00	19.05
18864	PAC09	PACIFIC WATER RESOURCES	05/28/2013	0.00	7,945.23
18865	PAU01	PAULO'S AUTO CARE	05/28/2013	0.00	55.57
18866	PIT04	PITNEY BOWES	05/28/2013	0.00	198.00
18867	POL01	POLLARDWATER.COM	05/28/2013	0.00	2,718.84
18868	PUB01	PUB. EMP. RETIRE SYSTEM	05/28/2013	0.00	18,658.94
18869	PUM01	PUMP REPAIR SERVICE CO. I	05/28/2013	0.00	24,047.94
18870	RIC02	RICOH AMERICAS CORP	05/28/2013	0.00	823.94
18871	ROB01	ROBERTS & BRUNE CO.	05/28/2013	0.00	7,938.78
18872	ROG01	ROGUE WEB WORKS, LLC	05/28/2013	0.00	270.00
18873	RYA01	RYAN HERCO PRODUCTS CO.	05/28/2013	0.00	839.69
18874	SAN03	SAN FRANCISCO WATER DEP	05/28/2013	0.00	193,812.32
18875	SAN05	SAN MATEO CTY PUBLIC HE/	05/28/2013	0.00	600.00
18876	SAN20	SAN FRANCISCO FIRE CREDI	05/28/2013	0.00	300.00
18877	SCH04	TODD SCHMIDT	05/28/2013	0.00	1,335.00
18878	SEC01	SECO CONTROLS, INC.	05/28/2013	0.00	8,473.94
18879	SER03	SERVICE PRESS	05/28/2013	0.00	297.36
18880	SOU02	SOUTH BAY BRONZE & ALUM	05/28/2013	0.00	838.00
18881	SPR04	SPRINGBROOK SOFTWARE, I	05/28/2013	0.00	13,645.88
18882	STA03	CA DPH DRINKING WATER PI	05/28/2013	0.00	60.00
18883	STO01	STOLOSKI & GONZALEZ, INC	05/28/2013	0.00	20,895.00
18884	STR02	STRAWFLOWER ELECTRONIC	05/28/2013	0.00	27.38
18885	T&T01	T & T VALVE AND INSTRUME	05/28/2013	0.00	8,092.35
18886	TEA02	TEAMSTERS LOCAL UNION #	05/28/2013	0.00	743.00
18887	TEC01	TECHNIQUE DATA SYSTEMS,	05/28/2013	0.00	550.00
18888	TET01	JAMES TETER	05/28/2013	0.00	5,640.39
18889	TUR04	SUSAN TURGEON	05/28/2013	0.00	59.92
18890	UB*01139	JOHN PEARSON	05/28/2013	0.00	8.28
18891	UB*01140	JAMES RYAN	05/28/2013	0.00	73.75
18892	UB*01141	JULIE JACOBS	05/28/2013	0.00	60.20
18893	UB*01142	ESTATE OF BEVERLY MOSEL	05/28/2013	0.00	30.95
18894	UB*01143	BEHZAD NASRE	05/28/2013	0.00	18.18
18895	UB*01144	AUSTIN ROJAS	05/28/2013	0.00	62.04
18896	UB*01145	HRISTO MINTCHEV	05/28/2013	0.00	69.95

Check Number	Vendor No	Vendor Name	Check Date	Void Checks	Check Amount
18897	UB*01146	CORY GEISLER	05/28/2013	0.00	51.73
18898	UB*01147	LAURA DYBALL	05/28/2013	0.00	73.00
18899	UB*01148	COLDWELL BANKERS ATTN:	05/28/2013	0.00	10.09
18900	UB*01149	DEBORAH ELOWSON	05/28/2013	0.00	22.74
18901	UB*01150	AMERICAN TRUST TTEE	05/28/2013	0.00	67.66
18902	UB*01151	MRL GROUP	05/28/2013	0.00	53.78
18903	UNII2	UNION BANK OF CALIFORNIA	05/28/2013	0.00	2,143.33
18904	UNII5	UNIVAR USA INC	05/28/2013	0.00	5,229.14
18905	UPS01	UPS STORE	05/28/2013	0.00	1,044.78
18906	USA01	USA BLUE BOOK	05/28/2013	0.00	620.99
18907	VAL01	VALIC	05/28/2013	0.00	1,465.00
18908	VEL07	WENDY VELEZ	05/28/2013	0.00	52.50
18909	VER02	VERIZON WIRELESS	05/28/2013	0.00	300.50
18910	WES11	WEST COAST AGGREGATES,	05/28/2013	0.00	148.32
18911	WHE01	VIRGINIA WHELEN	05/28/2013	0.00	203.90
18912	WIL05	WILSEY HAM	05/28/2013	0.00	29.23
18913	COU05	RECORDER'S OFFICE	05/28/2013	0.00	2,206.25

Report Total:

40.00

514,065.03

COASTSIDE COUNTY WATER DISTRICT - PERIOD BUDGET ANALYSIS
31-May-13

ACCOUNT	DESCRIPTION	CURRENT ACTUAL	CURRENT BUDGET	B/(W) VARIANCE	B/(W) % VAR	YTD ACTUAL	YTD BUDGET	B/(W) VARIANCE	B/(W) % VAR
OPERATING REVENUE									
1-0-4120-00	Water Revenue -All Areas	633,446.04	594,948.00	38,498.04	6.5%	6,858,727.99	6,398,918.00	459,809.99	7.2%
TOTAL OPERATING REVENUE		633,446.04	594,948.00	38,498.04	6.5%	6,858,727.99	6,398,918.00	459,809.99	7.2%
NON-OPERATING REVENUE									
1-0-4170-00	Water Taken From Hydrants	776.20	2,083.33	(1,307.13)	-62.7%	21,393.85	22,916.63	(1,522.78)	-6.6%
1-0-4180-00	Late Notice -10% Penalty	8,110.94	4,167.00	3,943.94	94.6%	71,623.57	45,837.00	25,786.57	56.3%
1-0-4230-00	Service Connections	979.75	666.66	313.09	47.0%	13,720.64	7,333.26	6,387.38	87.1%
1-0-4920-00	Interest Earned	0.00	0.00	0.00	0.0%	3,264.47	3,540.00	(275.53)	-7.8%
1-0-4930-00	Tax Apportionments/Cnty Checks	1,827.87	5,000.00	(3,172.13)	0.0%	626,654.30	600,000.00	26,654.30	4.4%
1-0-4950-00	Miscellaneous Income	20.00	3,083.33	(3,063.33)	-99.4%	27,016.77	33,916.63	(6,899.86)	-20.3%
1-0-4955-00	Cell Site Lease Income	15,773.14	9,793.66	5,979.48	61.1%	116,583.55	107,730.26	8,853.29	8.2%
1-0-4965-00	ERAF REFUND -County Taxes	0.00	0.00	0.00	0.0%	311,572.00	100,000.00	211,572.00	0.0%
1-0-4990-00	Water Sales Refunded	0.00	0.00	0.00	0.0%	(103,376.66)	0.00	(103,376.66)	0.0%
TOTAL NON-OPERATING REVENUE		27,487.90	24,793.98	2,693.92	10.9%	1,088,452.49	921,273.78	167,178.71	18.1%
TOTAL REVENUES		660,933.94	619,741.98	41,191.96	6.6%	7,947,180.48	7,320,191.78	626,988.70	8.6%
OPERATING EXPENSES									
1-1-5130-00	Water Purchased	193,812.32	130,162.00	(63,650.32)	-48.9%	1,759,337.73	1,584,399.00	(174,938.73)	-11.0%
1-1-5230-00	Pump Exp, Nunes T P	2,170.72	1,878.00	(292.72)	-15.6%	23,017.82	20,849.00	(2,168.82)	-10.4%
1-1-5231-00	Pump Exp, CSP Pump Station	12,881.39	3,257.00	(9,624.39)	-295.5%	245,363.69	211,945.00	(33,418.69)	-15.8%
1-1-5232-00	Pump Exp, Trans. & Dist.	815.80	1,065.00	249.20	23.4%	10,822.48	10,358.00	(464.48)	-4.5%
1-1-5233-00	Pump Exp, Pilarcitos Can.	4,568.98	207.00	(4,361.98)	-2107.2%	17,771.78	17,300.00	(471.78)	-2.7%
1-1-5234-00	Pump Exp. Denniston Proj.	4,109.55	10,007.00	5,897.45	58.9%	13,658.24	79,839.00	66,180.76	82.9%
1-1-5235-00	Denniston T.P. Operations	4,797.03	2,690.00	(2,107.03)	-78.3%	24,784.53	21,462.00	(3,322.53)	-15.5%
1-1-5236-00	Denniston T.P. Maintenance	4,635.97	3,000.00	(1,635.97)	-54.5%	21,524.98	33,000.00	11,475.02	34.8%
1-1-5240-00	Nunes T P Operations	8,329.04	10,089.00	1,759.96	17.4%	74,553.33	87,345.00	12,791.67	14.6%
1-1-5241-00	Nunes T P Maintenance	1,547.43	3,333.33	1,785.90	53.6%	41,546.24	36,666.63	(4,879.61)	-13.3%
1-1-5242-00	CSP Pump Station Operations	803.37	708.00	(95.37)	-13.5%	8,947.31	7,788.00	(1,159.31)	-14.9%
1-1-5243-00	CSP Pump Station Maintenance	5,434.87	3,333.00	(2,101.87)	-63.1%	32,496.87	36,663.00	4,166.13	11.4%
1-1-5250-00	Laboratory Services	5,984.03	7,735.00	1,750.97	22.6%	26,989.79	45,833.00	18,843.21	41.1%
1-1-5318-00	Studies/Surveys/Consulting	1,335.00	5,666.60	4,331.60	76.4%	1,335.00	62,332.60	60,997.60	97.9%
1-1-5321-00	Water Conservation	1,123.35	6,183.00	5,059.65	81.8%	23,147.73	68,013.00	44,865.27	66.0%
1-1-5322-00	Community Outreach	3,220.13	2,933.00	(287.13)	-9.8%	22,807.10	32,263.00	9,455.90	29.3%
1-1-5411-00	Salaries & Wages -Field	73,336.33	75,793.77	2,457.44	3.2%	861,191.95	909,525.23	48,333.28	5.3%
1-1-5412-00	Maintenance -General	10,967.51	13,650.00	2,682.49	19.7%	155,758.43	150,150.00	(5,608.43)	-3.7%

ACCOUNT	DESCRIPTION	CURRENT ACTUAL	CURRENT BUDGET	B/(W) VARIANCE	B/(W) % VAR	YTD ACTUAL	YTD BUDGET	B/(W) VARIANCE	B/(W) % VAR
1-1-5414-00	Motor Vehicle Expense	8,718.37	3,720.00	(4,998.37)	-134.4%	67,688.30	40,920.00	(26,768.30)	-65.4%
1-1-5415-00	Maintenance -Well Fields	0.00	500.00	500.00	100.0%	14,307.90	5,500.00	(8,807.90)	-160.1%
1-1-5610-00	Salaries/Wages-Administration	48,596.03	50,978.77	2,382.74	4.7%	585,395.52	611,745.21	26,349.69	4.3%
1-1-5620-00	Office Supplies & Expense	8,196.99	10,885.00	2,688.01	24.7%	127,172.58	119,735.00	(7,437.58)	-6.2%
1-1-5621-00	Computer Services	16,463.91	6,250.00	(10,213.91)	-163.4%	52,528.65	68,750.00	16,221.35	23.6%
1-1-5625-00	Meetings / Training / Seminars	564.40	1,666.66	1,102.26	66.1%	14,197.46	18,333.26	4,135.80	22.6%
1-1-5630-00	Insurance	5,864.83	6,250.00	385.17	6.2%	93,936.11	118,750.00	24,813.89	20.9%
1-1-5635-00	EE/Ret. Medical Insurance	31,146.46	37,656.83	6,510.37	17.3%	332,484.03	414,225.13	81,741.10	19.7%
1-1-5640-00	Employees Retirement Plan	35,079.60	37,428.38	2,348.78	6.3%	414,263.93	449,140.56	34,876.63	7.8%
1-1-5645-00	SIP 401K Plan	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
1-1-5681-00	Legal	5,492.50	5,000.00	(492.50)	-9.9%	35,777.80	55,000.00	19,222.20	34.9%
1-1-5682-00	Engineering	480.00	1,166.66	686.66	58.9%	4,693.03	12,833.26	8,140.23	63.4%
1-1-5683-00	Financial Services	0.00	0.00	0.00	0.0%	13,775.00	23,500.00	9,725.00	0.0%
1-1-5684-00	Payroll Tax Expense	10,225.22	9,066.69	(1,158.53)	-12.8%	105,183.69	108,800.27	3,616.58	3.3%
1-1-5687-00	Membership, Dues, Subscript.	495.20	5,366.66	4,871.46	90.8%	46,333.04	59,033.26	12,700.22	21.5%
1-1-5688-00	Election Expenses	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
1-1-5689-00	Labor Relations	0.00	500.00	500.00	100.0%	0.00	5,500.00	5,500.00	100.0%
1-1-5700-00	San Mateo County Fees	0.00	0.00	0.00	0.0%	14,099.28	15,900.00	1,800.72	0.0%
1-1-5705-00	State Fees	0.00	1,800.00	1,800.00	0.0%	11,231.94	18,600.00	7,368.06	0.0%
TOTAL OPERATING EXPENSES		511,196.33	459,926.35	(51,269.98)	-11.1%	5,298,123.26	5,561,997.41	263,874.15	4.7%
CAPITAL ACCOUNTS									
1-1-5711-00	Debt Srvc/Existing Bonds 1998A	2,143.33	0.00	(2,143.33)	0.0%	267,415.59	265,273.00	(2,142.59)	0.0%
1-1-5712-00	Debt Srvc/Existing Bonds 2006B	0.00	0.00	0.00	0.0%	482,731.90	481,296.00	(1,435.90)	0.0%
1-1-5715-00	Debt Srvc/CIEDB 11-099 (I-BANK)	0.00	0.00	0.00	0.0%	353,640.56	353,641.00	0.44	0.0%
TOTAL CAPITAL ACCOUNTS		2,143.33	0.00	2,143.33	0.0%	1,103,788.05	1,100,210.00	(3,578.05)	-0.3%
TOTAL EXPENSES		513,339.66	459,926.35	(53,413.31)	-11.6%	6,401,911.31	6,662,207.41	260,296.10	3.9%
NET INCOME		147,594.28		1,545,269.17					

**COASTSIDE COUNTY WATER DISTRICT
MONTHLY INVESTMENT REPORT
May 31, 2013**

RESERVE BALANCES

CAPITAL AND OPERATING RESERVE	\$2,421,720.47
RATE STABILIZATION RESERVE	\$250,000.00
TOTAL DISTRICT RESERVES	\$2,671,720.47

ACCOUNT DETAIL

ACCOUNTS WITH FIRST NATIONAL BANK (FNB)	
CHECKING ACCOUNT	\$1,049,164.10
CSP T & S ACCOUNT	\$606,187.80
LOCAL AGENCY INVESTMENT FUND (LAIF) BALANCE	\$1,015,738.57
DISTRICT CASH ON HAND	\$630.00
TOTAL ACCOUNT BALANCES	\$2,671,720.47

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

COASTSIDE COUNTY WATER DISTRICT
APPROVED CAPITAL IMPROVEMENT PROJECTS
FISCAL YEAR 2012-2013

5/31/2013

		Approved CIP Budget FY 12/13	Actual To Date FY 12/13	Projected Year-End FY 12/13	Projected vs. Budget Variance	% Completed	Project Status/ Comments
PIPELINE PROJECTS							
06-01	Avenue Cabrillo Phase 1 (Construction)	\$ 550,000	423,695	\$ 425,000	\$ 125,000	100%	Complete
07-03	Pilarcitos Canyon Pipeline Replacement	\$ 100,000	18,515	\$ 75,000	\$ 25,000	19%	Feasibility study, CEQA re qd by SFPUC
	Main Street Pipeline Replacement Project	\$ 90,000			\$ 90,000	0%	Depends on HMB
	Railroad Avenue Pipeline Replacement Project	\$ 148,000	152,098	\$ 152,098	\$ (4,098)	100%	Complete
	Avenue Portola Pipeline Replacement Project	\$ 100,000	18,823	\$ 100,000	\$ -	19%	Andreini was low bid
WATER TREATMENT PLANTS							
99-05	Denniston Intake Maintenance	\$ 31,000	\$ 32,305	\$ 32,305	\$ (1,305)	100%	Completed
	Denniston - Intake Construction	\$ 100,000		\$ -	\$ 100,000	100%	Replaced screens during intake maintenance
	Denniston - Treated Water Booster Station	\$ 200,000			\$ 200,000	0%	Moved to FY 13/14
	Nunes Flash Mixer	\$ 15,000	\$ 17,840	\$ 18,000	\$ (3,000)		Mixer received, staff to install
	Nunes SCADA Integration	\$ 75,000	\$ 2,538	\$ 2,538	\$ 72,462	0%	Have Received Calcon Proposal
	Nunes Sludge Ponds Level Indication	\$ 15,000	\$ 10,272	\$ 10,272	\$ 4,728	100%	Complete
	Nunes - Replace Washwater Return Pump #2	\$ 25,000	\$ 24,048	\$ 24,048	\$ 952	100%	Complete
FACILITIES & MAINTENANCE							
08-08	PRV Valves Replacement Program	\$ 20,000	\$ 39,046	\$ 39,046	\$ (19,046)		Ongoing
99-01	Meter Change Program	\$ 30,000		\$ 30,000	\$ 30,000	0%	
09-09	Fire Hydrant Replacement	\$ 20,000	\$ 8,301	\$ 10,000	\$ 10,000		Ongoing
09-23	District Digital Mapping	\$ 50,000	\$ 49,601	\$ 92,000	\$ (42,000)	95%	GPS locating District assets
EQUIPMENT PURCHASE & REPLACEMENT							
99-03	Computer System	\$ 6,000	\$ 1,837	\$ 6,000	\$ -	50%	
99-04	Office Equipment/Furniture	\$ 3,000	\$ 1,104	\$ 3,000	\$ -		
06-03	SCADA / Telemetry / Electrical Controls	\$ 750,000	\$ 3,901	\$ 3,900	\$ 746,000	0%	
	Dump Truck	\$ 100,000	\$ 135,986	\$ 135,986	\$ (35,986)	100%	Arrived 11/30/2012
PUMP STATIONS / TANKS / WELLS							
	Crystal Springs Rebuild Spare 500 HP	\$ 25,000	\$ 38,162	\$ 38,162	\$ (15,000)	100%	Complete
	Crystal Springs Surge Tank Control Improvements	\$ 30,000			\$ 30,000	0%	Merged with CSPPS New Air Control for Surge Tank - Moved to FY 13/14
	Crystal Springs Check Valve Replacement	\$ 25,000	\$ 12,024	\$ 25,000	\$ -	48%	In progress
	CSPPS New Air Control for Surge Tank	\$ 50,000			\$ 50,000	0%	Merged with CSPPS Surge Tank Controls Improvements - Moved to FY 13/14
06-05	Well Rehabilitation - Denniston #2	\$ 35,000		\$ -	\$ 35,000	0%	Spring 2013
08-14	Alves Tank Recoating (Interior/Exterior)	\$ 100,000			\$ 100,000	0%	Postpone to FY14
	Alves Tank Altitude Valve	\$ 50,000			\$ 50,000	0%	Postpone to FY14
	EG Tank #2 Electrical Panel Upgrade & Pump	\$ 50,000	\$ 30,529	\$ 30,529	\$ 19,000	100%	Complete
08-17	EG Tank #2 Recoat & Ladder	\$ 200,000	\$ 40,521	\$ 200,000	\$ -	20%	Moved to FY 13/14
	EG Tank #2 Fence Replacement	\$ 25,000		\$ 25,000	\$ -	0%	Included in EG Tank No. 2 Recoating Project
	Pump Station Chlorine Analyzer Replacements (4)	\$ 10,000			\$ 10,000	100%	Complete (FY 11/12)
	Pilarcitos Canyon Blending Station	\$ 20,000	\$ 29,997	\$ 60,000	\$ (40,000)	75%	Flow probe received, Calcon will install
DENNISTON WTP (LONG-TERM) IMPROVEMENT							
08-23	Denniston WTP Improvement Project	\$ 1,500,000	\$ 3,469,873	\$ 2,800,000	\$ (1,300,000)	100%	Plant startup January 2013

COASTSIDE COUNTY WATER DISTRICT
 APPROVED CAPITAL IMPROVEMENT PROJECTS
 FISCAL YEAR 2012-2013

5/31/2013

Approved CIP Budget FY 12/13	Actual To Date FY 12/13	Projected Year-End FY 12/13	Projected vs. Budget Variance	% Completed	Project Status/ Comments
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WATER SUPPLY DEVELOPMENT

CCWD/MWSD Emergency Intertie - Planning	\$ 25,000		\$ -	\$ 25,000	0%	
San Vicente Design	\$ 300,000		\$ -	\$ 300,000	0%	Need to Finish EIR first

FY 12-13 TOTALS \$ 4,873,000 \$ 4,561,015 \$ 4,337,884 \$ 562,707

Previous CIP Projects - paid in FY 12/13

HMB Tank #1 Interior/Exterior Recoating	\$ 45,765					
Denniston Water Supply Development	\$ 87,044					
Denniston/San Vicente EIR	\$ 26,104					

PREVIOUS YEAR TOTALS \$ - \$ 158,913 \$ - \$ -

UNSCHEDULED ITEMS (CAPITAL EXPENDITURES) FOR CURRENT FISCAL YEAR 12/13

CSP Intake Tunnel Modifications	\$ 41,983					Complete
EG Pipeline Leak at Arroyo de en Medio	\$ 2,096					Complete
Stone Dam Emergency Pipeline Replacement	\$ 166,807					Begin work on November 14, 2012
Cahill Tank Repairs	\$ 6,962					
Main Street Bridge Replacement Project	\$ 544					
San Benito Street Pipeline Replacment	\$ 423					

NON-BUDGETED TOTALS \$ - \$ 218,814 \$ - \$ -

CIP TOTALS \$ 4,873,000 \$ 4,938,741 \$ 4,337,884

**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	Transfer Program	CIP	Denniston WTP Improvements Project	Personnel	Lawsuits	Infrastructure Project Review (Reimbursable)	TOTAL
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Jun-12	3,192				2,059			878	6,129
Jul-12	2,553		410	473				737	4,173
Aug-12	5,351		410					2,375	8,135
Sep-12	7,664		382						8,046
Oct-12	1,304		328	2,862					4,493
Nov-12	1,709	2,675		928				410	5,722
Dec-12	2,457	710		382					3,549
Jan-13	901							519	1,420
Feb-13	3,195			55				491	3,741
Mar-13	6,782	364						56	7,202
Apr-13	1,981	420						2,100	4,501
May-13	5,493			527					6,020

TOTAL	42,580	4,169	1,529	5,228	2,059	0	0	7,566	63,131
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**Engineer Cost Tracking Report
12 Months At-A-Glance**

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

Month	Admin & Retainer	CIP	Short Term WTP Imprv.	Studies & Projects	TOTAL	Reimbursable from Projects
Jun-12	240	4,551			4,791	
Jul-12	240	8,948		1,183	10,371	1,183
Aug-12	480	459		1,099	2,038	
Sep-12	480	9,600		1,775	11,855	1,775
Oct-12	649	5,762		3,033	9,444	3,033
Nov-12	480	4,627		3,141	8,247	3,141
Dec-12	360	8,362		23	8,744	23
Jan-13	480	11,243			11,723	
Feb-13	502	8,604		187	9,292	187
Mar-13	360	5,671		169	6,200	169
Apr-13	903	3,987		646	5,535	646
May-13	480	1,604		3,557	5,640	5,640
TOTAL	5,653	73,418	0	14,811	93,882	15,797

COASTSIDE COUNTY WATER DISTRICT

766 MAIN STREET

HALF MOON BAY, CA 94019

MINUTES OF THE BOARD OF DIRECTORS MEETING

Tuesday, May 14, 2013

- 1) **ROLL CALL:** President Ken Coverdell called the meeting to order at 7:00 p.m. Present at roll call: Directors Bob Feldman, Bryan Hannegan and Chris Mickelsen. Vice-President Glenn Reynolds arrived and joined the meeting at 7:05 p.m.

Also present were: Joe Guistino, Superintendent of Operations, Patrick Miyaki, Legal Counsel; JoAnne Whelen, Administrative Assistant/Recording Secretary; and Gina Brazil, Office Manager. General Manager David Dickson was on a scheduled vacation. There was one member of the public in the audience.

- 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, 2013:
Claims: \$1,062,598.08; Payroll: \$73,027.53; for a total of \$1,135,625.61
- B. Acceptance of Financial Reports
- C. Approval of Minutes of April 9, 2013 Regular Board of Directors Meeting
- D. Installed Water Connection Capacity and Water Meters Report
- E. Total CCWD Production Report
- F. CCWD Monthly Sales by Category Report - April 2013
- G. April 2013 Leak Report
- H. Rainfall Reports
- I. San Francisco Public Utilities Commission Hydrological Conditions Report for March 2013
- J. San Francisco Public Utilities Commission Hydrological Conditions Report for April 2013

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

President Coverdell stated that he would like further discussion on Consent Calendar items 4B, 4E, and 4F. He initiated discussion by requesting that a percentage of the total production column be added on the report associated with 4E, the monthly CCWD Production Report. In regards to the Financial Reports, (Item 4B), the Capital Improvement Projects Report, President Coverdell requested that a column be added to reflect the percentage completion of each project, including a descriptive comment on the status of each project as well. Additionally he requested that a column in item 4F, the Monthly Sales by Category Report, be added to reflect a percentage of the total column. The Board was in agreement to include the additional informational columns in the referenced reports.

ON MOTION BY Director Hannegan and seconded by Director Feldman, the Board voted as follows, by roll call vote, to accept and approve the Consent Calendar, with direction to staff to include the discussed modifications to the reports contained in agenda items 4B, 4E, and 4F:

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

5) MEETINGS ATTENDED / DIRECTOR COMMENTS

Vice-President Reynolds advised that he had recently toured the Crystal Springs Pump Station and was very impressed, and also had an opportunity to visit the Lake Merced Pump Station as well.

Director Hannegan suggested that staff schedule a review of the District's emergency contingency planning in the near future.

Vice-President Reynolds offered to share a copy of a San Francisco Public Utilities Commission publication, entitled *A History of the Municipal Water Department & Hetch Hetchy System* with anyone who was interested in reading it.

6) PUBLIC HEARING - PROPOSED INCREASE IN TRANSMISSION & STORAGE FEES

- Public Hearing to consider proposed increases in the District's Transmission and Storage Fees
- Consider Resolution 2013-03 - A Resolution of the Board of Directors of the Coastside County Water District Amending the Rate and Fee Schedule to Increase the Transmission and Storage Fees

President Coverdell opened the Public Hearing at 7:15 p.m., noting that any members of the public could address the Board on the subject. Mr. Guistino then reviewed the background, reiterating that the District had retained the services of an experienced public agency financial consultant, Bartle Wells Associates, in 2009 to review the District's Transmission and Storage Fees (T & S Fees). Mr. Miyaki added to the history of the T & S Fees and explained the action required by the Board in order to increase the fees. He advised that the District had complied with all procedural requirements, including the noticing and publishing of the public hearing and reported that to date, the District had received no letters of protest regarding the proposed rate increase. There were no comments from any members of the public. President Coverdell closed the public hearing at 7:19 p.m. and a brief discussion by the Board ensued.

ON MOTION BY Vice-President Reynolds and seconded by Director Feldman, the Board voted as follows, by roll call vote, to adopt Resolution 2013-03 - a Resolution of the Board of Directors of the Coastside County Water District Amending the Rate and Fee Schedule to Increase the Transmission and Storage Fees:

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

7) GENERAL MANAGER'S REPORT

A Operations Report

Mr. Guistino shared some monthly highlights, including the operation of the Denniston Water Treatment Plant, and a status update on the Denniston Dredging Amendment.

A. Water Resources Report

There were no questions on the Water Resources Report. However, President Coverdell took the opportunity to share his comments on the recent Denniston Water Treatment Plant celebration and tour, which included compliments to District staff on the event. He noted that he was very impressed with the overall celebration, which he stated he found to be straightforward, yet an important and very special tribute. He commended staff for the guest list of attendees, the staging at the District's parking lot with the tent and speakers, and the transportation arrangements. He also commented on the site visit to the Denniston Water Treatment Plant, stating that he appreciated the informative tour and especially the opportunity to witness the remarkable enthusiasm and pride of the District's staff. Director Hannegan also congratulated staff on the successful event. Vice-President Reynolds noted that he was very impressed with how many of the associated projects and tasks were completed by District staff, as opposed to utilizing the services of outside contractors, resulting in a tremendous cost savings to the District. He also suggested that a staff appreciation luncheon be scheduled to recognize the employees' hard work, pride, and commitment to the District.

Director Hannegan requested that the record reflect that he took a sample of the water produced at the Denniston Water Treatment Plant home for his spouse to taste, recounting her statement that "that is some good tasting water".

8) DIRECTOR AGENDA ITEMS - REQUESTS FOR FUTURE BOARD MEETINGS

Vice-President Reynolds reiterated his recommendation that an employee luncheon be scheduled to recognize the District's staff.

9) ADJOURNMENT

ON MOTION BY Director Mickelsen, and seconded by Vice-President Reynolds, the Board voted as follows, to adjourn the May 14, 2013 meeting of the Coastside County Water District's Board of Directors:

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

The meeting was adjourned at 7:44 p.m. The next meeting of the Coastside County Water District's Board of Directors will be on Tuesday, June 11, 2013.

Respectfully submitted,

David R. Dickson, General Manager
Secretary of the District

Ken Coverdell, President
Board of Directors

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: June 11, 2013

Report

Date: May 24, 2013

Subject: Monthly Water Transfer Report

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.

Since the previous Board meeting in October 2012, an application to transfer one---5/8" (20 gpm) non-priority water service connection was approved. A spreadsheet reporting this transfer follows this report as well as the approval memorandum from Patrick Miyaki and the confirmation letter from Glenna Lombardi.

WATER TRANSFERS APPROVED FOR THE 2013 CALENDAR YEAR

DONATING APN	RECIPIENT APN	PROPERTY OWNERS	# of CONNECTIONS	DATE
048-267-160	047-171-200	Leonard Beuth TR to Alton Asset Corporation	1--5/8" (20 gpm)	May-13

Memorandum

VIA ELECTRONIC MAIL

TO: Glenna Lombardi
FROM: Patrick T. Miyaki
DATE: May 23, 2013
RE: **Application to Transfer Uninstalled Non-Priority Water Service Connection from Leonard Beuth, Trustee, to Alton Asset Corporation**

Glenna, I reviewed the Application to transfer one 5/8-inch uninstalled non-priority water service connection from property owned by Leonard Beuth, Trustee (APN 048-267-160) to property owned by Alton Asset Corporation (APN 047-171-200).

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.

cc: David Dickson

May 24, 2013

Mr. Leonard Beuth, Trustee
411 Vetter Lane
Arroyo Grande, CA 93420

Alton Asset Corporation
1656 Channing Avenue
Palo Alto, CA 94303

RE: Request to Transfer a Water Service Connection

Dear Property Owners:

This letter is confirming that the Coastside County Water District has approved your request to transfer one—5/8” (20 gpm) non-priority water service connection. The result of this transfer is as follows:

- APN **048-267-160** has no present right to a water service connection from the Coastside County Water Districted; and
- APN **047-171-200** now has 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 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,

Glenna Lombardi

cc: David Dickson, General Manager

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

FY 2013

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		4	1	1	3			10
3/4" meter		2	2		1		1						6
1" meter									1				1
2" meter									1				1
3" meter									1		1		2
HMB Priority													
0.5" capacity increase													0
5/8" meter													0
3/4" meter													0
1" meter													0
1 1/2" meter													0
2" meter													0
County Non-Priority													
5/8" meter													0
3/4" meter						1							1
1" meter													0
County Priority													
5/8" meter													0
3/4" meter													0
1" meter													0
Monthly Total	0	2	2	0	2	1	5	1	4	3	1	0	21

5/8" meter = 1 connection
 3/4" meter = 1.5 connections
 1" meter = 2.5 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		3	3		2.5		5.5	1	29	3.5	8		55.5
HMB Priority													0
County Non-Priority						1.5							1.5
County Priority													0
Monthly Total	0	3	3	0	2.5	1.5	5.5	1	29	3.5	8	0	57

TOTAL CCWD PRODUCTION (MG) ALL SOURCES- FY 2013

	PILARCITOS WELLS	PILARCITO S LAKE	DENNISTON WELLS	DENNISTON RESERVOIR	CRYSTAL SPRINGS RESERVOIR	RAW WATER TOTAL	UNMETERED WATER	TREATED TOTAL
JUL	0.00	20.63	0.00	0.00	44.25	83.09	-0.13	83.22
AUG	0.00	18.98	0.00	0.00	42.67	79.21	1.13	78.08
SEPT	0.00	0.00	0.00	0.00	57.31	75.57	-0.04	75.61
OCT	0.00	0.00	0.00	0.00	48.48	66.51	0.21	66.30
NOV	3.74	0.00	0.00	0.00	46.21	49.95	0.41	49.54
DEC	4.6	15.25	0.00	0.00	13.35	41.06	0.08	40.98
JAN	7.64	30.77	0.00	2.00	0.10	40.511	0.17	40.34
FEB	13	23.31	0.00	1.73	7.59	45.63	0.92	44.71
MAR	13.43	23.52	0.00	8.08	3.35	48.38	0.17	48.21
APR	0.00	2.57	0.00	12.99	46.99	62.55	0.48	62.06
MAY	0.00	0.00	0.50	7.51	75.27	83.28	1.01	82.27
JUN								
TOTAL	42.41	135.03	0.50	32.31	385.57	675.74	4.43	671.32
% MONTHLY TOTAL	0.00%	0.00%	0.61%	9.13%	91.49%	100.00%	0.77%	99.23%
% ANNUAL TO DATE TOTAL	6.3%	20.0%	0.1%	4.8%	57.1%	88.2%	0.65%	99.3%

Taken from Nunes WTP meter minus well production plus skylawn use

12 Month Running Treated Total 736.87

TOTAL CCWD PRODUCTION (MG) ALL SOURCES- FY 2012

	PILARCITOS WELLS	PILARCITO S LAKE	DENNISTON WELLS	DENNISTON RESERVOIR	CRYSTAL SPRINGS RESERVOIR	RAW WATER TOTAL	UNMETERED WATER	TREATED TOTAL
JUL	0.00	62.65	0.00	0.00	1.03	63.68	-0.18	63.86
AUG	0.00	61.34	0.00	0.00	6.38	67.72	-0.03	67.75
SEPT	0.00	68.54	0.00	0.00	4.81	73.35	0.48	72.87
OCT	0.00	50.99	0.00	0.00	4.67	55.66	0.09	55.57
NOV	11.6	21.80	0.00	0.00	23.48	56.88	-0.28	57.16
DEC	7.2	27.02	0.00	0.00	16.82	51.04	-0.275	51.31
JAN	5.97	0.00	0.00	0.00	32.21	38.18	0.577	37.60
FEB	9.84	0.00	0.00	0.00	27.17	37.01	1.008	36.00
MAR	13.66	6.35	0.00	0.00	22.64	42.65	0.108	42.54
APR	0.00	46.73	0.00	0.00	0.28	47.01	-0.003	47.01
MAY	0.00	68.01	0.00	0.00	1.62	69.63	0.995	68.64
JUN	0	34.09	0.00	0.00	33.78	67.87	2.317	65.56
	48.27	447.52	0.00	0.00	174.89	670.68	4.80	665.87
TOTAL	48.27	447.52	0.00	0.00	174.89	670.68	4.80	665.87
% TOTAL	7.2%	66.7%	0.0%	0.0%	26.1%	100.0%	0.72%	99.3%

COASTSIDE COUNTY WATER DISTRICT

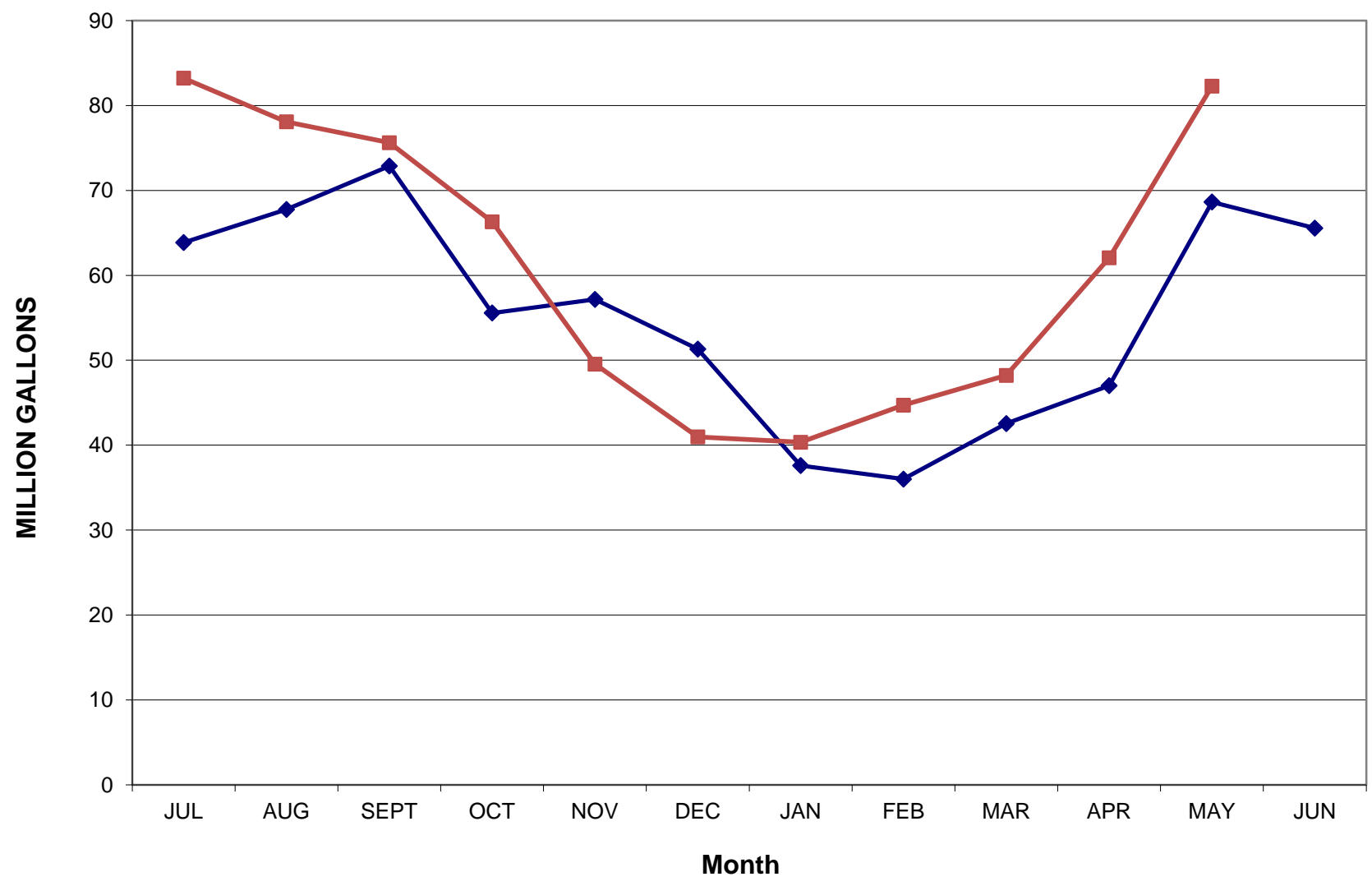
Predicted vs Actual Production - All Sources FY 13

	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-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.63	60.52	39.89	44.25	0.00	-44.25	83.09	60.52
Aug-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.98	73.96	54.98	42.67	0.00	-42.67	79.21	73.96
Sep-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.47	30.47	57.31	34.64	-22.67	75.57	65.11
Oct-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.37	11.37	48.48	58.32	9.84	66.51	69.69
Nov-11	0.00	6.24	6.24	0.00	2.40	2.40	3.74	9.72	5.98	0.00	0.00	0.00	46.21	29.25	-16.96	46.21	29.25
Dec-11	0.00	11.44	11.44	0.00	2.62	2.62	4.60	9.72	5.12	15.25	0.00	-15.25	13.35	23.00	9.65	41.06	23.00
Jan-12	2.00	16.49	14.49	0.00	2.62	2.62	7.64	10.47	2.83	30.77	0.00	-30.77	0.10	11.87	11.77	36.27	11.87
Feb-12	1.73	16.49	14.76	0.00	2.62	2.62	13.00	11.97	-1.03	23.31	0.00	-23.31	7.59	18.33	10.74	30.90	18.33
Mar-12	8.08	16.30	8.22	0.00	2.62	2.62	13.43	14.21	0.78	23.53	8.48	-15.05	3.35	0.00	-3.35	26.88	8.48
Apr-12	12.99	16.49	3.50	0.00	2.62	2.62	0.00	0.00	0.00	2.57	25.31	22.74	46.99	0.00	-46.99	49.56	25.31
May-12	7.51	13.04	5.53	0.50	2.62	2.12	0.00	0.00	0.00	0.00	34.31	34.31	75.27	0.00	-75.27	75.27	34.31
Jun-12			#VALUE!			#VALUE!			#VALUE!			#VALUE!			#VALUE!		
MG Totals	32.31	96.49	64.18	0.50	18.12	17.62	42.41	56.09	13.68	135.03	244.42	109.39	385.57	175.41	-210.16	610.53	419.83

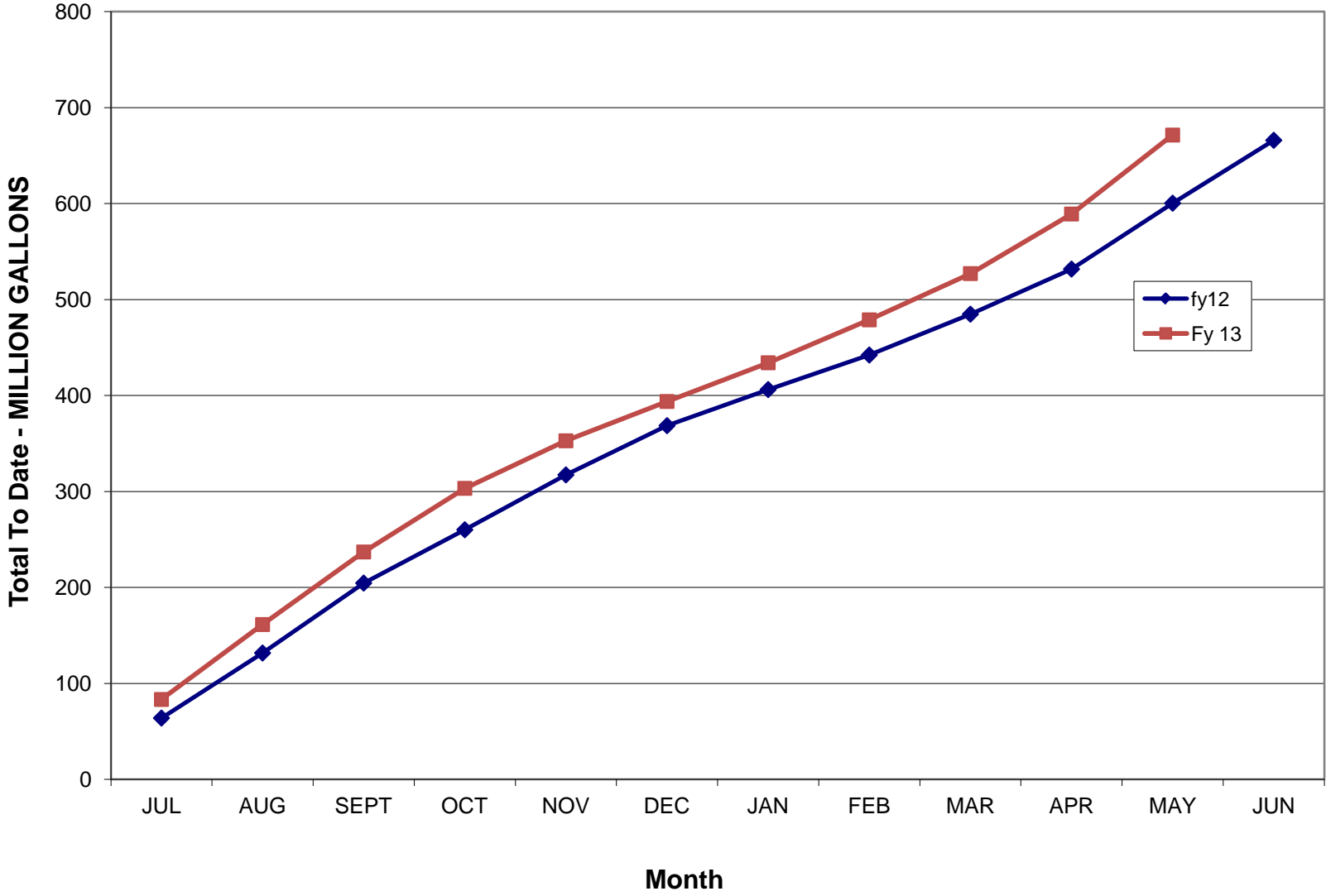
Adjusted (estimated for meter failure)

	Actual non SFPUC	Predicted non SFPUC	Actual SFPUC	Predicted SFPUC	TOTAL Actual	TOTAL Predicted	TOTAL Pred-act
	75.22	170.70	520.61	419.83	595.83	590.53	-5.30
% Total	12.62%	28.91%	87.38%	71.09%	100.90%		

Monthly Production FY 12 vs. FY 13



Cumulative Production FY 12 vs. FY13



Plant Water Use*			Unmetered Water						MG	
	Denniston Plant	Nunes Plant	Total	Main Flushing	Detector Checks*	Main Breaks	Fire Dept	Miscellaneous	Tank Level Difference	Total
JAN	0.202	0.000	0.202	0.088	0.052	0.072	0.002	0.003	-0.248	0.574
FEB	0.077	0.000	0.077	0.616	0.015	0.027	0.002	0.000	0.033	0.924
MAR	0.000	0.000	0.000	0.022	0.052	0.032	0.002	0.000	0.063	0.171
APR	0.086	0.000	0.086	0.023	0.010	0.002	0.002	0.000	0.445	0.740
MAY	0.105	0.000	0.105	0.000	0.056	0.007	0.002	0.007	0.622	1.008
JUN	0.000		0.000							0.000
JUL	0.000		0.000							0.000
AUG	0.000		0.000							0.000
SEP	0.000		0.000							0.000
OCT	0.000		0.000							0.000
NOV	0.000		0.000							0.000
DEC	0.000		0.000							0.000
TOTAL	0.47	0.00	0.47	0.75	0.19	0.14	0.01	0.01	0.92	3.42

**Coastside County Water District Monthly Sales By Category (MG)
FY 2013**

	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	MG to Date
RESIDENTIAL	27.258	49.337	26.440	47.479	22.875	30.920	17.464	33.048	18.619	34.940	24.142		332.52
COMMERCIAL	6.155	1.520	5.183	1.699	4.636	1.450	3.981	1.423	3.830	1.567	5.178		36.62
RESTAURANT	3.000	0.223	2.903	0.236	2.533	0.154	2.622	0.179	2.413	0.197	2.967		17.43
HOTELS/MOTELS	4.223	1.737	3.863	1.964	2.966	1.451	2.764	1.733	2.130	1.933	3.309		28.07
SCHOOLS	2.768	1.976	3.189	1.064	0.383	0.266	0.171	0.523	0.378	0.565	0.945		12.23
MULTI DWELL	3.424	2.725	3.155	2.895	2.548	2.385	2.759	2.697	2.311	2.828	2.693		30.42
BEACHES/PARKS	0.865	0.053	0.931	0.053	0.777	0.011	0.331	0.008	0.430	0.019	0.908		4.39
AGRICULTURE	7.336	4.445	5.284	5.269	3.644	6.045	6.102	6.375	6.076	6.800	7.370		64.75
RECREATIONAL	0.064	0.198	0.055	0.197	0.027	0.136	0.033	0.142	0.025	0.133	0.037		1.05
MARINE	1.236	0.000	1.266	0.000	1.321	0.000	1.141	0.000	0.819	0.000	1.020		6.80
IRRIGATION	15.892	12.567	13.331	9.844	1.320	1.361	0.127	0.619	4.498	4.643	7.434		71.64
Portable Meters	0.019	0.432	0.102	0.304	0.000	0.200	0.000	0.144	0.000	0.131	0.000		1.33
TOTAL - MG	72.24	75.21	65.70	71.00	43.03	44.38	37.49	46.89	41.53	53.76	56.00	0.00	607.24

Non Residential Usage	44.982	25.876	39.262	23.523	20.156	13.459	20.031	13.844	22.912	18.817	31.861	0.000	
Running 12 Month Total											675.91		
12 mo Ave Residential	30.75	31.14	31.32	31.55	31.77	31.72	31.40	30.99	30.97	31.19	31.48		
12 mo Ave Non Residential	23.80	24.34	24.95	25.08	24.65	24.71	24.34	24.31	24.17	24.48	24.84		
Total	54.55	55.48	56.26	56.63	56.42	56.43	55.74	55.30	55.13	55.67	56.33		

FY 2012

	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	MG to Date
RESIDENTIAL	25.339	44.609	24.355	44.659	20.269	31.474	21.373	37.948	18.862	32.287	20.628	45.267	373.25
COMMERCIAL	6.146	1.226	6.238	1.328	5.307	1.166	5.235	1.429	4.104	1.387	4.717	1.437	40.49
RESTAURANT	2.834	0.188	2.789	0.269	2.554	0.157	2.765	0.166	2.438	0.203	2.969	0.219	17.91
HOTELS/MOTELS	3.510	1.828	3.463	2.167	2.967	0.387	1.690	0.492	2.177	1.720	3.051	1.600	25.51
SCHOOLS	1.668	1.609	1.859	2.000	1.388	0.998	1.093	1.701	0.539	0.525	1.928	2.089	17.69
MULTI DWELL	2.786	2.732	3.041	2.958	2.550	2.366	2.696	2.492	2.452	2.597	2.714	2.580	32.54
BEACHES/PARKS	0.748	0.040	0.742	0.034	0.459	0.120	0.325	0.015	0.298	0.016	0.435	0.046	3.34
AGRICULTURE	4.642	3.490	6.211	8.033	4.965	6.586	6.872	6.512	7.912	7.157	8.143	5.675	77.61
RECREATIONAL	0.052	0.193	0.037	0.221	0.028	0.171	0.046	0.159	0.034	0.442	0.039	0.328	1.78
MARINE	1.050	0.000	1.174	0.000	0.924	0.000	0.788	0.000	1.702	0.000	1.124	0.000	6.90
IRRIGATION	3.577	7.522	6.419	4.132	4.112	0.681	2.907	1.076	3.003	0.881	2.353	9.278	46.63
Portable Meters	0.000	0.539	0.000	0.821	0.000	0.188	0.000	0.148	0.000	0.148	0.000	0.148	2.02
TOTAL - MG	52.35	63.98	56.33	66.62	45.52	44.29	45.79	52.14	43.52	47.36	48.10	68.67	634.68

Non Residential Usage	27.013	19.367	31.972	21.964	25.254	12.820	24.417	14.190	24.661	15.076	27.473	23.400	
Running 12 Month Total												634.68	
12 mo Ave Residential	30.86	30.11	30.00	29.74	29.57	29.70	29.85	30.22	30.18	30.27	30.29	30.59	
12 mo Ave Non Residential	21.80	21.29	21.01	20.88	21.34	21.53	22.12	22.18	22.63	22.67	22.43	22.30	
Total	52.66	51.40	51.01	50.62	50.91	51.23	51.97	52.40	52.81	52.94	52.72	52.89	

Coastside County Water District Monthly Leak Report

Date	Location	Pipe Class	Pipe Size & Type	Est. Water Loss (Gallons)*	Material Cost	Employee hours		Manpower and Equipment Costs	Total Costs
5/7/2013	688 Myrle St. HMB	S	3/4" Black Plastic	5,000	Total \$323.20	Men 3	Hours 4	\$600	\$1,323.20
								\$400	
								\$1,000	
5/7/2013	955 Miramontes St. HMB	M	8" WS	10,000	Total \$60.00	Men 4	Hours 2	\$400	\$860.00
								\$400	
								\$800	
5/18/2013	400 Block Ave Portola EG	m	6" DIP	60,000	Total \$276.99	Men 5	Hours 4	\$1,000	\$1,976.99
								\$700	
								\$1,700	
						Men	Hours	\$0	\$0.00
								\$0	
					Total			\$0	
						Men	Hours	\$0	\$0.00
								\$0	
					Total			\$0	
						Men	Hours	\$0	\$0.00
								\$0	
					Total			\$0	

*includes 1,000 gallons for mains to daylight plus 1,000 gallons to flush mains or 100 gallons to flush services

Total Water Loss	0.0750 MG	Total Cost	\$4,160.19
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staff	\$50/hr
backhoe	\$50/hr
service truck	\$50/hr
dumptruck	\$50/hr
supvisor time	\$75/hr
pickup truck	\$25/hr

Pipe Class

S= Service

M= Main

T= Transmission

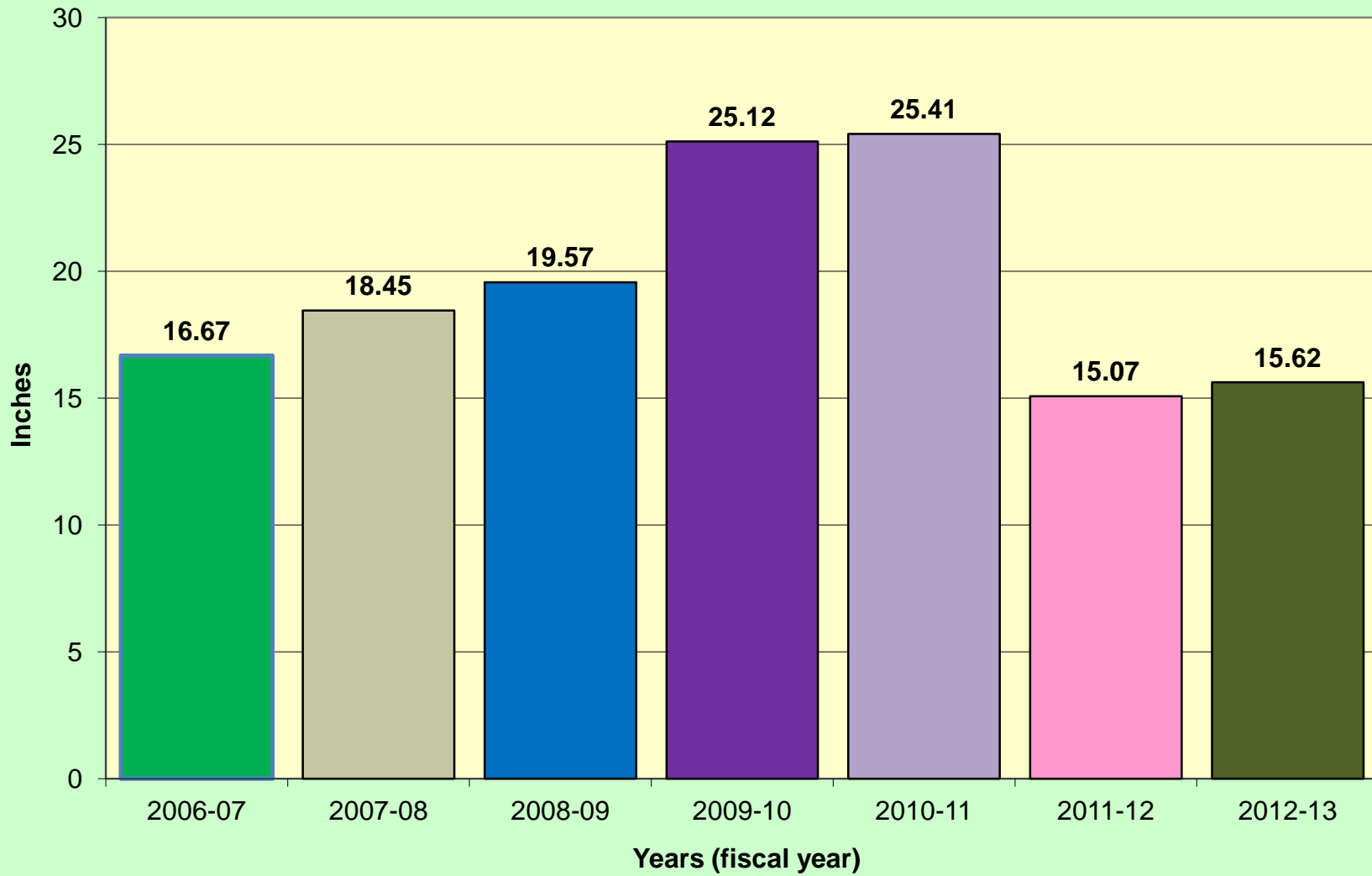
O=Other

Coastside County Water District
 766 Main Street
 July 2012 - June 2013

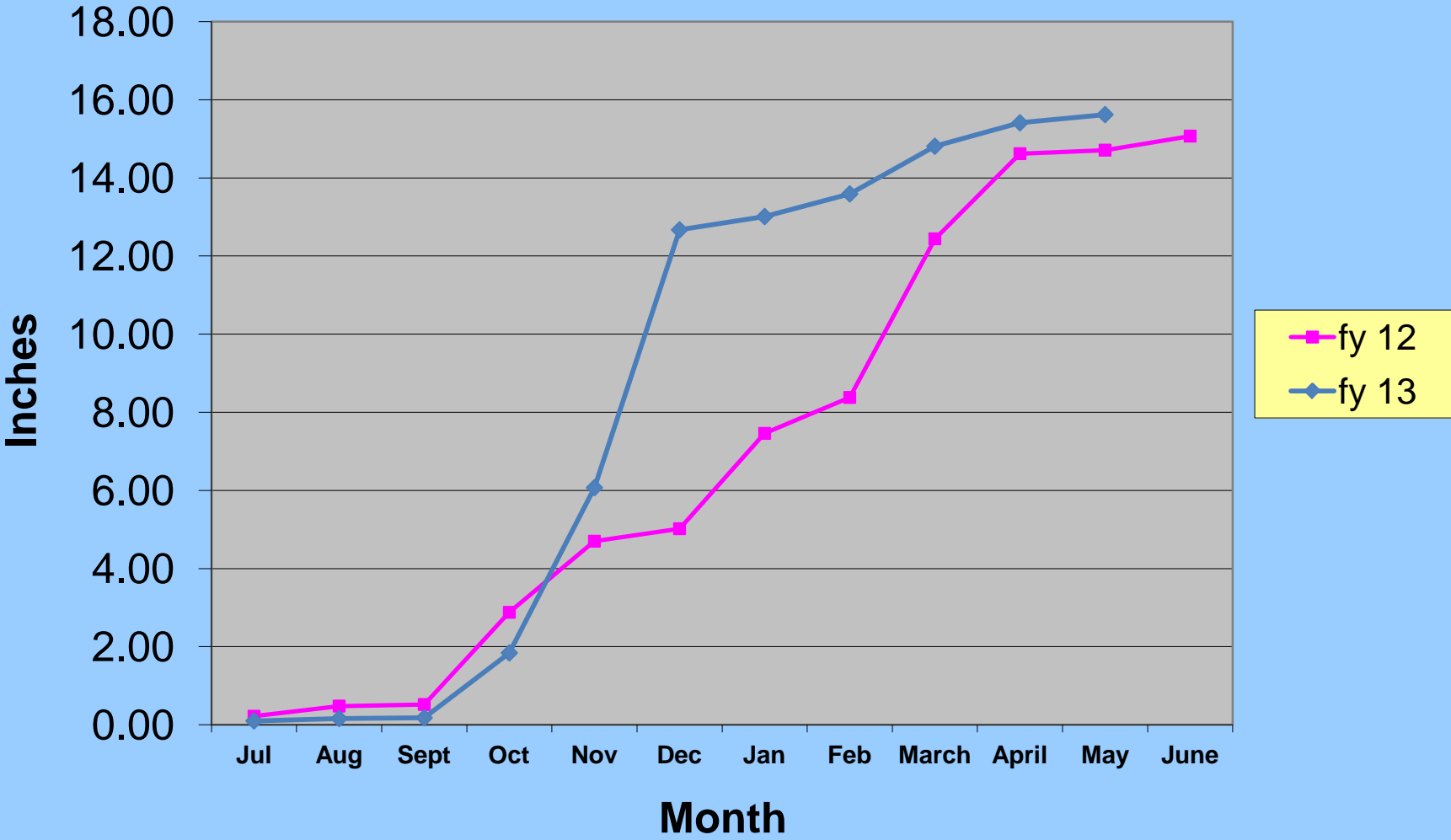
District Office
 Rainfall in Inches

	2012						2013					
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June
1	0.01	0	0	0	0.39	0.71	0.02	0	0	0.12	0	
2	0	0	0	0	0.01	0.87	0	0	0	0	0	
3	0	0.01	0	0	0	0.01	0	0	0	0.01	0	
4	0	0	0	0	0	0.01	0	0	0	0.38	0	
5	0	0.01	0	0	0	0.43	0.13	0	0.1	0.01	0	
6	0	0	0	0	0	0	0	0	0.13	0.02	0	
7	0	0	0	0	0	0	0.01	0.16	0.3	0.02	0	
8	0	0	0	0	0.15	0.02	0.01	0.19	0.03	0	0	
9	0	0	0	0.02	0.01	0	0.04	0	0	0	0	
10	0	0	0	0.1	0	0	0.02	0	0	0	0	
11	0	0	0	0.04	0	0.09	0	0	0	0.00	0	
12	0	0	0	0.03	0	0.26	0	0	0	0	0	
13	0	0	0	0	0	0.01	0	0	0	0	0	
14	0.02	0	0	0.01	0	0.02	0	0	0.01	0.02	0	
15	0	0	0	0	0	0.1	0	0	0	0.01	0	
16	0.01	0	0	0	0.25	0.04	0	0	0	0	0	
17	0	0	0	0.01	0.57	0.41	0	0	0	0	0	
18	0	0	0	0	0.01	0	0	0	0	0	0	
19	0	0	0	0.01	0	0	0	0.21	0.06	0	0	
20	0	0	0	0.02	0.21	0	0	0.01	0.12	0	0	
21	0	0.01	0	0.01	0.36	0.54	0	0	0	0	0	
22	0	0.01	0	0.93	0.01	0.45	0	0	0	0	0	
23	0	0	0	0.06	0	1.6	0.1	0.01	0	0.01	0	
24	0	0	0	0.27	0	0.06	0	0	0	0	0	
25	0	0	0	0.01	0	0.28	0	0	0	0	0	
26	0	0	0	0	0.01	0.13	0.01	0	0	0	0.06	
27	0.02	0	0	0	0	0	0	0	0.03	0	0.08	
28	0	0	0.01	0	0.49	0.31	0	0	0.05	0	0.07	
29	0.04	0	0.01	0.01	0.08	0.25	0		0.01	0	0	
30	0	0	0	0.01	1.68	0	0		0.33	0	0	
31	0	0.02		0.12		0	0		0.05		0	
Mon.Total	0.10	0.06	0.02	1.66	4.23	6.60	0.34	0.58	1.22	0.60	0.21	0.00
Year Total	0.10	0.16	0.18	1.84	6.07	12.67	13.01	13.59	14.81	15.41	15.62	15.62

Rain Totals FY 2013



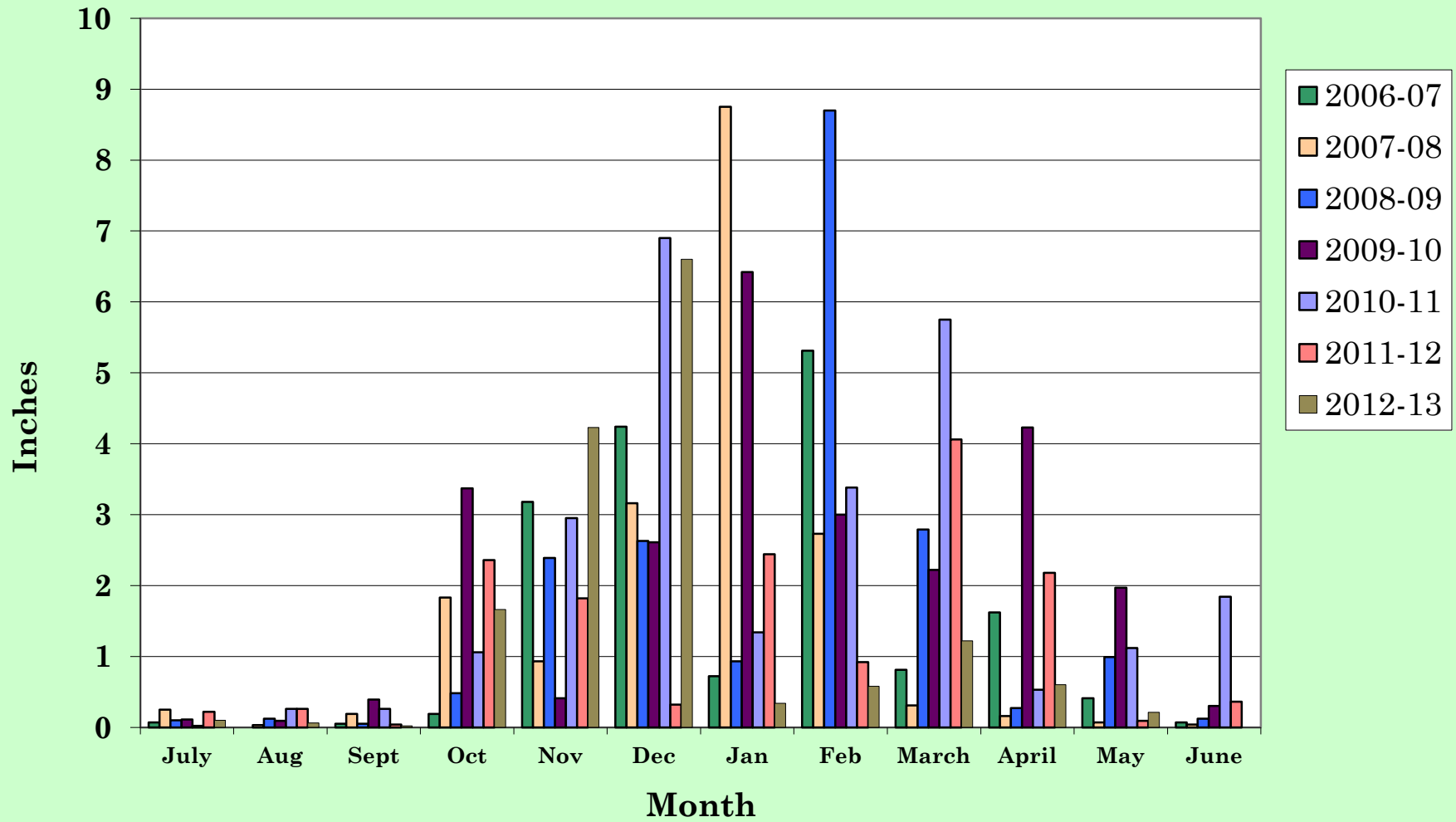
Rainfall Totals FY 2013



Coastside County Water District

Rainfall by Month

July '12 thru Jun '13



MONTHLY CLIMATOLOGICAL SUMMARY for MAY. 2013

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	53.3	63.5	2:30p	42.4	5:30a	11.7	0.0	0.00	1.6	11.0	1:00p	WSW
2	65.8	83.4	11:30a	45.3	3:30a	4.8	5.6	0.00	2.9	19.0	6:00a	E
3	56.5	67.3	9:30a	46.2	6:00a	8.5	0.0	0.00	1.2	8.0	1:00p	W
4	55.7	64.5	12:00p	46.1	6:00a	9.3	0.0	0.00	3.6	19.0	6:00p	WSW
5	59.5	66.0	3:00p	55.2	12:30a	5.5	0.0	0.00	6.4	26.0	8:30a	SSW
6	60.9	69.7	3:00p	52.4	6:00a	4.5	0.4	0.00	2.6	18.0	4:00p	WSW
7	57.7	66.1	3:30p	52.0	4:30a	7.3	0.0	0.00	1.7	11.0	11:00a	W
8	54.5	59.8	2:00p	52.4	4:00a	10.5	0.0	0.00	1.8	12.0	3:00p	W
9	54.0	57.2	3:30p	52.2	5:30a	11.0	0.0	0.00	2.0	11.0	1:30p	W
10	53.1	56.8	3:00p	51.0	7:00a	11.9	0.0	0.00	1.6	11.0	1:30p	NE
11	53.9	62.9	5:00p	50.3	7:00a	11.1	0.0	0.00	1.5	11.0	4:30p	W
12	55.1	62.4	3:00p	48.6	3:00a	9.9	0.0	0.00	1.8	12.0	12:00p	W
13	55.2	59.7	12:30p	49.6	12:00m	9.8	0.0	0.00	2.2	13.0	1:30p	W
14	56.1	61.7	4:30p	49.1	1:00a	8.9	0.0	0.00	3.0	12.0	2:30p	W
15	55.3	61.1	2:30p	51.6	6:30a	9.7	0.0	0.00	3.4	16.0	2:30p	W
16	55.5	59.3	5:30p	53.3	1:00a	9.5	0.0	0.00	1.9	11.0	12:30a	W
17	55.9	61.2	2:30p	52.7	6:00a	9.1	0.0	0.00	2.6	13.0	3:30p	W
18	56.1	62.4	3:00p	52.5	6:30a	8.9	0.0	0.00	3.6	17.0	5:30p	W
19	55.4	65.3	4:30p	45.5	6:00a	9.6	0.0	0.00	2.1	14.0	2:30p	W
20	54.2	64.7	2:00p	43.1	6:30a	10.8	0.0	0.00	1.8	12.0	5:00p	W
21	54.5	59.9	1:00p	50.0	11:30p	10.5	0.0	0.00	4.4	24.0	7:00p	NE
22	51.7	57.7	1:30p	42.4	6:00a	13.3	0.0	0.00	4.0	22.0	3:30p	NE
23	52.6	58.7	5:00p	48.7	6:00a	12.4	0.0	0.00	3.9	17.0	2:00a	WNW
24	51.4	58.2	2:30p	42.7	5:00a	13.6	0.0	0.00	2.9	15.0	3:30p	W
25	52.9	57.7	2:30p	50.2	5:30a	12.1	0.0	0.00	3.4	13.0	2:30p	W
26	55.7	61.8	1:00p	52.3	4:00a	9.3	0.0	0.06	1.9	11.0	2:00p	W
27	56.2	60.7	3:00p	53.4	5:30a	8.8	0.0	0.08	1.3	8.0	9:30p	W
28	56.8	62.5	12:30p	53.7	12:00m	8.2	0.0	0.07	2.0	13.0	1:30p	W
29	56.7	62.5	1:00p	52.5	12:00m	8.3	0.0	0.00	2.4	16.0	6:30p	W
30	54.8	60.6	2:30p	48.7	12:00m	10.2	0.0	0.00	3.7	16.0	12:00p	W
31	54.2	65.9	2:30p	43.3	6:30a	10.9	0.0	0.00	1.8	12.0	12:00p	S
	55.5	83.4	2	42.4	1	299.9	6.0	0.21	2.6	26.0	5	W

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

Max Rain: 0.08 ON 05/27/13

Days of Rain: 3 (>.01 in) 0 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

San Francisco Public Utilities Commission Hydrological Conditions Report For May 2013

J. Chester, C. Graham, A. Mazurkiewicz, & M. Tsang, June 5, 2013



Dave Riffel and Hans Bayer (Hetch Hetchy Watershed Keepers) measure streamflow at the South Fork of the Tuolumne River.

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

Table 1 Current Storage As of June 1, 2013							
Reservoir	Current Storage		Maximum Storage		Available Capacity		Percent of Maximum Storage
	Acre-Feet	Millions of Gallons	Acre-Feet	Millions of Gallons	Acre-Feet	Millions of Gallons	
Tuolumne System							
Hetch Hetchy ¹	350,160		360,340		10,180		97.2%
Cherry ²	261,955		273,340		11,385		95.8%
Lake Eleanor ³	27,016		27,100		84		99.7%
Water Bank	429,163		570,000		140,873		75.3%
Tuolumne Storage	1,068,294		1,230,780		162,522		86.8%
Local Bay Area Storage							
Calaveras ⁴	17,989	5,862	96,824	31,550	78,834	25,688	18.6%
San Antonio	36,571	11,917	50,496	16,454	13,924	4,537	72.4%
Crystal Springs	53,634	17,477	58,377	19,022	4,742	1,545	91.9%
San Andreas	15,858	5,167	18,996	6,190	3,139	1,023	83.5%
Pilarcitos	2,719	886	2,995	976	275	90	90.8%
Total Local Storage	126,771	41,309	227,688	74,192	100,914	32,883	55.7%
Total System	1,195,065		1,458,468		263,436		81.9%

¹ Maximum Hetch Hetchy Reservoir storage with drum gates activated.

² Maximum Cherry Reservoir storage with all flash-boards in.

³ Maximum Lake Eleanor storage with all flash-boards in.

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

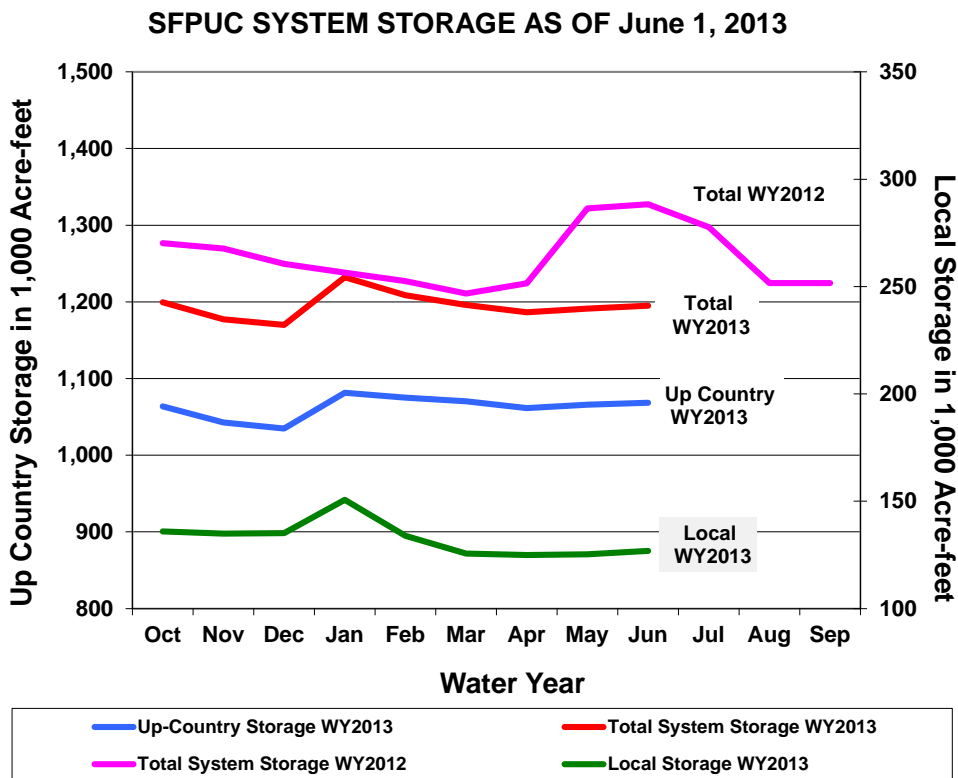


Figure 1: Monthly system storage for WY2013

Hetch Hetchy System Precipitation Index ^{5/}

Current Month: The May six-station precipitation index is 0.61 inch, or 42.0% of the average index for the month.

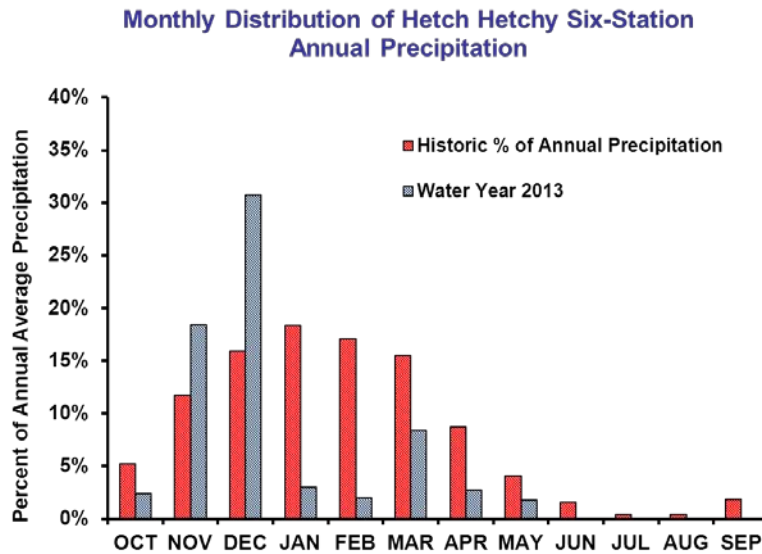


Figure 2: Monthly distribution of the Hetch Hetchy Six-station precipitation index as percent of the annual average precipitation.

Cumulative Precipitation to Date: The accumulated six-station precipitation index for water year 2013 is 24.57 inches, which is 69.1% of the average annual water year total, or 71.7% of the average annual-to-date. Hetch Hetchy received 0.92 inches of precipitation in May, for a water year total of 25.8 inches. This was the fifth consecutive month with below average precipitation. The cumulative Hetch Hetchy precipitation is shown in Figure 3 in red.

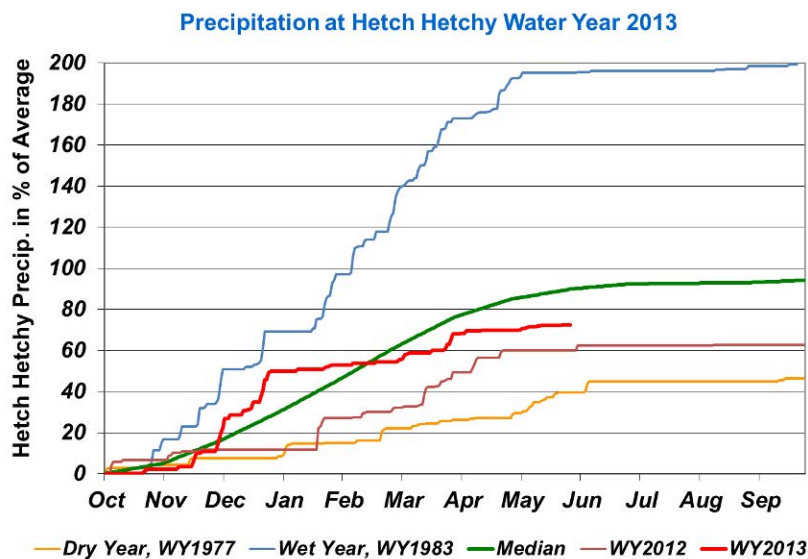


Figure 3. Water year 2013 cumulative precipitation measured at Hetch Hetchy Reservoir through May 31st, 2013. Precipitation at the Hetch Hetchy gauge for wet, dry, median, and WY 2012 are included for comparison purposes.

^{5/}The 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 May 31st is summarized below in Table 2.

	May 2013				October 1, 2012 through May 31, 2013			
	Observed Flow	Median ⁶	Average ⁶	Percent of Average	Observed Flow	Median ⁶	Average ⁶	Percent of Average
Inflow to Hetch Hetchy Reservoir	152,241	218,562	222,617	68.4%	393,166	445,624	443,308	88.7%
Inflow to Cherry Reservoir and Lake Eleanor	65,566	122,047	124,645	52.6%	306,382	326,141	335,378	91.3%
Tuolumne River at La Grange	243,728	451,533	452,576	53.9%	958,316	1,222,351	1,334,390	71.8%
Water Available to the City	31,409	200,082	215,706	14.6%	152,756	460,192	539,841	28.3%

⁶ Hydrologic Record: 1919 – 2010

Hetch Hetchy System Operations

Draft and releases from Hetch Hetchy Reservoir in May totaled 80,884 acre-feet which met SJPL deliveries, ecological releases, and additional releases through power generation to manage projected snowmelt runoff.

45,328 acre-feet of power draft was made at Cherry Reservoir to manage reservoir elevation and projected snowmelt runoff. Generation met municipal load, Class 1, Airport tenants/Norris, and other accounts and sales throughout the month. Lake Eleanor was at or near capacity throughout May. About 11,669 acre-feet of water was transferred from Lake Eleanor to Cherry Reservoir in May.

The current water year instream release schedule is Type B (or below normal conditions) after May 1st. This is based upon accumulated precipitation and runoff in water year 2013 starting October 1st, 2012. The May requirement from Hetch Hetchy reservoir was 80 cfs, plus an additional 64 cfs when powerdraft was above 920 cfs. Required releases at Cherry Reservoir were 5 cfs and 20 cfs at Lake Eleanor.

Local System Treatment Plant Production

The Sunol Valley Water Treatment Plant (SVWTP) average production rate for May was 17 MGD. During the month a portion of the SVWTP production water was supplied from the San Joaquin Pipeline transmission. The Harry Tracy Water Treatment Plant average production rate was 4 MGD, the plant was off-line for much of the month for HTWTP Long-Term Improvements project.

Local System Water Delivery

Deliveries in May were up 19% over the April delivery rate. The average delivery rate for May was 253 MGD. The April rate was 212 MGD.

Local Precipitation

The month of May was dry with scant precipitation recorded at rain gauges in the local watersheds. The May rainfall summary is presented in Table 3.

Reservoir	Month Total (inches)	Percentage of Normal for the Month	Water Year To Date ⁷ (inches)	Percentage of Normal for the Year-to-Date ⁷
Pilarcitos	0.13	11 %	27.77	72%
Lower Crystal Springs	0.04	5 %	18.44	70 %
Calaveras	0.02	3 %	14.12	66 %

⁷ WY 2013: Oct. 2012 through Sep. 2013

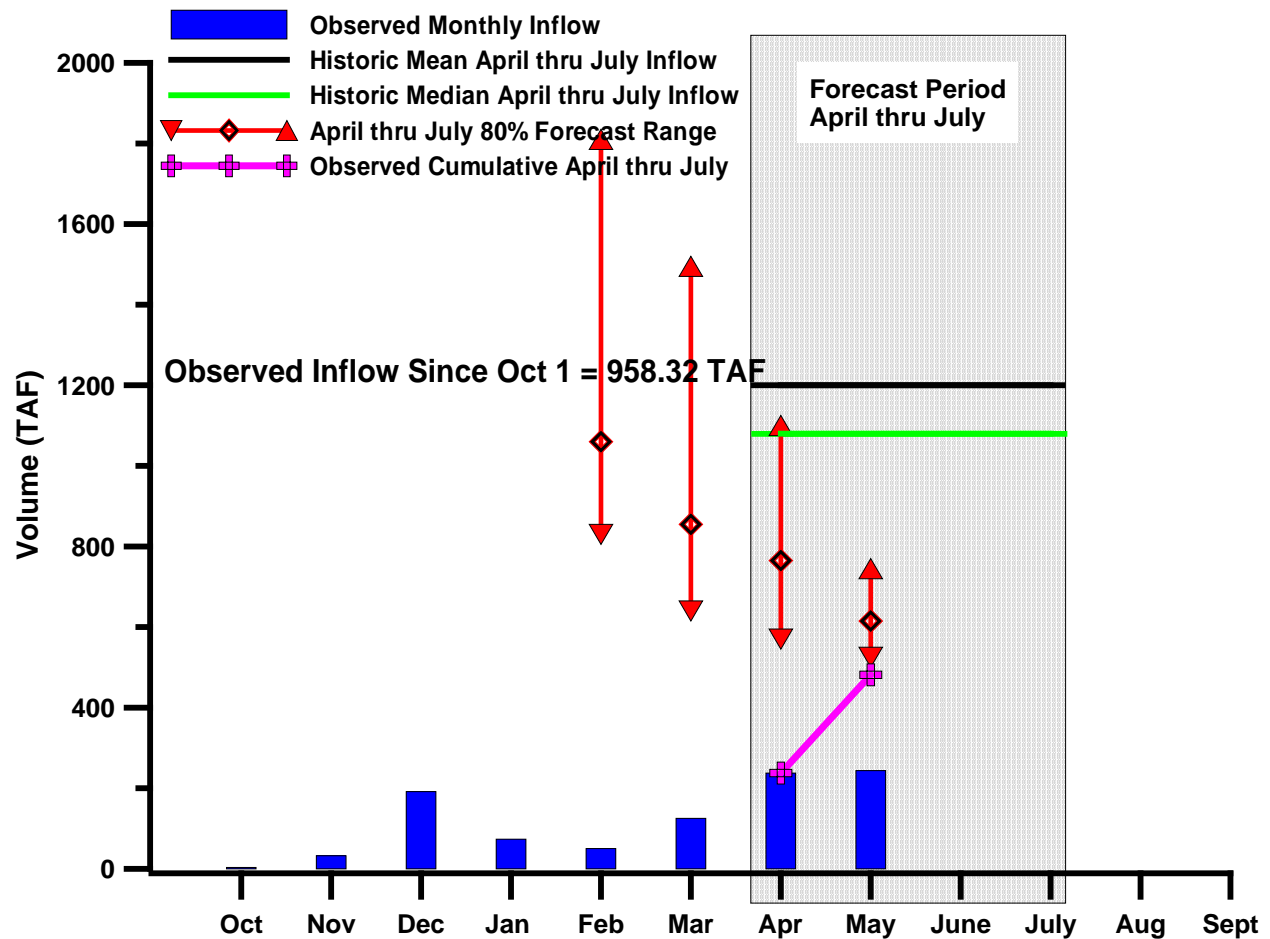


Figure 4: Water Year conditions for the Tuolumne River at La Grange and for the 80% water supply forecast range (triangles represent the 90% and 10% forecasts, the open diamond represents the median forecast).

Snowmelt and Water Supply

The month of May brought continued dry weather across the Tuolumne Basin as well as the Bay Area. Snow monitoring sensors show complete melt out at all the lower and mid elevation sites. Aerial Snow Observatory (a NASA JPL project) LIDAR runs in May showed persistence of patchy snowpack in the high country, with an estimate of 54 TAF water stored as snow above Hetch Hetchy as of May 25. Inflows continue to decrease with the dwindling snowpack. The short-term outlook has the onset of HOT temperatures with a small chance of thunderstorms in the Sierras. The hot period will melt the remaining seasonal snowpack. Following this period, a return to normal June conditions is expected. Currently Lake Eleanor is nearly full and Hetch Hetchy will fill early the week of June 10th.

The May 1st Tuolumne Basin Water Supply Forecast used the measured snow course, precipitation, and runoff data to predict the seasonal inflow. The forecast indicated that the median amount of runoff that may occur this year is 57% of the long-term median (Figure 4). The median forecast of April-through-July runoff is about 615 TAF, compared to the long-term median runoff for the April-through-July period of 1,080 TAF. For natural flow at La Grange, there is an 80 percent chance that the April-to-July natural runoff will be between 525 TAF and 745 TAF. Approximately 78% (481 TAF) of the median forecasted inflow has already arrived. It is anticipated that the overall April-to-July runoff will be below the median forecast due to below normal precipitation.

Unimpaired Flow at La Grange & Water Available to the City

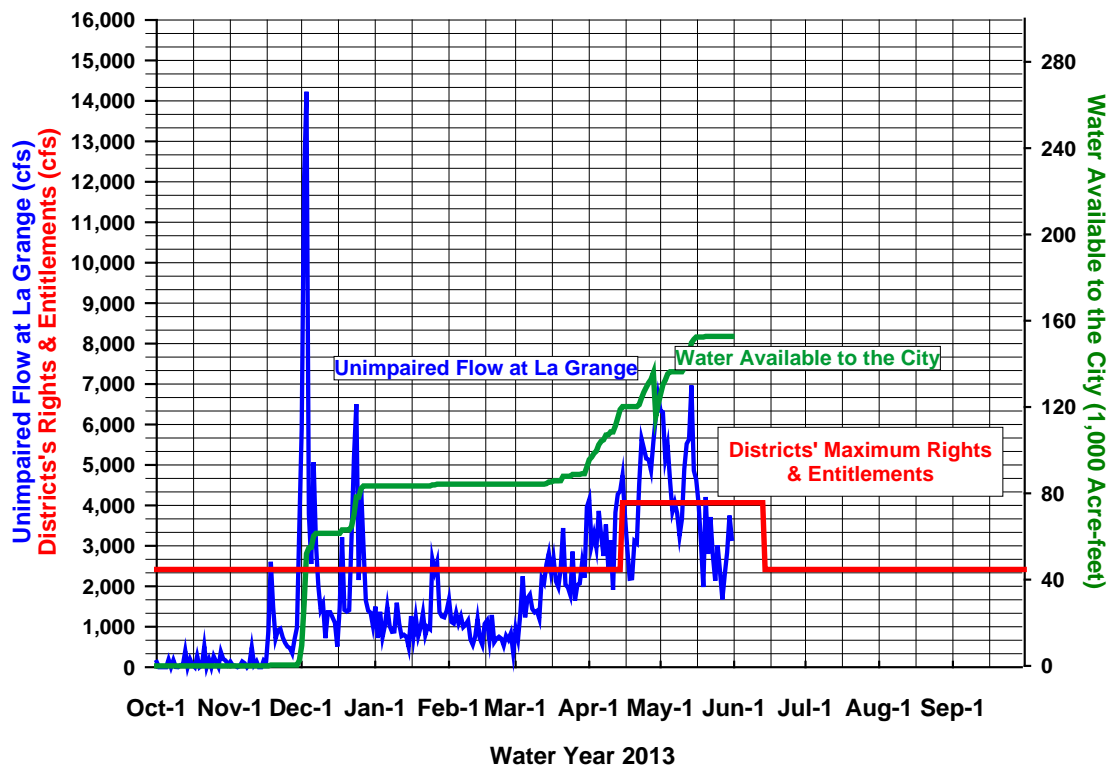


Figure 5: Calculated unimpaired flow at La Grange and the allocation of flows between the Districts and the City. 152,756 acre-feet of water has become available to the City during water year 2013 to date.

cc	HHWP Records	Gambon, Paul	Jue, Tyrone	Ritchie, Steve
	Briggs, David	Gibson, Bill	Kehoe, Paula	Rydstrom, Todd
	Cameron, David	Graham, Chris	Lehr, Dan	Sandkulla, Nicole
	Carlin, Michael	Griffin, Pat	Levin, Ellen	Tsang, Michael
	Chester, John	Hale, Barbara	Mazurkiewicz, Adam	Williams, Mike
	DeGraca, Andrew	Hannaford, Margaret	Meier, Steve	
	Dhakal, Amod	Kelly, Harlan	Patterson, Mike	
	Dufour, Alexis	Jensen, Art	Ramirez, Tim	

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: June 11, 2013

Report

Date: June 5, 2013

Subject: Kennedy/Jenks Proposal for Hydraulic Model Update and Analysis

Recommendation:

Authorize the General Manager to execute an agreement with Kennedy/Jenks for a Hydraulic Model Update and Analysis, for a time-and-materials cost not to exceed \$46,430.

Background:

Since the completion of the Denniston Water Treatment Plant (WTP) in the 1970's, the District has recognized that making full use of the plant's capacity and of the District's water rights on Denniston and San Vicente Creeks would require overcoming hydraulic limitations between Denniston and the rest of the District's system. The new, larger El Granada Pipeline improves flow capacity south from El Granada Tank #1. Piping north from that point remains a bottleneck, limiting gravity flow from the Denniston WTP to about 400 gallons per minute (gpm) versus the plant's 1,000 gpm capacity.

In order to fulfill the objective of distributing the Denniston WTP's full production throughout the District, we will need to construct a booster station and increase pipeline capacity from the plant to El Granada Tank #1. After reviewing preliminary design alternatives with Kennedy/Jenks, staff believes that hydraulic modeling of the District's system, based on an update of the District's existing model, will provide essential pump station and pipeline design information and help ensure that the overall system will work as envisioned.

Kennedy/Jenks has provided the attached proposal dated April 18, 2013 to update the hydraulic model. Staff recommends that the District execute an agreement with Kennedy/Jenks and proceed with the work.

Fiscal Impact:

Cost of \$46,430. The Capital Improvement Program includes funding for this project.

Kennedy/Jenks Consultants

Engineers & Scientists

303 Second Street, Suite 300 South
San Francisco, California 94107
415-243-2150
FAX: 415-896-0999

18 April 2013

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

Subject: Hydraulic Model Update and Analysis Proposal
K/J B10680052/B13052

Dear Mr. Dickson:

As requested, Kennedy/Jenks Consultants (Kennedy/Jenks) is pleased to submit this proposal for updating Coastside County Water District's (District's) existing hydraulic model and using it to analyze potential improvements to the distribution system to increase hydraulic performance and to better-define the District's planned Denniston Booster Pump Station pumps' operating range.

Upon an authorization to proceed, we would expect to complete the update and analysis within three months of receiving the District's notice to proceed.

Background

The District owns and operates the Denniston Creek Water Treatment Plant (DCWTP) located at the northern end of its water distribution system and the Nuñez Water Treatment Plant (NWTP). The DCWTP supplies treated water to the Denniston Tank, which is hydraulically connected to the distribution system. The NWTP and its three associated storage tanks are located near the middle of the distribution system. The portion of the distribution system between the DCWTP and the NWTP, which includes El Granada and Miramar areas, can be fed from the DCWTP to the north or from the NWTP to the south.

The District staff indicates that it has had difficulty delivering treated water from its Denniston Tank to the distribution system at flow rates above about 400 gpm. District staff indicates that its current DCWTP operating permit permits the DCWTP to produce treated water at a flow rate of 700 gallons per minute (gpm). The existing hydraulic constraint between the Denniston Tank and the distribution system limits the DCWTP operating capacity to about 400 gpm, well-below its design capacity. In addition, the District intends to request that the California Department of Public Health (CDPH) restore the original DCWTP permitted operating capacity (1,000 gpm) as

Mr. David Dickson
Coastside County Water District
18 April 2013
Page 2

part of its DCWTP operating permit update. The District believes that its current treated water delivery capacity constraint is due to hydraulic restrictions in the portion of its distribution system in the Clipper Ridge Development area along Bridgeport Drive where older 8-inch diameter cast iron pipelines inhibit flow from the Denniston Tank to the south. This currently prevents the District from maximizing the benefit of the upgraded DCWTP to its full extent. The existing hydraulic constraint will be a higher priority issue when the District receives its updated DCWTP Operating Permit to increase production at the DCWTP.

The District has a hydraulic model of its distribution system that was prepared by Water Resource Associates in 2001 using the WaterCAD modeling software. The model contains scenarios for various demand conditions as well as various operational scenarios. A separate model file was also developed that includes scenarios that were set up to evaluate planned improvements to the distribution system to correct hydraulic constraints that were identified during the modeling analysis.

The District indicates that there have been several improvements made to the distribution system in the 12 years since the model was developed. The District would like to incorporate these improvements into the existing model, and evaluate alternative strategies to reduce or eliminate the existing hydraulic constraints between the Denniston Tank and its distribution system areas south of Clipper Ridge. Additionally, the District would like to update the demands in the model, so that the demands more accurately reflect current conditions. While there has not been significant growth in the area, the District has indicated that demands have actually decreased recently.

Scope of Services

Following is our proposed scope of services for updating and calibrating the existing model, and using it to analyze several scenarios along with proposed distribution system improvements.

Task 1 – Project Management, Coordination, and QA/QC

Subtask 1.1 - Project Management and Coordination

Kennedy/Jenks will provide project management and coordination focused on control of project costs, maintaining the project schedule requirements, identifying and addressing key issues, and delivering quality review of the modeling work. Project management and coordination will include directing the work of the Kennedy/Jenks team so that the work is accomplished on-time and within budget. This process will include internal review of work progress by assessing hours and dollars spent compared to the work accomplished. Communications with the District will include periodic telephone calls and email correspondence to discuss information required to complete the modeling analysis. A project file will be maintained, including copies of correspondence, workshop and meeting minutes, and memoranda.

Mr. David Dickson
Coastside County Water District
18 April 2013
Page 3

Subtask 1.2 - Quality Assurance/Quality Control (QA/QC)

Quality assurance and quality control (QA/QC) are integrated into our engineering services. We use experienced senior staff familiar with the project work to provide QA/QC review of the model update and analysis. Our QA/QC review of work products is budgeted and will be performed under the individual work scope tasks included in Tasks 2 through 4. Kennedy/Jenks will conduct an internal project Concept and Criteria Review Workshop at an early stage of the project. The workshop is held with a project reviewer knowledgeable with this type of project to review project concepts, focusing on technical approaches and desired results. This process helps explore creative approaches to meet project objectives that may not have been thought of previously.

Task 2 – Workshops and Board Meeting

Kennedy/Jenks will attend one project workshop at the District's offices to discuss potential scenarios that the District would like to use the model to evaluate. Kennedy/Jenks anticipates that the District will have up to three different scenarios that it would like to evaluate using the model, each with different demands or operational settings in the system and with different proposed improvements to the system. Improvements may include a new Booster Pump Station either near the Denniston Creek Reservoir or adjacent to El Granada Tank No. 1, larger pipelines in the system near Bridgeport Drive, or replacement of the small diameter cast iron pipelines in various portions of the distribution system in the Clipper Ridge area.

Kennedy/Jenks will attend one workshop at the District's offices to present the results of the model update work and to further discuss potential scenarios that the District would like to use the model to evaluate.

Kennedy/Jenks will attend one workshop at the District's offices to present the results of the modeling analysis of the proposed scenarios, and a draft of the technical memorandum.

Kennedy/Jenks has budgeted for an optional meeting with the District's Board to present the results of the analysis, if the District decides this is necessary.

Task 3 – Model Update

Kennedy/Jenks will update the District's existing distribution system hydraulic model with information provided by the District. The District will provide the latest CAD drawing of its distribution system, as well as the latest version of the Geographic Information System (GIS) files of its distribution system and parcel information with water meter ID for each parcel. Kennedy/Jenks will coordinate with the District to identify the portions of the distribution system that need to be updated in the model, and will incorporate the latest information into the model files.

The District will provide updated settings for all of the pressure reducing valves in the system, as well as elevations and normal operating level ranges for the tanks in the system.

Mr. David Dickson
Coastside County Water District
18 April 2013
Page 4

Kennedy/Jenks will update the appropriate scenarios in the model with the information provided by the District.

Kennedy/Jenks will update the average day demands in the model using water billing data provided by the District and parcel maps available from San Mateo County. Kennedy/Jenks assumes that the water billing data has been linked to the parcel data, as the District has indicated.

Kennedy/Jenks will coordinate with the District to verify the maximum day peaking factor and the diurnal pattern developed during the prior modeling work. Kennedy/Jenks will also work with the District to develop any seasonal peaking factors that may be needed to analyze the operational scenarios that the District chooses to evaluate during the coordination meeting in Task 2.

Task 4 – Model Calibration

Based on discussions with District staff, Kennedy/Jenks will develop a model calibration plan to gather the necessary data to support model calibration. A key element of this data is the need for current fire hydrant testing data to assess current water pressure and flow values at key locations within the distribution system. The fire hydrant field testing program will consider the appropriateness of representative locations, number of pressure zones within the system, the availability of SCADA and existing fire hydrant testing data, pipeline coefficient requirements, efficient use of District staff, and system operation discussions with District staff.

Based on these criteria, Kennedy/Jenks will prepare and submit a calibration plan to the District for review and approval. Implementation of the plan will be the responsibility of the District. As such, fire hydrant flow rate and pressure data in conjunction with pump status and tank levels from the District's SCADA system will be provided by the District.

The calibration process includes imposing static water demands on the water system in the model. Initially, boundary conditions will be established within the model, which include tank elevations and levels, pressure reducing station settings, pump station settings, etc. The initial modeling simulation will be conducted and the results calibrated with the supporting fire hydrant flow and pressure information previously derived and additional SCADA system data. Based upon the findings and input provided by District staff, adjustments will be made in the model for final static calibration. This calibration process should produce a high confidence level in the results of the hydraulic model findings for static conditions.

Task 5 – System Analysis

Once the model is calibrated, it will be utilized to perform static simulations of the three scenarios that were agreed upon at the coordination meeting in Task 2. These can include combinations of operational settings, demands and proposed improvement projects to evaluate as alternatives. Kennedy/Jenks anticipates that the District will have up to three different scenarios that it would like to evaluate using the model, each with different demands or

Mr. David Dickson
Coastside County Water District
18 April 2013
Page 5

operational settings in the system and with different proposed improvements to the system. Improvements may include a new Booster Pump Station, either near the Denniston Creek Reservoir or adjacent to El Granada Tank No. 1; larger pipelines in the system near Bridgeport Drive; or replacement of the small diameter cast iron pipelines in various portions of the distribution system in the Clipper Ridge area.

Kennedy/Jenks will use the model to evaluate each static scenario using the criteria documented during the initial model development. Hydraulic deficiencies will be identified for maximum day, peak hour, and maximum day plus fire flow conditions. Kennedy/Jenks will use the WaterCAD software to produce figures to display the modeling results for each scenario.

Task 6 - Technical Memorandum

Kennedy/Jenks will prepare a draft and final Technical Memorandum that summarizes the model update effort, the calibration and the hydraulic analysis.

Tasks not Included in Kennedy/Jenks Scope of Services

1. Geocoding of water billing data to parcel information.
2. Fieldwork associated with hydrant testing.
3. Extended Period Simulation analysis of the distribution system.

Project Team

Kennedy/Jenks proposes the following key project team members for the hydraulic model update project. These key team members bring relevant experience and expertise in hydraulic modeling and distribution system analysis.

Principal-In-Charge – Joel Faller, P.E. – As Principal-in-Charge, Joel will be responsible for contractual matters, mobilization of our resources for the project and for maintaining our high quality design standards. Joel has 30 years of experience in project management and engineering, with expertise in planning, design, and construction of water supply, treatment, storage, and distribution facilities.

Project Manager – Craig Thompson, P.E. – Craig will serve as the Project Manager for the hydraulic model update project and be the primary point of contact with the District. Craig is a senior water treatment process engineer with over 26 years of civil engineering experience with major involvement in 25 water treatment facilities with capacities between 1 and 320 MGD.

Project Engineer – Patrick Johnston, P.E. Patrick will serve as the Project Engineer for the hydraulic model update project and be the secondary point of contact with the District. Patrick has over 19 years of experience in engineering of municipal projects and has worked on dozens

Mr. David Dickson
 Coastside County Water District
 18 April 2013
 Page 6

of projects that have involved modeling of distribution systems and master planning of utility systems.

Staff Engineer - Aileen Kondo, P.E. – Aileen has seven years of experience in engineering of municipal projects and has worked on several hydraulic models of distribution systems.

QA/QC – Rod Houser, P.E. – Rod will serve as our primary quality assurance/quality control (QA/QC) reviewer. Rod is a senior civil engineer with over 20 years of engineering experience in municipal water distribution projects.

Basis of Compensation

We propose that compensation for our services be on a time and expense reimbursement basis in accordance with our proposed Schedule of Charges for Coastside County Water District, enclosed. Payments shall be made monthly based on invoices, which describe services and list actual costs and expenses.

A summary of the Fee Proposal by task is provided below. We will notify you prior to expenditure of 80% of the overall budget if the need for a budget increase is anticipated. This fee estimate is based on the Scope of Services and our Schedule of Charges for Coastside County Water District, dated April 18, 2013, enclosed.

Tasks	Fee Proposal
1.1 – Project Management for Tasks 1 – 4	\$3,480
1.2 – QA/QC	\$2,670
2 – Meetings	\$8,470
3 – Model Update	\$6,820
4 – Model Calibration	\$10,690
5 – System Analysis	\$9,530
6 – Technical Memorandum	\$4,760
Tasks 1 through 4:	\$46,430

Budget

Kennedy/Jenks proposes a time and materials budget of \$46,430 for the above scope of work; we expect to provide the model update and analysis within three months after authorization.

Schedule

The schedule for the Scope of Services includes holding a kickoff meeting with the District within one week of the Notice to Proceed. Kennedy/Jenks expects to complete the calibration and analysis of the proposed scenarios within one month after receiving the results of the hydrant testing from the District. The work overall, including preparation of a summary technical

Mr. David Dickson
Coastside County Water District
18 April 2013
Page 7

memorandum, is expected to be completed within three months of authorization to proceed with the work.

Terms and Conditions

This proposal is based on current projections of staff availability and costs and, therefore, is valid for 90 days following the date of this letter. This proposal also assumes that we will contract with the District under similar terms that were previously negotiated for the DCWTP Engineering Services during Construction Project.

Thank you for considering us for this work. We look forward to working with you on this next project phase to optimize use of the District's local surface water supply.

Authorization

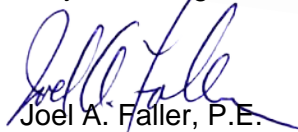
If this proposal is acceptable to the District, please sign and return a copy so that we can proceed with this work.

Very truly yours,

KENNEDY/JENKS CONSULTANTS, INC.



Craig M. Thompson, P.E.
Project Manager



Joel A. Faller, P.E.
Vice President

AUTHORIZATION:

COASTSIDE COUNTY WATER
DISTRICT

By: _____
(Signature)

(Print Name)

Title: _____

Date: _____

Enclosure

Proposal Fee Estimate

Kennedy/Jenks Consultants

CLIENT Name: Coastside County Water District
 PROJECT Description: Hydraulic Model Update
 Proposal/Job Number: B10680052 B13052 Date: 4/17/2013

April 18, 2013 Rates	Eng-Sci-8	Eng-Sci-7	Eng-Sci-6	Eng-Sci-4	Eng-Sci-3	Eng-Sci-2	Project Admin.		KJ	KJ	KJ	KJ			
Classification:								Total	Labor	Comm. Charges	ODCs	ODCs Markup	Total Labor	Total Expenses	Total Labor + Subs + Expenses
Hourly Rate:	\$215	\$205	\$185	\$155	\$140	\$120	\$90	Hours	Fees	4%	Fees	10%			Fees
Phase 1 - PM, QA/QC and Meetings															
Task 1.1 - Project Management	2	8	4				6	20	\$3,350	\$134		\$0	\$3,350	\$134	\$3,484
Task 1.2 - QA/QC		2	10	2				14	\$2,570	\$103		\$0	\$2,570	\$103	\$2,673
Phase 1 - Subtotal	2	10	14	2	0	0	6	34	\$5,920	\$237	\$0	\$0	\$5,920	\$237	\$6,157
Phase 2 - Meetings															
Task 2.1 - Project Kickoff Meeting		4	6					10	\$1,930	\$77	\$100	\$10	\$1,930	\$187	\$2,117
Task 2.2 - Coordination Meeting		4	6					10	\$1,930	\$77	\$100	\$10	\$1,930	\$187	\$2,117
Task 2.3 - Review Meetings		4	6					10	\$1,930	\$77	\$100	\$10	\$1,930	\$187	\$2,117
Task 2.4 - Optional Meeting with Board		4	6					10	\$1,930	\$77	\$100	\$10	\$1,930	\$187	\$2,117
Phase 2 - Subtotal	0	16	24	0	0	0	0	40	\$7,720	\$309	\$400	\$40	\$7,720	\$749	\$8,469
Phase 3 - Model Update															
Task 3.1 - Update Pipelines in Model			2	6				8	\$1,300	\$52		\$0	\$1,300	\$52	\$1,352
Task 3.2 - Update Settings in Model			2	6				8	\$1,300	\$52		\$0	\$1,300	\$52	\$1,352
Task 3.3 - Update Demands in Model			4	10				14	\$2,290	\$92		\$0	\$2,290	\$92	\$2,382
Task 3.4 - Develop and Incorporate Seasonal Peaking Factors			4	6				10	\$1,670	\$67		\$0	\$1,670	\$67	\$1,737
Phase 3 - Subtotal	0	0	12	28	0	0	0	40	\$6,560	\$262	\$0	\$0	\$6,560	\$262	\$6,822
Phase 4 - Model Calibration															
Task 4.1 - Develop Hydrant Testing Plan			4	12				16	\$2,600	\$104		\$0	\$2,600	\$104	\$2,704
Task 4.2 - Calibrate Model for Static Conditions			8	40				48	\$7,680	\$307		\$0	\$7,680	\$307	\$7,987
Phase 4 - Subtotal	0	0	12	52	0	0	0	64	\$10,280	\$411	\$0	\$0	\$10,280	\$411	\$10,691
Phase 5 - System Analysis															
Task 5.1 - Develop Operational Scenarios			8	20				28	\$4,580	\$183		\$0	\$4,580	\$183	\$4,763
Task 5.2 - Analyze Alternatives			8	20				28	\$4,580	\$183		\$0	\$4,580	\$183	\$4,763
Phase 5 - Subtotal	0	0	16	40	0	0	0	56	\$9,160	\$366	\$0	\$0	\$9,160	\$366	\$9,526
Phase 6 - Technical Memorandum															
Task 6.1 - Technical Memorandum			8	20				28	\$4,580	\$183		\$0	\$4,580	\$183	\$4,763
Phase 6 - Subtotal	0	0	8	20	0	0	0	28	\$4,580	\$183	\$0	\$0	\$4,580	\$183	\$4,763
All Phases Total	2	26	86	142	0	0	6	262	\$44,220	\$1,769	\$400	\$40	\$44,220	\$2,209	\$46,429

Client/Address: Coastside County Water District
 766 Main Street
 Half Moon Bay, California 94019

Contract/Proposal Date: 18 April 2013

Custom Schedule of Charges

Date: April 18, 2013

PERSONNEL COMPENSATION

Classification	Hourly Rate
CAD-Technician	\$100
Designer-Senior Technician	\$125
Engineer-Scientist-Specialist 1	\$115
Engineer-Scientist-Specialist 2	\$120
Engineer-Scientist-Specialist 3	\$140
Engineer-Scientist-Specialist 4	\$155
Engineer-Scientist-Specialist 5	\$170
Engineer-Scientist-Specialist 6	\$185
Engineer-Scientist-Specialist 7	\$205
Engineer-Scientist-Specialist 8	\$215
Engineer-Scientist-Specialist 9	\$245
Project Administrator	\$90
Administrative Assistant	\$80
Aide.....	\$60

In addition to the above Hourly Rates, a four percent Communications Surcharge will be added to Personnel Compensation for normal and incidental copies, communications and postage.

DIRECT EXPENSES

Reimbursement for direct expenses, as listed below, incurred in connection with the work, will be at cost plus ten percent for items such as:

- a. Maps, photographs, 3rd party reproductions, 3rd party printing, equipment rental, and special supplies related to the work.
- b. Consultants, soils engineers, surveyors, contractors, and other outside services.
- c. Rented vehicles, local public transportation and taxis, travel and subsistence.
- d. Project specific telecommunications and delivery charges.
- e. Special fees, insurance, permits, and licenses applicable to the work.
- f. Outside computer processing, computation, and proprietary programs purchased for the work.

Reimbursement for vehicles used in connection with the work will be at the federally approved mileage rates or at a negotiated monthly rate..

Reimbursement for use of computerized drafting systems (CAD), geographical information systems (GIS), and other specialized software and hardware will be at the rate of \$12 per hour.

Rates for professional staff for legal proceedings or as expert witnesses will be at rates one and one-half times the Hourly Rates specified above.

Excise and gross receipts taxes, if any, will be added as a direct expense.

The foregoing Schedule of Charges is incorporated into the agreement for the services provided, effective April 18, 2013 through December 31, 2013. After December 31, 2013, invoices will reflect the Schedule of Charges currently in effect.

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: June 11, 2013

Date: June 7, 2013

Subject: Agreement with California Conservation Corps for Work Related to Denniston Annual Maintenance Dredging

Recommendation:

Waive the requirement in Resolution 2012-01 to solicit sealed competitive bids and authorize the General Manager to enter into an agreement with California Conservation Corps (CCC) to perform manual vegetation removal in connection with the District's annual maintenance dredging of Denniston reservoir, for a time-and-materials cost not to exceed \$37,797.

Background:

Over time, the stream flow of Denniston Creek had been divided up into many small rivulets through the swampy deposits of silt and sand at the inlet end of Denniston Reservoir. This results in stagnant water around our inlets with a deterioration of water quality due to algae accumulation and decreases in dissolved oxygen. Staff, with the assistance of a biologist, has obtained an amendment of our Coastal Development Permit (CDP) for our 5 year dredging program that will allow CCWD to reestablish stream flows past our intakes by physically cutting a channel from a point upstream where the stream is still free flowing to a point in the reservoir just upstream of the intakes to Denniston WTP. CCWD will benefit by reduced algae growing around our intakes and turbidity events of shorter duration.

In order to access the stream channel, paths (called "keyways" in the CDP project description) must be cut through the heavy vegetation between Denniston Road and the stream. Eight to ten 20-foot by 15-foot keyways will be cleared at approximately 100-foot intervals. The CDP specifies that this work must be done using hand tools rather than mechanized equipment in order to minimize potential impact on protected species.

Given the nature and extent of the manual labor required for this project, staff requested a proposal from the California Conservation Corps (CCC). The CCC was established pursuant to California Public Resources Code Sections 14000 et seq. and is a state government agency. The CCC is a work, service, training and development program for young adults. The CCC specializes in environmental, natural resources, and conservation projects, and CCC crews receive training in working in sensitive habitats.

The CCC submitted a proposal to perform the work for an estimated time-and-materials cost not to exceed \$37,797. The cost is based on a crew of 15 workers dedicating 1750 hours over a three-week period. The proposal cost also includes all expenses for the crew to overnight locally (camping at the State park) during their four-day work week. Subject to environmental protection conditions in the CDP, work could begin as early as July, and all work in the stream and reservoir must be completed by October 15.

Because of the CCC specific statutory mission and directive, staff believes that CCC is uniquely qualified to perform this labor-intensive project at the lowest possible cost to the District and that the District would not benefit from soliciting bids for the work. CCC accomplishes its mission by entering into an agreement with federal, state, and local agencies to perform environmental conservation and public service work, and the state legislature encourages state and local agencies to enter into agreements with the CCC that meet the mission of the CCC. Furthermore, as a state governmental agency, CCC is exempt from state prevailing wage requirements as well as contractor licensing requirements that would apply to private sector bidders. Staff therefore recommends that the District enter into an agreement with CCC without soliciting sealed competitive bids.

Fiscal Impact:

There is \$60,000 allotted to this project as well as our standard Denniston Creek Dredging for FY14.

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: June 11, 2013

Date: June 5, 2013

Subject: Award of Contract for El Granada Tank 2 Rehabilitation Project

Recommendation: Authorize the General Manager to contract with Paso Robles Tank Inc. to rehabilitate El Granada Tank #2 for a cost of \$535,000.

Background:

El Granada Tank 2 is a welded steel above-ground tank built circa 1968. The tank is approximately 28 feet in diameter by 32 feet high, providing a nominal capacity of 150,000 gallons.

Evaluations by District staff and District Engineer Jim Teter have shown that the tank needs significant repairs. The lining system is in poor condition throughout. The exterior paint system is totally failed on the roof and failing in isolated areas on the shell. Severe corrosion and metal loss exists around the annular ring.

Based on contract documents prepared by Jim Teter, repairs to the tank include the replacement of 12" of floor at the shell interface (annular ring), widening of one of the manways to meet modern tank specs, replacement of the top entrance hatch, replacement of the failed external ladder, fall protection, a new roof vent, sealing of the side vents, a new sample station to allow multiple level sampling, replacement of the entire inner lining, and overcoating of the external paint.

The rehabilitation of this tank will be more complicated than the other tanks that we have recently rehabilitated. The tank and its associated pump station provide water service to the upper zones in the El Granada highlands which cannot be interrupted. In order to take the tank out of service the pump station piping must be rerouted to draw from a temporary tank that must be securely installed on site. This property is quite small and access is made difficult by a steep driveway.

District Engineer Jim Teter has established three phases to this project. Phase I involves pouring a concrete pad, installation of the temporary tank with associated piping modifications and establishing a control system for reliable pump station operation. Phase II involves the tank work described above and Phase III involves reestablishment of the original piping, removal of the temporary tank, a new security fence and paving the steep driveway.

STAFF REPORT

Agenda: June 11, 2013

Subject: El Granada Tank 2 Rehabilitation Project

Page Two

Staff solicited formal bids for this project in May and bids were opened on June 3 with the following results:

Paso Robles Tank, Inc.	\$535,000
Aztec Consultants, Inc.	\$577,000
Euro Style Management Inc.	\$583,000
Spiess Construction Co., Inc.	\$594,495

Paso Robles Tank is a very reputable company that specializes in tank construction and repairs and has done excellent work for us on the Half Moon Bay Tank 1 Rehabilitation Project.

Although the cost significantly exceeds the engineer's estimate of \$400,000, staff recommends that the District proceed with the project, as delay in completing essential repairs could raise safety and water quality concerns.

Fiscal Impact: The lowest bid was \$135,000 over the engineer's estimate and \$235,000 over the amount of funding set aside in our 10 year CIP for FY13/13 to FY22/23. The CIP will require adjustment to accommodate this project cost.

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: June 11, 2013

Report Date: June 6, 2013

Subject: Appointment of Director of the Boards of the Bay Area Water Supply & Conservation Agency (BAWSCA) and the Bay Area Regional Water System Financing Authority (RFA)

Recommendation:

Administer the oath of office for a member of the Board of Directors of the Bay Area Water Supply and Conservation Agency (BAWSCA) and for a Member of the Board of Directors of the San Francisco Bay Area Regional Water System Financing Authority (RFA) to CCWD Director Chris Mickelsen.

Background:

The appointment of a Director to serve on the BAWSCA and RFA's Board of Directors was discussed at CCWD's April 9, 2013 Board of Directors meeting. The CCWD Board took action at that meeting to appoint Director Chris Mickelsen to serve a four-year term on the BAWSCA and RFA Board of Directors.

Additionally, it was decided at that meeting that administering the oath of office to Director Mickelsen would be delayed until the June 11, 2013 CCWD Board of Directors meeting, allowing President Coverdell to attend the May 16, 2013 BAWSCA Board of Directors meeting as the District's representative.

BAWSCA has requested that the individual agencies administer the oath of office to the representatives, in order to prepare the Directors for the July 18, 2013 BAWSCA and RFA meetings.

Fiscal Impact:

None - BAWSCA pays for representative attendance.

OATH OF OFFICE
FOR
MEMBER OF BOARD OF DIRECTORS
BAY AREA WATER SUPPLY AND CONSERVATION AGENCY

I, _____, do solemnly swear (or affirm) that I will support and defend the Constitution of the United States and the Constitution of the State of California against all enemies, foreign and domestic; that I will bear true faith and allegiance to the Constitution of the United States and the Constitution of the State of California; that I take this obligation freely, without any mental reservation or purpose of evasion; and that I will well and faithfully discharge the duties upon which I am about to enter.

Signature

* * * * *

Sworn to and subscribed before me this _____ day of _____, 2013.

Signature

Name: _____

Title: _____

OATH OF OFFICE
FOR
MEMBER OF BOARD OF DIRECTORS
SAN FRANCISCO BAY AREA
REGIONAL WATER SYSTEM FINANCING AUTHORITY

I, _____, do solemnly swear (or affirm) that I will support and defend the Constitution of the United States and the Constitution of the State of California against all enemies, foreign and domestic; that I will bear true faith and allegiance to the Constitution of the United States and the Constitution of the State of California; that I take this obligation freely, without any mental reservation or purpose of evasion; and that I will well and faithfully discharge the duties upon which I am about to enter.

Signature

* * * * *

Sworn to and subscribed before me this _____ day of _____, 2013.

Signature

Name: _____

Title: _____

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: June 11, 2013

Report Date: June 6, 2013

Subject: Adopt Resolution 2013-05 Calling for and Giving Notice of a Regular District Election

Recommendation:

Adopt Resolution 2013-05 Calling for and Giving Notice of a Regular District Election to be held on Tuesday, November 5, 2013 and Requesting the County Elections Department Conduct the Election.

Background:

The regular District election will be held on November 5, 2013. Two offices (4-year terms) are up for election: Director Feldman and Director Mickelsen. Under state law, the District must submit a formal request the County Elections Department to perform all of the services required to conduct the District election. Having those services consolidated with other county or statewide elections that may be held on November 5, 2013 results in a substantial cost savings to the District.

Candidates' statements will be included in the ballot materials prepared by the Elections Department. The Board has discretion to determine whether candidate's statements will be a maximum of 200 or 400 words, and whether the cost attributed to the statements will be charged to the District or the candidates. The draft resolution presented here specifies a 200-word limit to be paid by the candidates themselves, in accordance with past District practice.

Candidate filing for the election will be open July 15, 2013 and close on August 9, 2013. All candidates running for office must file a Form 700 Statement of Economic Interest by August 9, 2013.

Fiscal Impact:

Election expense of \$25,000 is included in the Fiscal Year 2013-2014 budget.

RESOLUTION NO. 2013-05

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
COASTSIDE COUNTY WATER DISTRICT CALLING FOR AND GIVING
NOTICE OF A REGULAR DISTRICT ELECTION TO BE HELD ON
TUESDAY NOVEMBER 5, 2013 AND REQUESTING THE COUNTY
ELECTIONS DEPARTMENT TO CONDUCT THE ELECTION**

WHEREAS, pursuant to Elections Code Section 10002, the governing body of any district may by resolution request the Board of Supervisors of the county to permit the county elections official to render specified services to the district relating to the conduct of an election; and

WHEREAS, the resolution of the governing body of the district shall specify the services requested; and

WHEREAS, pursuant to Elections Code Section 10002, the district shall reimburse the county in full for the services performed upon presentation of a bill to the district; and

WHEREAS, pursuant to Elections Code Section 10400, elections may be consolidated; and

WHEREAS, various district, county, state or other political subdivision elections may be or have been called to be held on November 5, 2013.

NOW, THEREFORE, BE IT RESOLVED AND ORDERED THAT the Board of Directors of the Coastside County Water District hereby orders an election be called and consolidated with any and all elections also called to be held on November 5, 2013, insofar as said elections are to be held in the same territory or in territory that is in part of the same as the territory of the Coastside County Water District, and requests the Board of Supervisors of the County of San Mateo to order such consolidation under Elections Code Section 10400 and 10403.

BE IT FURTHER RESOLVED AND ORDERED that the Board of Directors requests the Board of Supervisors to permit the San Mateo County Elections Department to provide any and all services necessary for conducting the election and agrees to pay for said services.

BE IT FURTHER RESOLVED AND ORDERED that the Board of Directors requests that the San Mateo County Elections Department conduct the election for the following offices up for election all of which are "at-large" offices:

SEATS OPEN	OFFICE	TERM
Robert Feldman	Director	4 Year
Chris Mickelsen	Director	4 Year

BE IT FURTHER RESOLVED that the Board of Directors adopts the following policies effective for the November 5, 2013 election:

1. The word limit on each candidate's statement for the position shall be a maximum of 200 words.
2. The candidate shall be charged for the candidate's statement sent to each voter.
3. Pursuant to Government Code Section 87302.3, all candidates running for office must file a Form 700 Statement of Economic Interest with the County Elections Department no later than the deadline for filing a Declaration of Candidacy, unless the candidate has filed a Form 700 Statement within sixty (60) days from filing a Declaration of Candidacy.

BE IT FURTHER RESOLVED AND ORDERED that the Secretary of the District shall transmit to the County, a copy of this Resolution, along with a map showing the District's boundaries effective for the election on or before July 3, 2013.

PASSED AND ADOPTED by the Board of Directors of the Coastside County Water District this 11th day of June 2013, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Kenneth C. Coverdell President
Board of Directors

ATTEST:

David R. Dickson, Secretary of the District

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: June 11, 2013

Report

Date: June 6, 2013

Subject: General Manager's Report

Recommendation:

None. Information only.

Background:

For this month's report, I would like to highlight the following:

CCWD-MWSD Mutual Interest Committee Meeting

The CCWD-MWSD Mutual Interest Committee met on June 6, attended by President Coverdell, Director Feldman and myself on behalf of the District and Directors Chris Thollaug and Bob Ptacek and General Manager Clemens Heldmaier for Montara Water and Sanitary District. Discussion focused on next steps in implementing the Mutual Emergency Water Supply Agreement between the two districts. The Committee agreed that the next step would be for the managers to define the scope of a preliminary engineering study for an interconnection between the districts and for CCWD to retain an engineer to perform the study. CCWD's CIP includes \$25,000 in funding for this purpose.

MONTHLY REPORT

To: David Dickson, General Manager
From: Joe Guistino, Superintendent of Operations
Agenda: June 11, 2013

Report

Date: June 4, 2013

Monthly Highlights

Denniston Operation

The Treatment Staff has been working through process and controls issues with the contact clarifiers.

Cross Connection Program

With the assistance of JoAnne Whelen, we are able to make strong strides in the administration of this important program.

Source of Supply

Denniston Reservoir and Crystal Springs Reservoir were the sources of supply in May. Denniston Water Treatment Plant (WTP) produced over 8 million gallons (MG) in May.

System Improvements

Denniston Booster Pump

The temporary Denniston booster pump was integrated into the Supervisory Control and Data Acquisition (SCADA) automatic shutdown so that it can run unattended through the night.

Cross Connection Program

Staff surveyed the 500 block of San Benito, Johnston, Main, Purissima and Church Streets for backflow requirements. With the assistance of our office staff, we are now making good progress with our cross connection control program.

Distribution System Chlorine Residual Monitoring

We now have an on-line chlorine analyzer installed at El Granada Tank 3 to assist the operators on chlorine residual control of our system.

Treatment Plant Recordkeeping

We have retained the services of Todd Schmidt to improve our recordkeeping and report generation at our treatment plants. His improvements will reduce the time that the operators spend inputting data, reduce transcription errors, and will provide

updated and concise reporting for internal usage as well as for reporting to outside agencies.

Denniston Water Treatment Plant

Staff has made some significant improvements to the process control of the Denniston WTP. They have remedied a design error in the Potassium Permanganate feed system and made for more opportunities for chemical injection and process sampling and will be using a new and improved coagulant.

Other Activities Update:

Denniston WTP Startup

- Staff started Denniston Wells 1 and 9 in May, for a contribution of 55 gpm.
- The lightning storm during the week of 6 May appears to have affected the control systems at Denniston. Control problems with the contact clarifiers have limited the plant's operation this month.
- The Potassium Permanganate feed system is also failing on a regular basis from grit getting into the pumps. The operators have devised a screening system which will be put in place in June.
- The contact clarifiers started to develop rapid head loss near the end of May. Inspection of the lower screen revealed a scum that is covering the bottom screens. We are unsure of the cause at this time. We should be getting results back on algae sampling done last week, which may lend insight as to how to mitigate this problem.

Denniston Eucalyptus Trees

We are presently making plans to remove some trees around the Denniston Pump Station in order to reduce the hazards of falling branches damaging the equipment on site.

Hit Hydrant

An unknown motorist leaving from the Miramar Restaurant hit and broke the hydrant at the corner of Magellan and Mirada Road on 22 May. Crews replaced the hydrant the next week.

Regulatory Agency Interaction

California Department of Public Health (DPH)

- We have received permission from DPH to pilot a new coagulant product that will reduce chemical costs, be more effective coagulant, reduce polymer fouling of the contact clarifiers and reduce sludge volume. We will be starting in June.
- DPH will be conducting their annual site visit in July.
- I have confirmed that the Stage2 Disinfectant/Disinfectant By-Product Sampling will commence in November. They will be providing the updated forms this summer.

Safety/Training/Inspections/Meetings

Meetings Attended

- 1 May - Backflow Ordinance meeting with D. Dickson and JoAnne Whelen
- 8 May - Safety Training
- 9 May - Walked the path of the future San Vicente Pipeline with design engineer Kennedy/Jenks
- 13 May - Met with City of HMB planner to walk the San Benito Pipeline Project
- 14 May - Prebid walkthrough for the El Grenada Tank 2 Rehabilitation Project.
- 15 May - Cross Connection Webinar
- 22 May - Met with new JPIA representative Scott Wood and gave him a tour of Crystal Springs, Nunes and Denniston WTPs and El Grenada Tank 3.
- 26 May - O&M Staff Meeting
- 29 May - Met with biologist and CCC representative to walk Denniston Dredging Amendment area.

Safety Meetings and Training

There was no Safety Committee Meeting in May.

The monthly CINTAS safety training in May was on Outdoor/Environmental Hazards and Personal Protective Equipment. M. Whelen, Bruce, J. Whelen, Guistino, Jahns, and Winch were in attendance.

Operators were trained in how to properly install double containment pipe by Harrington Plastics. The crew will be installing this pipe as part of the Denniston potassium permanganate improvements in June.

Safety Equipment

- We purchased 2 new portable air monitors for confined spaces. The new ones are small and easier to use and replace our old ones which were no longer supported for calibration and repair.
- Denniston WTP was equipped with new face shields and goggles to be installed at each chemical feed station.
- Purchased another fire proof cabinet for flammables to be placed in the shop.

Tailgate safety sessions in January

- 6 May - Facing Up to Stress
- 13 May - Setting Up a Safe Traffic Control Zone
- 20 May - Hand Tools Deserve Respect
- 28 May - Lightning: The Underrated Killer

Projects

El Granada Tank 2 Renovation

The Notice To Contractors was sent out on 1 May and there was a mandatory prebid walkthrough on Tuesday, 14 May. We received 4 bids which were opened at 14:00 on Monday, 3 June. The low bid was from Paso Robles Tank Inc. for \$535,000. See Staff Report.

Avenue Portola Main Replacement

The contractor started work on this project on 15 May. The project will be complete by mid June.

Cahill Ladder Replacement

After a long delay, the new ladder is complete and is scheduled to be installed on 8 July.

STAFF REPORT

To: Board of Directors
From: Cathleen Brennan, Water Resources Analyst
Agenda: June 11, 2013
Subject: Water Resources

This informational report includes:

- Regional Conservation Program Participation for Fiscal Year 2014
-

The District has decided to continue to participate in specific regional conservation programs sponsored by the Bay Area Water Supply and Conservation Agency (BAWSCA) for fiscal year 2014. The advantages of participating in regional conservation programs sponsored by BAWSCA are the potential for grant funding (Prop 84 funds) and a regional marketing strategy at the point of purchase for toilets and clothes washers.

1. High Efficiency Toilet Rebate for Tank Toilets

This regional program offers an incentive of \$100 to replace existing tank style toilets with new high efficiency toilets that are EPA WaterSense® labeled. The District has rebated 50 toilets in fiscal year 2013, with another month to go in the fiscal year.

2. Residential High Efficiency Clothes Washers

This regional program offers an incentive to purchase and install high efficiency clothes washers. PG&E administers the rebate program with a combined water-energy rebate. With another month to go in fiscal year 2013, the District has approved 116 clothes washers for the water portion of the rebate (\$50) in our service area.

3. Lawn Be Gone! Rebate Program

This incentive program was implemented to encourage the removal of lawn (turf) and replace it with water efficient plants and irrigation systems. This program is for residential and commercial properties. The District had one application submitted in fiscal year 2013. To encourage more participation, the program has increased the rebate about from \$.50 per square foot to \$.75 per square foot of lawn removed.

4. School Assembly Program

BAWSCA has a contract with EarthCapades to perform at school assemblies at the primary schools. In fiscal year 2013, there were eight assemblies at four elementary schools within the District's service area.

5. Large Landscape Program

BAWSCA's large landscape program is managed by Waterfluence. Waterfluence provides irrigation reports for dedicated irrigation accounts within the District's service area that rely exclusively on the District for irrigation water. There are 33 sites that receive either monthly or bi-monthly reports on their actual water demand compared to a water budget based on evapo-transpiration (Eto) and site characteristics. In fiscal year 2014, Waterfluence will be adjusting the Eto data with new California irrigation management information system (CIMIS) data available by zip code for the District. There is no CIMIS station within the District's service area, so District staff has requested this adjustment.

BAWSCA, in coordination with member agencies, hosts residential landscape classes in the spring and the fall. The District has hosted these classes in the past, but has not been able to meet the minimum attendance required to make it cost effective. The District helps market the spring and fall classes and District customers can participate free of charge in classes held by other member agencies.

The District has implemented other water use efficiency programs and practices to supplement what BAWSCA offers and to satisfy the California Urban Water Conservation Council's Best Management Practices.

1. Rebates for commercial high efficiency (flushometer) toilets and urinals.
2. Notification to customers that have had high consumption.
3. Tours of the Nunes Water Treatment Plant for adults and children.
4. Annual water auditing of the District's system following AWWA's M36 methodology.
5. All water service connections are metered.
6. Tiered billing rate structure (conservation rates) for residential customers.
7. Resource materials on water efficient landscaping.
8. Education materials for teachers and students.
9. General public outreach on water use efficiency.
10. Ordinances on prohibitions on water waste and indoor water use efficiency.
11. Water efficient showerheads, faucet aerators, and garden hose nozzles available free of charge.
12. Toilet leak detection dye tablets and plumbing handbooks for leak repair available free of charge.