

COASTSIDE COUNTY WATER DISTRICT

MEETING OF THE BOARD OF DIRECTORS

498 Kelly Avenue, Half Moon Bay, CA

Tuesday, June 10, 2014 - 7:00 p.m.

***Please note the change in location for this meeting of the Coastside County Water District.
The meeting will be held in the Board Room of the Cabrillo Unified School District
498 Kelly Avenue, Half Moon Bay, CA***

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) 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, 2014:
Claims: \$534,437.25; Payroll: \$73,127.87 for a total of \$607,565.12 ([attachment](#))
➤ *May 2014 Monthly Financial Claims reviewed by Director Coverdell*
- B. Acceptance of Financial Reports ([attachment](#))
- C. Approval of Minutes of May 13, 2014 Special Board of Directors Meeting ([attachment](#))
- D. Approval of Minutes of May 13, 2014 Board of Directors Meeting ([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 2014 ([attachment](#))
- H. May 2014 Leak Report ([attachment](#))
- I. Rainfall Reports ([attachment](#))
- J. San Francisco Public Utilities Commission Hydrological Conditions Report for April, 2014 ([attachment](#))
- K. San Francisco Public Utilities Commission Hydrological Conditions Report for May, 2014 ([attachment](#))

5) MEETINGS ATTENDED / DIRECTOR COMMENTS

6) GENERAL BUSINESS

- A. SRT Proposal for Design of the Hazen's Tank Replacement Project ([attachment](#))
- B. Erler & Kalinowski, Inc. (EKI) Proposal for Design of Main Street Bridge Pipeline Replacement ([attachment](#))

- C. Proposed Fiscal Year 2014-2015 Budget, Fiscal Year 2014/15 to 2023/24 Capital Improvement Program, and Fiscal Year 2014/2015 to 2023/2024 Financing Plan ([attachment](#))
- 7) **GENERAL MANAGER'S REPORT - INCLUDING MONTHLY INFORMATIONAL REPORTS** ([attachment](#))
- SFPUC Drought Conditions Update
 - Administration Building Remodeling Project Status
 - Grand Jury Report
- A. Operations Report ([attachment](#))
 - B. Water Resources Report ([attachment](#))
- 8) **DIRECTOR AGENDA ITEMS - REQUESTS FOR FUTURE BOARD MEETINGS**
- 9) **ADJOURNMENT**

Accounts Payable

Checks by Date - Summary By Check Number

User: gbrazil
Printed: 6/3/2014 - 12:02 PM



Check Number	Vendor No	Vendor Name	Check Date	Void Checks	Check Amount
20070	ALL04	ALLIED WASTE SERVICES #9:	05/09/2014	0.00	343.64
20071	ATT02	AT&T	05/09/2014	0.00	1,967.02
20072	CUL01	CULLIGAN SANTA CLARA, C	05/09/2014	0.00	160.20
20073	HAS01	HASSETT HARDWARE	05/09/2014	0.00	762.97
20074	ICM01	VANTAGEPOINT TRANSFER /	05/09/2014	0.00	40.00
20075	KAI01	KAISER FOUNDATION HEAL	05/09/2014	0.00	12,807.60
20076	MAS01	MASS MUTUAL FINANCIAL G	05/09/2014	0.00	1,919.68
20077	PAC06	PACIFICA COMMUNITY TV	05/09/2014	0.00	500.00
20078	PUB01	PUB. EMP. RETIRE SYSTEM	05/09/2014	0.00	20,008.87
20079	SAN20	SAN FRANCISCO FIRE CREDI	05/09/2014	0.00	300.00
20080	STA03	CA DPH DRINKING WATER PI	05/09/2014	0.00	90.00
20081	VAL01	VALIC	05/09/2014	0.00	1,685.00
20082	ADP01	ADP, INC.	05/27/2014	0.00	505.00
20083	ADV02	FRANK YAMELLO	05/27/2014	0.00	235.00
20084	ALI01	ALIFANO TECHNOLOGIES LL	05/27/2014	0.00	135.13
20085	ALL01	ALLIANCE FOR WATER EFFIC	05/27/2014	0.00	500.00
20086	ANA01	ANALYTICAL ENVIRONMEN	05/27/2014	0.00	390.48
20087	AND01	ANDREINI BROS. INC.	05/27/2014	0.00	34,819.90
20088	ARC02	BRUCE WOODWORTH	05/27/2014	0.00	900.00
20089	ASS01	HEALTH BENEFITS ACWA-JPI	05/27/2014	0.00	23,244.70
20090	ATT03	AT&T LONG DISTANCE	05/27/2014	0.00	255.83
20091	AZT01	AZTEC GARDENS, INC.	05/27/2014	0.00	190.00
20092	BAL04	BALANCE HYDROLOGICS, IN	05/27/2014	0.00	5,860.30
20093	BAY10	BAY ALARM COMPANY	05/27/2014	0.00	1,719.99
20094	BFI02	BFI OF CALIFORNIA, INC.	05/27/2014	0.00	610.56
20095	BIG01	BIG CREEK LUMBER	05/27/2014	0.00	85.88
20096	BOR01	BORGES & MAHONEY, INC.	05/27/2014	0.00	1,142.20
20097	CAB01	CABRILLO UNIFIED SCHOOL	05/27/2014	0.00	4,200.00
20098	CAL06	CALIFORNIA GENERATOR SE	05/27/2014	0.00	14,994.19
20099	CAL08	CALCON SYSTEMS, INC.	05/27/2014	0.00	34,362.42
20100	CAL11	CALIFORNIA C.A.D. SOLUTIO	05/27/2014	0.00	1,500.00
20101	CAL20	CALIFORNIA UTILITIES	05/27/2014	0.00	500.00
20102	CAR02	CAROLYN STANFIELD	05/27/2014	0.00	485.00
20103	CHE01	CHEVRON/TEXACO UNIVERS	05/27/2014	0.00	2,108.96
20104	CHE04	CHEMTRADE CHEMICALS US	05/27/2014	0.00	2,311.76
20105	CIN01	CINTAS FIRST AID & SAFETY	05/27/2014	0.00	148.66
20106	CLI01	CLIFFORD BECHTEL	05/27/2014	0.00	350.00
20107	COA10	COASTSIDE FIRE PROTECTIO	05/27/2014	0.00	232.00
20108	COA19	COASTSIDE COUNTY WATER	05/27/2014	0.00	126.29
20109	CSI01	CSI SERVICES, INC.	05/27/2014	0.00	7,800.00
20110	DAT01	DATAPROSE, LLC	05/27/2014	0.00	4,297.38
20111	EVA01	JOHN W. EVANS	05/27/2014	0.00	5,500.00
20112	FIR06	FIRST NATIONAL BANK	05/27/2014	0.00	6,205.46
20113	GRA01	GRANDFLOW, INC.	05/27/2014	0.00	669.02
20114	GRA03	GRAINGER, INC.	05/27/2014	0.00	1,485.93

Check Number	Vendor No	Vendor Name	Check Date	Void Checks	Check Amount
20115	HAC01	HACH CO., INC.	05/27/2014	0.00	765.22
20116	HAL01	HMB BLDG. & GARDEN INC.	05/27/2014	0.00	72.21
20117	HAL04	HALF MOON BAY REVIEW	05/27/2014	0.00	1,084.00
20118	HAL24	H.M.B.AUTO PARTS	05/27/2014	0.00	145.52
20119	HAN01	HANSONBRIDGETT. LLP	05/27/2014	0.00	3,062.80
20120	HAU03	HAULAWAY STORAGE CONT	05/27/2014	0.00	140.10
20121	HYD01	HYDROSCIENCE ENGINEERS,	05/27/2014	0.00	1,390.00
20122	ICM01	VANTAGEPOINT TRANSFER /	05/27/2014	0.00	40.00
20123	INT01	INTEGRATED ID SYSTEMS, IN	05/27/2014	0.00	29.90
20124	IRO01	IRON MOUNTAIN	05/27/2014	0.00	366.98
20125	IRV01	IRVINE CONSULTING SERVIC	05/27/2014	0.00	5,967.00
20126	IRV02	IRVINE CONSULTING SERVIC	05/27/2014	0.00	3,297.60
20127	JAM01	JAMES FORD, INC.	05/27/2014	0.00	155.00
20128	JJA01	JJACPA, INC	05/27/2014	0.00	4,590.00
20129	JOH03	JOHN'S SALT SERVICE, INC	05/27/2014	0.00	3,452.40
20130	JOH04	JOHN BARBER	05/27/2014	0.00	400.00
20131	LOM01	GLENNA LOMBARDI	05/27/2014	0.00	531.96
20132	MAS01	MASS MUTUAL FINANCIAL G	05/27/2014	0.00	1,919.68
20133	MET06	METLIFE GROUP BENEFITS	05/27/2014	0.00	1,500.91
20134	MIS01	MISSION UNIFORM SERVICES	05/27/2014	0.00	243.68
20135	MOB01	MOBILE MODULAR MGMT CC	05/27/2014	0.00	779.65
20136	MON07	MONTEREY COUNTY LAB	05/27/2014	0.00	11,827.00
20137	MOU03	MICHAEL MOUNT	05/27/2014	0.00	200.00
20138	NTU01	NTU TECHNOLOGIES, INC	05/27/2014	0.00	1,102.00
20139	OFF01	OFFICE DEPOT	05/27/2014	0.00	1,273.64
20140	ONT01	ONTRAC	05/27/2014	0.00	460.93
20141	PAC01	PACIFIC GAS & ELECTRIC CO	05/27/2014	0.00	27,835.71
20142	PAC10	ITALO PACINI	05/27/2014	0.00	100.00
20143	PAP02	PAPE MACHINERY EXCHANG	05/27/2014	0.00	1,673.75
20144	PAS01	PASO ROBLES TANK, INC	05/27/2014	0.00	47,495.25
20145	PIT04	PITNEY BOWES	05/27/2014	0.00	198.00
20146	PRI01	PRINCETON WELDING , INC.	05/27/2014	0.00	604.65
20147	PUB01	PUB. EMP. RETIRE SYSTEM	05/27/2014	0.00	19,965.20
20148	PVS01	PVS MINIBULK, INC	05/27/2014	0.00	3,226.45
20149	R&B01	RICK JEFFERY	05/27/2014	0.00	60.90
20150	ROB01	ROBERTS & BRUNE CO.	05/27/2014	0.00	1,073.96
20151	ROG01	ROGUE WEB WORKS, LLC	05/27/2014	0.00	210.00
20152	SAN02	SAN MATEO CTY RESOURCE	05/27/2014	0.00	13,333.00
20153	SAN03	SAN FRANCISCO WATER DEP	05/27/2014	0.00	157,786.62
20154	SAN05	SAN MATEO CTY PUBLIC HE/	05/27/2014	0.00	720.00
20155	SAN20	SAN FRANCISCO FIRE CREDI	05/27/2014	0.00	300.00
20156	SER03	SERVICE PRESS	05/27/2014	0.00	3,259.84
20157	SEW01	SEWER AUTH. MID- COASTSI	05/27/2014	0.00	570.00
20158	SOF01	JULES SOFER	05/27/2014	0.00	100.00
20159	TEA02	TEAMSTERS LOCAL UNION #	05/27/2014	0.00	978.00
20160	TET01	JAMES TETER	05/27/2014	0.00	8,849.86
20161	VAL01	VALIC	05/27/2014	0.00	1,685.00
20162	WES11	WEST COAST AGGREGATES,	05/27/2014	0.00	736.31
20163	UB*01234	TROY-GENE DILLAHUNTY	05/28/2014	0.00	19.25
20164	UB*01240	ECKERT REALTY c/o LISA EC	05/28/2014	0.00	64.65
20165	UB*01242	PAULA FORESTER	05/28/2014	0.00	41.84
20166	UB*01236	FRANK GUARINO	05/28/2014	0.00	46.30
20167	UB*01238	JEANIE LARSON	05/28/2014	0.00	13.53
20168	UB*01239	STEVEN LEIBEL	05/28/2014	0.00	65.26
20169	UB*01241	MACHER REALTY INC	05/28/2014	0.00	75.00

Check Number	Vendor No	Vendor Name	Check Date	Void Checks	Check Amount
20170	UB*01237	ELIDA OETTEL	05/28/2014	0.00	7.98
20171	UB*01235	MIKE & LORETTA RHODES	05/28/2014	0.00	10.74
20172	UB*01243	DANIEL ZOUGHBIE	05/28/2014	0.00	75.00
Report Total:				0.00	534,437.25

COASTSIDE COUNTY WATER DISTRICT - PERIOD BUDGET ANALYSIS
31-May-14

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	627,013.96	658,973.00	(31,959.04)	-4.8%	7,363,346.94	7,170,289.00	193,057.94	2.7%
TOTAL OPERATING REVENUE		627,013.96	658,973.00	(31,959.04)	-4.8%	7,363,346.94	7,170,289.00	193,057.94	2.7%
NON-OPERATING REVENUE									
1-0-4170-00	Water Taken From Hydrants	1,189.34	2,083.33	(893.99)	-42.9%	26,204.67	22,916.67	3,288.00	14.3%
1-0-4180-00	Late Notice -10% Penalty	9,051.86	5,833.33	3,218.53	55.2%	74,313.12	64,166.67	10,146.45	15.8%
1-0-4230-00	Service Connections	1,439.04	666.66	772.38	115.9%	10,843.41	7,333.34	3,510.07	47.9%
1-0-4920-00	Interest Earned	0.00	0.00	0.00	0.0%	6,949.68	3,045.00	3,904.68	128.2%
1-0-4930-00	Tax Apportionments/Cnty Checks	1,723.52	5,000.00	(3,276.48)	0.0%	629,143.80	600,000.00	29,143.80	4.9%
1-0-4950-00	Miscellaneous Income	540.00	3,083.33	(2,543.33)	-82.5%	24,864.78	33,916.67	(9,051.89)	-26.7%
1-0-4955-00	Cell Site Lease Income	11,358.49	10,121.00	1,237.49	12.2%	123,726.44	111,331.00	12,395.44	11.1%
1-0-4965-00	ERAF REFUND -County Taxes	0.00	0.00	0.00	0.0%	356,353.13	200,000.00	156,353.13	0.0%
1-0-4990-00	Water Sales Refunded	0.00	0.00	0.00	0.0%	(3,191.52)	0.00	(3,191.52)	0.0%
TOTAL NON-OPERATING REVENUE		25,302.25	26,787.65	(1,485.40)	-5.5%	1,249,207.51	1,042,709.35	206,498.16	19.8%
TOTAL REVENUES		652,316.21	685,760.65	(33,444.44)	-4.9%	8,612,554.45	8,212,998.35	399,556.10	4.9%
OPERATING EXPENSES									
1-1-5130-00	Water Purchased	157,786.62	147,305.00	(10,481.62)	-7.1%	2,017,760.12	1,560,179.00	(457,581.12)	-29.3%
1-1-5230-00	Pump Exp, Nunes T P	2,052.98	2,456.00	403.02	16.4%	23,768.75	20,043.00	(3,725.75)	-18.6%
1-1-5231-00	Pump Exp, CSP Pump Station	16,412.14	1,000.00	(15,412.14)	-1541.2%	298,277.03	149,910.00	(148,367.03)	-99.0%
1-1-5232-00	Pump Exp, Trans. & Dist.	833.74	1,181.00	347.26	29.4%	10,244.00	12,623.00	2,379.00	18.8%
1-1-5233-00	Pump Exp, Pilarcitos Can.	1,529.94	150.00	(1,379.94)	-920.0%	8,968.24	24,845.00	15,876.76	63.9%
1-1-5234-00	Pump Exp. Denniston Proj.	6,609.17	16,195.00	9,585.83	59.2%	21,177.91	129,346.00	108,168.09	83.6%
1-1-5235-00	Denniston T.P. Operations	1,611.87	3,203.00	1,591.13	100.0%	11,546.76	24,992.00	13,445.24	53.8%
1-1-5236-00	Denniston T.P. Maintenance	578.91	3,167.00	2,588.09	81.7%	42,837.63	34,833.00	(8,004.63)	-23.0%
1-1-5240-00	Nunes T P Operations	10,677.33	5,617.00	(5,060.33)	-90.1%	56,692.67	66,401.00	9,708.33	14.6%
1-1-5241-00	Nunes T P Maintenance	2,146.28	3,750.00	1,603.72	42.8%	30,485.87	41,250.00	10,764.13	26.1%
1-1-5242-00	CSP Pump Station Operations	813.07	708.00	(105.07)	-14.8%	8,885.28	7,792.00	(1,093.28)	-14.0%
1-1-5243-00	CSP Pump Station Maintenance	672.34	3,333.00	2,660.66	79.8%	4,842.68	36,667.00	31,824.32	86.8%
1-1-5250-00	Laboratory Services	13,007.93	7,500.00	(5,507.93)	-73.4%	48,554.50	47,500.00	(1,054.50)	-2.2%
1-1-5318-00	Studies/Surveys/Consulting	0.00	6,250.00	6,250.00	100.0%	14,036.01	68,750.00	54,713.99	79.6%
1-1-5321-00	Water Conservation	1,984.00	4,833.00	2,849.00	58.9%	30,658.17	53,167.00	22,508.83	42.3%
1-1-5322-00	Community Outreach	5,149.84	2,641.66	(2,508.18)	-94.9%	16,174.19	29,058.34	12,884.15	44.3%
1-1-5411-00	Salaries & Wages -Field	76,918.99	72,802.46	(4,116.53)	-5.7%	893,418.84	873,629.54	(19,789.30)	-2.3%
1-1-5412-00	Maintenance -General	6,586.79	14,042.00	7,455.21	53.1%	162,334.70	154,458.00	(7,876.70)	-5.1%
1-1-5414-00	Motor Vehicle Expense	4,083.23	4,221.00	137.77	3.3%	44,569.65	46,429.00	1,859.35	4.0%

ACCOUNT	DESCRIPTION	CURRENT ACTUAL	CURRENT BUDGET	B/(W) VARIANCE	B/(W) % VAR	YTD ACTUAL	YTD BUDGET	B/(W) VARIANCE	B/(W) % VAR
1-1-5415-00	Maintenance -Well Fields	0.00	833.00	833.00	100.0%	520.91	9,167.00	8,646.09	94.3%
1-1-5610-00	Salaries/Wages-Administration	49,277.66	52,241.00	2,963.34	5.7%	598,460.88	626,892.00	28,431.12	4.5%
1-1-5620-00	Office Supplies & Expense	8,931.07	11,885.41	2,954.34	24.9%	137,141.09	130,739.59	(6,401.50)	-4.9%
1-1-5621-00	Computer Services	7,102.41	6,655.00	(447.41)	-6.7%	48,685.08	73,205.00	24,519.92	33.5%
1-1-5625-00	Meetings / Training / Seminars	1,155.96	1,666.66	510.70	30.6%	19,346.34	18,333.34	(1,013.00)	-5.5%
1-1-5630-00	Insurance	5,864.83	6,250.00	385.17	6.2%	92,422.02	108,750.00	16,327.98	15.0%
1-1-5635-00	EE/Ret. Medical Insurance	35,021.80	34,173.08	(848.72)	-2.5%	355,796.96	375,903.92	20,106.96	5.3%
1-1-5640-00	Employees Retirement Plan	37,390.09	36,934.00	(456.09)	-1.2%	426,831.71	443,208.00	16,376.29	3.7%
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	1,915.40	5,000.00	3,084.60	61.7%	36,946.20	55,000.00	18,053.80	32.8%
1-1-5682-00	Engineering	480.00	1,166.66	686.66	58.9%	4,996.00	12,833.34	7,837.34	61.1%
1-1-5683-00	Financial Services	4,590.00	0.00	(4,590.00)	0.0%	21,237.50	24,000.00	2,762.50	0.0%
1-1-5684-00	Payroll Tax Expense	9,667.43	8,968.46	(698.97)	-7.8%	107,111.51	107,621.54	510.03	0.5%
1-1-5687-00	Membership, Dues, Subscript.	675.00	5,684.16	5,009.16	88.1%	48,357.65	62,525.84	14,168.19	22.7%
1-1-5688-00	Election Expenses	0.00	0.00	0.00	0.0%	21,676.93	25,000.00	3,323.07	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	1,391.66	1,391.66	0.0%	10,343.22	15,308.34	4,965.12	0.0%
1-1-5705-00	State Fees	0.00	1,166.66	1,166.66	0.0%	17,401.96	12,833.34	(4,568.62)	0.0%
TOTAL OPERATING EXPENSES		471,526.82	474,870.87	3,344.05	0.7%	5,692,508.96	5,488,694.13	(203,814.83)	-3.7%
CAPITAL ACCOUNTS									
1-1-5711-00	Debt Srvc/Existing Bonds 1998A	0.00	0.00	0.00	0.0%	266,888.67	266,890.00	1.33	0.0%
1-1-5712-00	Debt Srvc/Existing Bonds 2006B	0.00	0.00	0.00	0.0%	484,762.76	483,859.00	(903.76)	0.0%
1-1-5715-00	Debt Srvc/CIEDB 11-099 (I-BANK)	0.00	0.00	0.00	0.0%	353,142.61	353,143.00	0.39	0.0%
TOTAL CAPITAL ACCOUNTS		0.00	0.00	0.00	0.0%	1,104,794.04	1,103,892.00	(902.04)	-0.1%
TOTAL EXPENSES		471,526.82	474,870.87	3,344.05	0.7%	6,797,303.00	6,592,586.13	(204,716.87)	-3.1%
NET INCOME		180,789.39		1,815,251.45					

**COASTSIDE COUNTY WATER DISTRICT
MONTHLY INVESTMENT REPORT
May 31, 2014**

RESERVE BALANCES

CAPITAL AND OPERATING RESERVE	\$2,591,873.72
RATE STABILIZATION RESERVE	\$250,000.00

TOTAL DISTRICT RESERVES	\$2,841,873.72
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ACCOUNT DETAIL

ACCOUNTS WITH FIRST NATIONAL BANK (FNB)	
CHECKING ACCOUNT	\$1,213,730.11
CSP T & S ACCOUNT	\$609,267.12

LOCAL AGENCY INVESTMENT FUND (LAIF) BALANCE	\$1,018,246.49
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DISTRICT CASH ON HAND	\$630.00
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TOTAL ACCOUNT BALANCES	\$2,841,873.72
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This report is in conformity with CCWD's Investment Policy.

**COASTSIDE COUNTY WATER DISTRICT
APPROVED CAPITAL IMPROVEMENT PROJECTS
FISCAL YEAR 2013-2014**

5/31/2014

		Approved CIP Budget FY13/14	Actual To Date FY 13/14	Projected Year-End FY 13/14	Projected vs. Budget Variance	% Completed	Project Status/ Comments
EQUIPMENT PURCHASE & REPLACEMENT							
99-03	Computer System	\$ 5,000	\$ 9,261	\$ 6,104	\$ (1,104)	100%	
99-04	Office Equipment/Furniture	\$ 3,000	\$ 565	\$ 3,000	\$ -	19%	
06-03	SCADA / Telemetry / Electrical Controls	\$ 250,000	\$ 41,651	\$ 100,000	\$ 100,000	17%	Initial phase \$75K

FACILITIES & MAINTENANCE

08-08	PRV Valves Replacement Program	\$ 30,000	\$ 13,741	\$ 30,000	\$ -	46%	Montecito done, will do another this FY
09-09	Fire Hydrant Replacement	\$ 20,000	\$ 23,551	\$ 23,551	\$ (3,551)	100%	
09-23	District Digital Mapping	\$ 50,000	\$ 20,000	\$ 50,000	\$ -	40%	
14-11	Replace 2" and Larger Meters with Omni Meters	\$ 30,000	\$ 15,277	\$ 30,000	\$ -	51%	Replaced 3" Rocket Farms meter in October
14-12	Harbor District Vault & Meter Replacement	\$ 70,000	\$ 30,015	\$ 30,015	\$ 39,985	100%	Complete (costs not in as of 1/31)
14-15	Replace Administration Building Roof	\$ 30,000		\$ -	\$ 30,000	0%	To be included in fire cleanup construction
99-01	Meter Change Program	\$ 20,000		\$ -	\$ 20,000	0%	On hold pending AMI planning

PIPELINE PROJECTS

06-01	Avenue Cabrillo Phase 2 & 3 Pipeline Replacement	\$ 246,000	\$ 346,899	\$ 340,000	\$ (94,000)	100%	Complete
10-02	Bridgeport Drive Pipeline Replacement Project	\$ 110,000	\$ 29,115	\$ 50,000	\$ 60,000	26%	K/J working on hydraulic model for design input
12-03	Crystal Springs Pipeline Air/Vacuum Valves	\$ 20,000		\$ -	\$ 20,000	0%	FY15
13-02	Replace 8 Inch Pipeline Under Creek at Pilarcitos Ave	\$ 25,000		\$ -	\$ 25,000	0%	J Teter will design FY15

PUMP STATIONS / TANKS / WELLS

06-04	Hazen's Tank Replacement	\$ 400,000		\$ 25,000	\$ 375,000	0%	Obtaining proposal for design
08-14	Alves Tank Recoating, Interior & Exterior	\$ 400,000		\$ -	\$ 400,000	0%	Will not be completed in FY14
08-17	EI Granada Tank #2 Recoating & Ladder	\$ 300,000	\$ 407,315	\$ 550,000	\$ (250,000)	136%	Work in progress 1/14, completion 4/14
11-03	Miramar Tank Altitude Valve Replacement	\$ 30,000	\$ 18,862	\$ 18,862	\$ 11,138	100%	Complete
12-06	CSPS Surge Tank Control Improvements	\$ 80,000	\$ 25,039	\$ 32,000	\$ 48,000	90%	Calcon to complete week of 5/5/14
12-09	EI Granada Tank # 2 Fence Replacement	\$ 25,000		\$ -	\$ 25,000	0%	Included in Project 08-17
12-11	Miramar Tank Fence Replacement	\$ 25,000		\$ 25,000	\$ -	0%	Planned for 5/14
13-08	Crystal Springs Spare 350 HP Pump and Motor	\$ 50,000		\$ 45,000	\$ 5,000	0%	Ordered 12/13
14-17	Crystal Springs Pump Station Electrical Controls Upgrades	\$ 50,000		\$ -	\$ 50,000	0%	Calcon developing scope and budget
14-23	Alves Tank Generator Enclosure	\$ 15,000	\$ 14,994	\$ 15,000	\$ -	100%	Contractor has completed

WATER SUPPLY DEVELOPMENT

12-12	San Vicente Diversion and Pipeline	\$ 300,000	\$ 26,407	\$ 30,000	\$ 270,000	9%	K/J has done preliminary hydraulic evaluation
13-12	CCWD-MWSD Emergency Intertie - Planning	\$ 25,000		\$ -	\$ 25,000	0%	On hold pending further discussion with MWSD
14-24	Denniston/San Vicente EIR & Permitting	\$ 100,000	\$ 126,824	\$ 140,000	\$ (40,000)	127%	Working with AES to complete draft EIR
14-25	Water Shortage Plan Development	\$ 50,000		\$ 35,000	\$ 15,000	0%	2/11/14 awarded \$35K contract to HF&H

WATER TREATMENT PLANTS

12-04	Denniston Treated Water Booster Station	\$ 600,000		\$ -	\$ 600,000	0%	Need hydraulic model before final design
12-05	Nunes Access Road Repaving	\$ 100,000	\$ 7,552	\$ 2,258	\$ 97,742	8%	Move to FY15
12-14	Nunes - Hydropneumatic Systems Improvement	\$ 40,000	\$ 628	\$ 75,000	\$ (35,000)	2%	2/11/14 awarded to Pump Repair Svc. \$71K
14-02	Nunes - Replace Sludge Pond Media	\$ 25,000		\$ 25,000	\$ -	0%	
14-04	Denniston - Dust Control	\$ 10,000		\$ 10,000	\$ -	0%	
14-07	Nunes - New Surface Scatter 7 Turbidimeter	\$ 7,000	\$ 9,935	\$ 8,000	\$ (1,000)	100%	Complete
14-08	Nunes - New Storage Container	\$ 7,000		\$ 7,000	\$ -	0%	
14-10	Nunes - Emergency Power Switchgear	\$ 30,000	\$ 26,142	\$ 26,142	\$ 3,858	100%	Complete
99-05	Denniston Maintenance Dredging	\$ 60,000	\$ 45,465	\$ 35,190	\$ 24,810	100%	Complete

FY 13/14 TOTALS \$ 3,638,000 \$ 1,239,237 \$ 1,767,122 \$ 1,635,548

**COASTSIDE COUNTY WATER DISTRICT
 APPROVED CAPITAL IMPROVEMENT PROJECTS
 FISCAL YEAR 2013-2014**

5/31/2014

Approved CIP Budget FY13/14	Actual To Date FY 13/14	Projected Year-End FY 13/14	Projected vs. Budget Variance	% Completed	Project Status/ Comments
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Previous CIP Projects - paid in FY 13/14

Cahill Tank Repairs	\$ 5,860	\$ 5,860			
Avenue Portola Pipeline Replacement	\$ 114,019	\$ 114,019			
Denniston WTP Improvement Project	\$ 292	\$ 292			
Nunes - Replace Washwater Return Pump #2	\$ 124	\$ 124			
Denniston Water Supply Development	\$ 29,316	\$ 29,316			
Server Upgrade (labor)	\$ 6,300	\$ 6,300			
Hazen's Tank Fence (completed in FY 11/12) - Retention	\$ 1,637	\$ 1,637			

PREVIOUS YEAR TOTALS \$ - \$ 157,546 \$ 157,546 \$ (157,546)

UNSCHEDULED ITEMS (CAPITAL EXPENDITURES) FOR CURRENT FISCAL YEAR 13/14

San Benito Pipeline Replacement Project	\$ 36,341	\$ 36,341			
Denniston - Magnetic Flow Meter	\$ 2,480	\$ 2,480			
Pilarcitos Blending Station	\$ 989	\$ 989			
Nunes Legacy Backwash System Removal	\$ 6,455	\$ 6,455			
Denniston Backwash FTW Valves	\$ 9,518	\$ 9,518			
Denniston Creek Wash Water Recovery Pump	\$ 25,170	\$ 25,170			
Nunes Control System Upgrades	\$ 55,364	\$ 55,364			
District Office Fire 2014	\$ 49,710	\$ 49,710			
District Office Remodel 2014	\$ 15,728	\$ 15,728			
Pilarcitos Road Improvement 2014	\$ 13,333	\$ 13,333			

NON-BUDGETED TOTALS \$ - \$ 215,088 \$ 215,088 \$ (215,088)

CIP TOTALS \$ 3,638,000 \$ 1,611,872 \$ 2,139,757 \$ 1,262,913

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

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

Month	Admin & Retainer	CIP	Studies & Projects	TOTAL	Reimbursable from Projects
Jun-13	949	2,518	8,994	12,461	8,994
Jul-13	583	10,150	45	10,779	45
Aug-13	240	1,014	169	1,423	169
Sep-13	480	3,929	1,014	5,423	1,014
Oct-13	649	797	1,606	3,052	1,606
Nov-13	987	544	433	1,964	433
Dec-13	240			240	
Jan-14	480		1,521	2,001	1,521
Feb-14	480		423	903	423
Mar-14	480	1,606	930	3,015	930
Apr-14	480	2,005	169	2,654	169
May-14	480	5,463	2,907	8,850	2,907
TOTAL	6,528	28,026	18,210	52,764	18,210

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

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

Month	Admin & Retainer	CIP	Studies & Projects	TOTAL	Reimbursable from Projects
Jun-13	949	2,518	8,994	12,461	8,994
Jul-13	583	10,150	45	10,779	45
Aug-13	240	1,014	169	1,423	169
Sep-13	480	3,929	1,014	5,423	1,014
Oct-13	649	797	1,606	3,052	1,606
Nov-13	987	544	433	1,964	433
Dec-13	240			240	
Jan-14	480		1,521	2,001	1,521
Feb-14	480		423	903	423
Mar-14	480	1,606	930	3,015	930
Apr-14	480	2,005	169	2,654	169
May-14	480	5,463	2,907	8,850	2,907
TOTAL	6,528	28,026	18,210	52,764	18,210

Calcon T&M Projects Tracking

Project No.	Name	Acct No.	Proposal Date	Approved Date	Project Budget	Billing Date							Project Total Billing	Project Budget Remaining	CIP Project	
						9/30/13	10/31/13	11/30/13	12/31/13	1/31/14	2/28/14	3/31/14				4/30/14
CAL-13-EMG	Emergency Callout								\$3,017.30	\$2,795.00	\$4,251.56	\$ 6,210.17				
CAL-13-00	Calcon Project Admin/Miscellaneous					\$992.50							\$992.50			
CAL-13-01	EG Tank 2 Recoating Project		9/30/13	10/8/13	\$8,220.00		\$1,455.00	\$2,195.00	\$1,125.00	\$1,600.00			\$6,375.00	\$1,845.00	08-17	
CAL-13-02	Nunes Control System Upgrades		9/30/13	10/8/13	\$46,141.00		\$55,363.60						\$55,363.60	-\$9,222.60	FY13 CIP	
CAL-13-03	Win 911 and PLC Software		9/30/13	10/8/13	\$9,717.00		\$7,636.74	\$2,660.00				\$ 1,935.00	\$12,231.74	-\$2,514.74		
CAL-13-04	Crystal Springs Surge Tank Retrofit		11/26/13	11/27/13	\$31,912.21			\$3,740.00		\$3,494.00	\$7,524.79	\$ 31,964.53	\$46,723.32	-\$14,811.11	6-Dec	
CAL-13-05													\$0.00	\$0.00		
CAL-13-06	Nunes Legacy Backwash System Removal		11/25/13	11/26/13	\$6,516.75			\$6,455.00					\$6,455.00	\$61.75		
CAL-13-07	Denniston Backwash FTW Valves		11/26/13	11/27/13	\$6,914.21			\$925.00	\$3,748.28	\$4,170.00	\$675.00		\$9,518.28	-\$2,604.07		
CAL-14-01	Denniston Wash Water Return Retrofit		1/28/14	2/14/14	\$13,607.00					\$4,950.00	\$8,641.60					
CAL-14-03	Nunes Surface Scatter Turbidimeter															
CAL-14-04	Phase I Control System Upgrade											\$ 9,670.00				
					\$123,028.17	\$992.50	\$64,455.34	\$15,975.00	\$4,873.28	\$14,214.00	\$16,841.39	\$9,670.00	\$33,899.53	\$136,666.94	-\$27,245.77	

COASTSIDE COUNTY WATER DISTRICT

766 MAIN STREET

HALF MOON BAY, CA 94019

MINUTES OF THE SPECIAL MEETING OF THE BOARD OF DIRECTORS

Tuesday, May 13, 2014

- 1) **ROLL CALL** - The Closed Session convened at 6:00 p.m. Present at roll call: Directors Ken Coverdell, Steve Flint, and Arnie Glassberg, Vice-President Chris Mickelsen and President Glenn Reynolds. David Dickson, General Manager, was also present.
- 2) **PUBLIC COMMENT** - There were no public comments.
- 3) **CLOSED SESSION**
 - A. **Conference with Labor Negotiator**
Pursuant to California Government Code §54957.6
Agency Designated Representatives: General Manager
Employee Organization: Teamsters Union, Local 856
- 4) **RECONVENE TO OPEN SESSION**

The Closed Session concluded at 6:58 p.m., and the Board reconvened to open session, at which time it was reported that no action was taken in closed session.
- 5) **ADJOURNMENT** - The special meeting was adjourned at 7:00 p.m.

Respectfully submitted,

David R. Dickson, General Manager
Secretary of the District

Glenn Reynolds, President
Board of Directors

COASTSIDE COUNTY WATER DISTRICT

BOARD OF DIRECTORS MEETING

**CONDUCTED AT THE
CABRILLO UNIFIED SCHOOL DISTRICT
498 KELLY AVENUE, HALF MOON BAY, CA 94019**

MINUTES OF THE TUESDAY, MAY 13, 2014 BOARD OF DIRECTORS MEETING

- 1) **ROLL CALL:** President Glenn Reynolds called the meeting to order at 7:06 p.m. Present at roll call: Directors Ken Coverdell, Steve Flint, Arnie Glassberg and Vice-President Mickelsen.

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

- 2) **PLEDGE OF ALLEGIANCE**

- 3) **PUBLIC COMMENT:** Director Coverdell requested a moment of silence in remembrance of Eddie Andreini, a coastside resident who passed away recently.

Mr. Dickson took this opportunity to introduce Rob Hopkins, the new Sewer Authority Mid-Coastside (SAM) Manager. Mr. Hopkins thanked everyone and commented that he was looking forward to setting up a positive and cooperative working relationship with all of the local agencies.

- 4) **CONSENT CALENDAR**

- A. Approval of disbursements for the month ending April 30, 2014:
Claims: \$465,026.87; Payroll: \$76,595.63; for a total of \$ 541,622.50
➤ *April 2014 Monthly Financial Claims reviewed by Vice-President Mickelsen*
- B. Acceptance of Financial Reports
- C. Approval of Minutes of April 8, 2014 Board of Directors Meeting
- D. Approval of Minutes of April 29, 2014 Special Board of Directors Meeting
- E. Installed Water Connection Capacity and Water Meters Report
- F. Total CCWD Production Report
- G. CCWD Monthly Sales by Category Report - April 2014
- H. April 2014 Leak Report
- I. Rainfall Reports

- J. San Francisco Public Utilities Commission Hydrological Conditions Report for March, 2014

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

ON MOTION BY Director Coverdell and seconded by Director Glassberg, the Board voted as follows, to accept and approve the Consent Calendar in its entirety:

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

5) MEETINGS ATTENDED / DIRECTOR COMMENTS

President Reynolds reported that he had attended a conference on education criteria for water utility operators, which was designed to set national policy guidelines.

6) GENERAL BUSINESS

A. Second Amendment to Ailanto Properties Water Service Agreement

Mr. Dickson introduced this item, and recommended approval of the extension of the water service agreement deadline for commencement of water system installation until April 1st of 2016. Director Coverdell suggested that the date be amended to April 30th of 2016.

ON MOTION BY Director Coverdell and seconded by Director Flint, the Board voted as follows, to approve the Second Amendment to Water Service Agreement for the Ailanto Properties Pacific Ridge Subdivision with a revision of the date for commencement of the installation to be changed from April 1, 2016 to April 30, 2016:

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

Mr. Albert Fong, President of Ailanto Properties, expressed his appreciation to the District for granting the extension.

B. Erler & Kalinowski, Inc. (EKI) Proposal for Main Street Bridge Pipeline Alternatives Evaluation

Mr. Dickson distributed photographs showing the current condition of the District's Main Street Bridge Pipeline. He reviewed the background of this project, noting the age and corroded condition of the welded steel pipe. Mr. Dickson emphasized that he believed it was important for the District to proceed with evaluating the feasibility, costs, and benefits of replacement options, including an alternative alignment that would take the District's permanent pipeline off of the City of Half Moon Bay's bridge. He recommended that the District contract with Erler & Kalinowski, Inc. (EKI) Engineers to evaluate the replacement alternatives. He answered a few questions from the Board and reviewed details of EKI's proposal.

Jeff Tarantino, EKI Project Manager, briefly addressed the Board and discussion ensued. The Board indicated a preference for proceeding with design of the alternative, off-bridge alignment and directed staff to come back with a design proposal and preliminary cost estimate for the alternative alignment.

C. Authorization to Enter into Contracts for Administration Building Repair/Remodeling Project

Mr. Dickson introduced Pat Del Gavio with the Del Gavio Group and recognized John Evans, Architect, both in attendance. He updated the Board on the progress of the repair/remodeling and reviewed the action necessary to proceed with the project, with an emphasis on the budget, plans, and scope of work and the comparison of construction costs. He also explained that staff is now ready to proceed to construction based on an approach in which the District will act as the general contractor, with Del Gavio Group providing project oversight and management. He emphasized that, considering the Project's limited overall scope and cost, staff believes that this proposed approach will be the most efficient way for the District to proceed with the Project. He added that the alternative of creating detailed plans and specifications for the entire Project, then soliciting sealed competitive bids, would require more time and would add significantly to the cost. Mr. Dickson and Mr. Miyaki further explained that the District's Policies and Procedures for Award of Contracts requires formal competitive bidding when the estimated cost will exceed \$30,000 and informal bidding when the estimated costs will be between \$15,000-\$30,000 for both construction contracts and contracts for the purchase of materials and supplies. It was also explained that the Policies and Procedures for Award of Contracts states that the Board of Directors may waive these requirements when the Board determines it is

in the best interest of the District, which is staff's belief with regards to this Project. Discussion ensued, with Mr. Dickson, Ms. Del Gavio, and Mr. Evans answering the Board's questions.

ON MOTION BY Director Glassberg and seconded by Vice-President Mickelsen, the Board voted as follows, by roll call vote, to take the following actions

1. Authorize staff to proceed with the Project at an approximate total cost of \$400,000, of which \$80,000 - \$100,000 will be covered by insurance proceeds.
2. Authorize staff to contract with the Del Gavio Group for design and project management on a time-and-materials basis for an estimated cost of \$55,000.
3. Authorize staff to contract with S&H Renovations for construction at a cost not to exceed \$185,000.
4. Authorize staff to award additional contracts and procure materials as necessary to complete the Project within the approved total cost.
5. Based on the need to complete the Project in the most expeditious and efficient possible manner, waive the requirements in Resolution No. 2012-01, the Policies and Procedures for Award of Contracts, for obtaining sealed competitive bids, with respect to the construction contract with S&H Renovations and to the contract to be awarded for the HVAC element of the Project, cost of both of which will exceed \$30,000.

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

D. Resolution 2014-02 - Urging Heightened Water Use Efficiency

Ms. Brennan provided the background of this agenda item, explaining that staff is recommending adoption of the Resolution to formally recognize that California is in a severe statewide drought, and to urge District customers to increase their water use efficiency efforts and to refrain from wasting water. She answered a few questions from the Board about the District's increased outreach efforts and continued planning for a water shortage emergency.

ON MOTION BY Director Coverdell and seconded by Director Flint, the Board voted as follows, by roll call vote, to adopt Resolution 2014-02 recognizing that California is in a severe statewide drought and that there is the need for heightened water use efficiency:

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

E. Proposed Addition of Assistant General Manager for Administration and Finance Position

Mr. Dickson explained that the demands of the District's administrative functions have grown and are difficult to meet with the current staff. He outlined the areas of responsibilities requiring additional support and expertise, including personnel and benefits administration, accounting, utility billing, customer service, budgeting, contract administration, information technology management, assistance with strategic planning activities and more. He also noted the many benefits of bringing in another managerial level position for the District and outlined the costs that would be involved. Director Glassberg commented that this proposed position has been discussed often at previous Board and committee meetings and that he was in favor of this additional District position. Director Flint expressed his support, stating that he feels the need for this additional position is very clear. Discussion ensued regarding the functions of this new position, the timing of adding District staff, and the preparation of the job description for the Board's approval.

ON MOTION BY Director Flint and seconded by Director Glassberg, the Board voted as follows, by roll call vote, to approve the addition of a permanent Assistant General Manager for Finance and Administration position to the District staff.

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

F. Proposed Fiscal Year 2014-2015 Budget, Fiscal Year 2014/2015 to 2023/2024 Capital Improvement Program, and Fiscal Year 2014/2015 to 2023/2024 Financing Plan

Mr. Dickson reminded the Board that as a matter of routine, staff presents the proposed budget at each public meeting between the time that the proposed budget is first presented in April and the public hearing at the conclusion of the budget process at the end of June. He advised the Board that the notice of rate increase and public hearing has been mailed to District customers and the proposed budget is once again being presented for review. Director Coverdell and President Reynolds stated that they were very impressed with the budget preparation and presentation, especially with regards to the thoroughness and detailed Capital Improvement Program Budget.

7) **GENERAL MANAGER'S REPORT - INCLUDING MONTHLY INFORMATIONAL REPORTS**

Mr. Dickson directed attention to the Superintendent of Operations Report.

Operations Report

Mr. Guistino reviewed the highlights from his monthly report, including the El Granada Tank 2 renovation project, and updated the Board on the source of water supply for the month.

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

Director Coverdell inquired about the status of water connections for failed wells located in the City of Half Moon Bay and the County of San Mateo. The Board members also thanked staff for distributing the weekly Water Production Report, which they agreed is a very valuable report.

9) **ADJOURNMENT** - The meeting was adjourned at 8:49 p.m.

Respectfully submitted,

David R. Dickson, General Manager
Secretary of the District

Glenn Reynolds, President
Board of Directors

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

FY 2014

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	2	2		2			1	1		2		11
3/4" meter					3	1				2			6
1" meter													0
2" meter													0
3" meter													0
HMB Priority													
0.5" capacity increase													0
5/8" meter											1		1
3/4" meter													0
1" meter						1							1
1 1/2" meter											1		1
2" meter						1							1
County Non-Priority													
0.5" capacity increase		0.5											
5/8" meter										1			1
3/4" meter													0
1" meter													0
County Priority													
5/8" meter			1				1				1		3
3/4" meter													0
1" meter													0
Monthly Total	1	2.5	3	0	5	3	1	1	1	3	5	0	25

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	1	2	2		5	1		1	1	2	2		17
HMB Priority						10.5					6		16.5
County Non-Priority		0.5								1			1.5
County Priority			1				1				1		3
Monthly Total	1	2.5	3	0	5	11.5	1	1	1	3	9	0	38

TOTAL CCWD PRODUCTION (MG) ALL SOURCES- FY 2014

	PILARCITOS WELLS	PILARCITOS LAKE	DENNISTON WELLS	DENNISTON RESERVOIR	CRYSTAL SPRINGS RESERVOIR	RAW WATER TOTAL	UNMETERED WATER	TREATED TOTAL
JUL	0.00	0.00	0.00	0.00	75.61	75.61	0.40	75.21
AUG	0.00	0.00	0.00	0.00	84.56	84.56	-0.18	84.74
SEPT	0.00	0.00	0.00	0.00	66.04	66.04	0.21	65.83
OCT	0.00	0.00	0.00	0.00	68.72	68.72	-0.09	68.81
NOV	1.82	0.00	0.00	0.00	56.17	57.99	0.13	57.86
DEC	0.76	0.00	0.00	0.00	55.12	55.88	0.07	55.81
JAN	0.00	0.00	0.00	0.46	57.17	57.63	1.10	56.53
FEB	2.97	0.00	0.00	2.33	35.25	40.55	1.61	38.94
MAR	1.78	0.00	0.25	8.86	31.25	42.14	-0.38	42.52
APR	0.00	19.89	0.92	12.58	19.70	53.09	0.21	52.88
MAY	0.00	16.79	0.83	7.89	50.40	75.91	-0.06	75.97
JUN								
TOTAL	7.33	36.68	2.00	32.12	599.99	678.12	3.02	675.10
% MONTHLY TOTAL	0.00%	22.10%	1.09%	10.39%	66.34%	100.00%	-0.08%	100.08%
% ANNUAL TO DATE TOTAL	1.1%	5.4%	0.3%	4.7%	88.5%	100.0%	0.44%	99.6%

12 Month Running Treated Total

744.12

TOTAL CCWD PRODUCTION (MG) ALL SOURCES- FY 2013

denotes estimated due to faulty SFPUC meter

	PILARCITOS WELLS	PILARCITOS 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	0	0.00	0.17	7.25	62.13	69.55	0.52	69.03
	42.41	135.03	0.67	39.56	447.70	745.29	4.95	740.34
TOTAL	42.41	135.03	0.67	39.56	447.70	745.29	4.95	740.34
% TOTAL	5.7%	18.1%	0.1%	5.3%	60.1%	89.3%	0.66%	99.3%

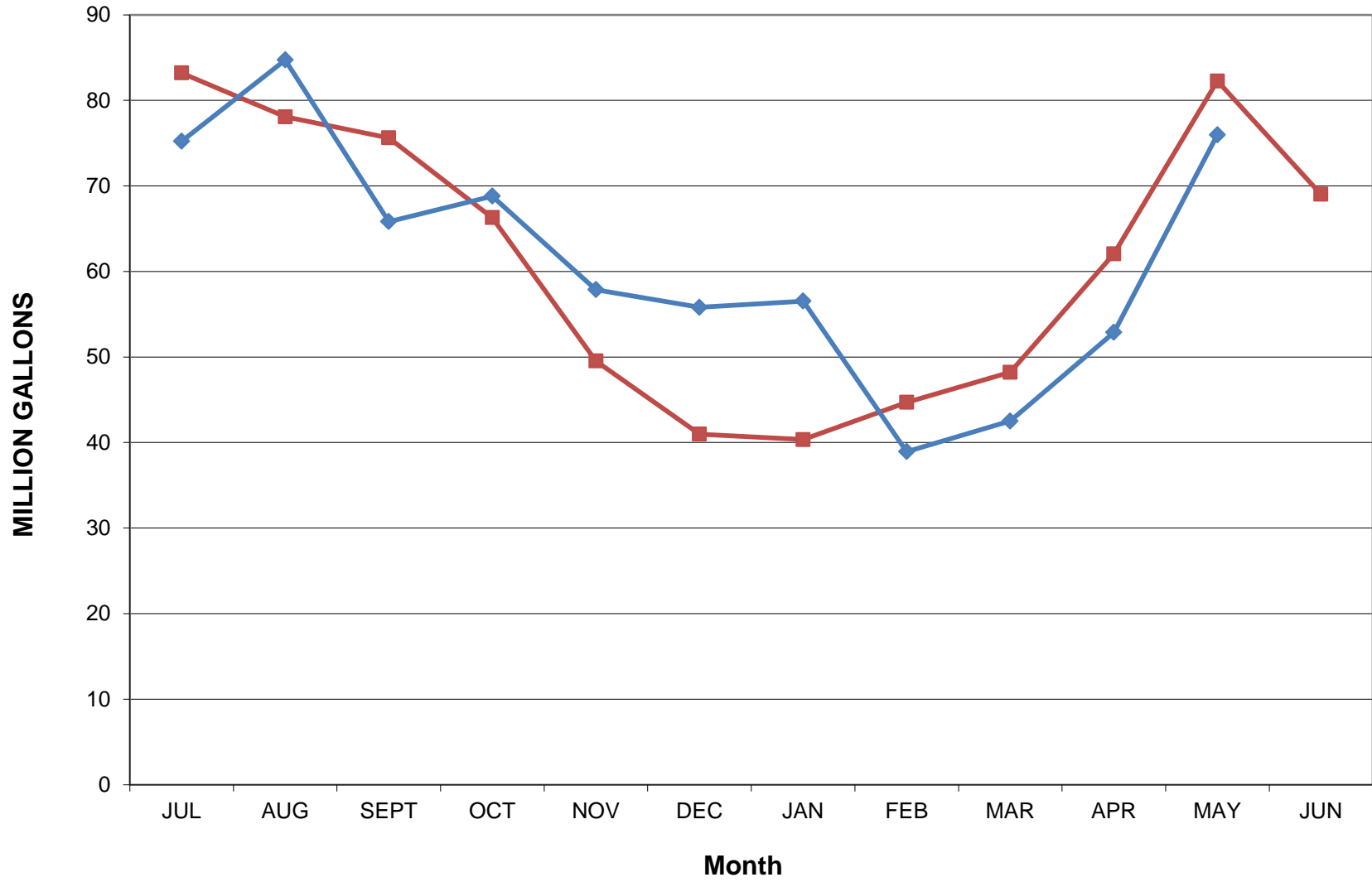
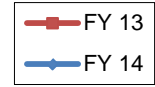
COASTSIDE COUNTY WATER DISTRICT

Predicted vs Actual Production - All Sources FY 14

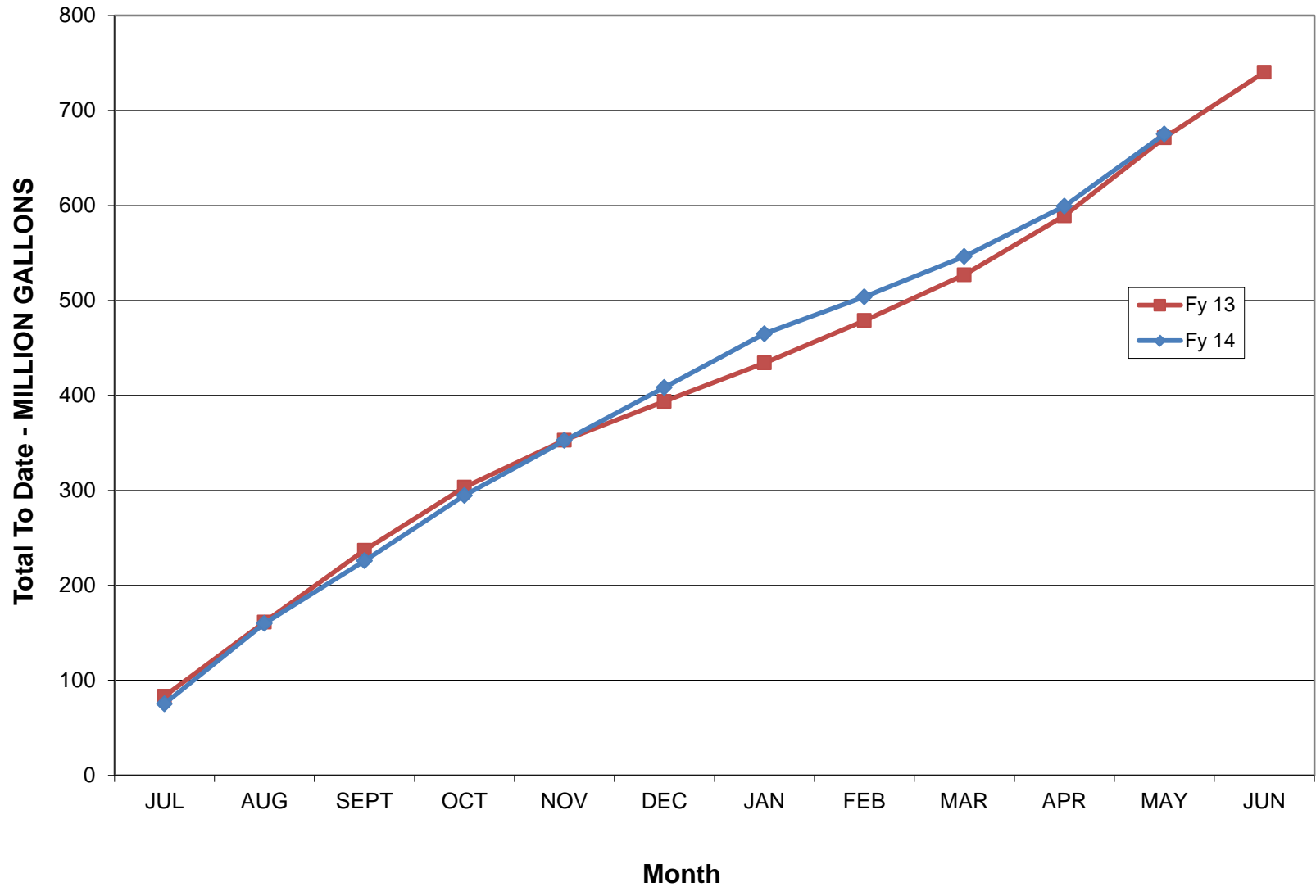
	Denniston Surface			Denniston Wells			Pilarcitos Wells			Pilarcitos Surface			SFWD CSP			SFWD Total	
	Actual MG	Predicted MG	pred-act	Actual MG	Predicted	pred-act	Actual MG	Predicted MG	pred-act	Actual MG	Predicted MG	pred-act	Actual MG	Predicted MG	pred-act	Actual MG	Predicted MG
Jul-13	0.00	5.34	5.34	0.00	2.66	2.66	0.00	0.00	0.00	0.00	38.09	38.09	75.61	11.64	-63.97	75.61	49.73
Aug-13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.79	42.79	84.56	29.36	-55.20	84.56	72.15
Sep-13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.95	31.95	66.04	28.91	-37.13	66.04	60.86
Oct-13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.90	40.90	68.72	32.16	-36.56	68.72	73.06
Nov-13	0.00	6.34	6.34	0.00	2.42	2.42	1.82	9.84	8.02	0.00	32.54	32.54	56.17	0.00	-56.17	56.17	32.54
Dec-13	0.00	11.53	11.53	0.00	2.26	2.26	0.76	9.81	9.05	0.00	22.56	22.56	55.12	0.00	-55.12	55.12	22.56
Jan-14	0.35	16.58	16.24	0.00	2.64	2.64	0.00	9.38	9.38	0.00	0.00	0.00	57.17	12.12	-45.05	57.17	12.12
Feb-14	2.33	16.58	14.25	0.00	2.64	2.64	2.97	12.06	9.09	0.00	17.20	17.20	35.25	0.00	-35.25	35.25	17.20
Mar-14	8.86	16.47	7.61	0.25	2.64	2.39	1.78	12.51	10.73	0.00	9.34	9.34	31.25	0.00	-31.25	31.25	9.34
Apr-14	12.58	15.58	3.00	0.92	2.64	1.72	0.00	0.00	0.00	19.89	31.48	11.59	19.70	0.00	-19.70	39.59	31.48
May-14	7.89	13.14	5.25	0.83	2.64	1.81	0.00	0.00	0.00	16.79	40.17	23.38	50.40	0.00	-50.40	67.19	40.17
Jun-14			#VALUE!			#VALUE!			#VALUE!			#VALUE!			#VALUE!	0.00	63.85
MG Totals	32.01	101.57	69.57	2.00	20.54	18.54	7.33	53.60	46.27	36.68	307.02	270.34	599.99	114.19	-485.80	636.67	485.06

	Actual non SFPUC	Predicted non SFPUC	Actual SFPUC	Predicted SFPUC	TOTAL Actual	TOTAL Predicted	TOTAL Pred-act
% Total	6.10%	29.44%	93.90%	70.56%	113.58%	596.92	-81.08

Monthly Production FY 13 vs FY 14



Cumulative Production FY 13 vs.FY14



Plant Water Use*			Unmetered Water						2014		MG	
	Denniston Plant	Nunes Plant	Total	Main Flushing	Detector Checks*	Main Breaks	Fire Dept	Miscellaneous	Tank Level Difference	Total		
JAN	0.110	0.000	0.110	0.973	0.017	0.020	0.000	0.014	-0.258	1.097		
FEB	0.270	0.000	0.270	0.000	0.009	0.216	0.002	0.014	0.562	1.613		
MAR	0.000	0.000	0.000	0.000	0.009	0.007	0.002	0.014	-0.416	-0.384		
APR	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.014	0.193	0.211		
MAY	0.000	0.000	0.000	0.000	0.006	0.005	0.000	0.014	-0.084	-0.059		
JUN			0.000							0.000		
JUL			0.000							0.000		
AUG			0.000							0.000		
SEP			0.000							0.000		
OCT			0.000							0.000		
NOV			0.000							0.000		
DEC			0.000							0.000		
TOTAL	0.38	0.00	0.38	0.97	0.05	0.25	0.00	0.07	0.00	2.48		

**Coastside County Water District Monthly Sales By Category (MG)
FY 2014**

	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	MG to Date
RESIDENTIAL	25.647	50.366	28.506	47.790	21.919	34.998	26.320	34.465	14.267	31.596	20.301		336.17
COMMERCIAL	4.965	1.888	6.124	1.818	4.616	1.392	5.728	1.317	3.299	1.568	4.247		36.96
RESTAURANT	3.056	0.224	3.299	0.266	2.569	0.157	3.658	0.108	2.171	0.220	2.882		18.61
HOTELS/MOTELS	3.712	2.409	4.561	2.176	2.609	1.619	4.323	0.849	2.954	1.625	3.451		30.29
SCHOOLS	1.058	1.513	1.964	1.670	0.742	1.126	1.527	0.262	0.352	0.472	1.164		11.85
MULTI DWELL	3.091	3.256	3.406	3.005	2.138	2.744	3.777	2.513	2.107	2.491	2.428		30.96
BEACHES/PARKS	1.275	0.075	1.527	0.080	0.889	0.037	0.822	0.042	0.293	0.013	0.524		5.58
AGRICULTURE	6.742	9.504	5.843	6.943	3.282	5.920	9.037	0.745	6.718	5.868	7.321		67.92
RECREATIONAL	0.052	0.206	0.066	0.206	0.028	0.139	0.070	0.117	0.039	0.183	0.091		1.20
MARINE	1.318	0.000	1.546	0.000	1.005	0.003	1.362	0.000	0.601	0.002	0.892		6.73
IRRIGATION	11.637	13.418	15.035	8.995	2.652	2.964	6.553	2.029	0.124	1.804	7.651		72.86
Portable Meters	0.000	0.379	0.000	0.381	0.000	0.343	0.000	0.337	0.000	0.381	0.000		1.82
TOTAL - MG	62.55	83.24	71.88	73.33	42.45	51.44	63.18	42.78	32.92	46.22	50.95	0.00	620.95

Non Residential Usage	36.906	32.873	43.371	25.541	20.530	16.446	36.858	8.320	18.658	14.627	30.649	0.000	0.000
Running 12 Month Total												694.93	
12 mo Ave Residential	31.54	31.63	31.80	31.83	31.75	32.09	32.83	32.94	32.58	32.30	31.98		
12 mo Ave Non Residential	24.42	25.00	25.34	25.51	25.54	25.79	27.20	26.73	26.38	26.03	25.93		
Total	55.96	56.63	57.15	57.34	57.29	57.88	60.02	59.68	58.96	58.33	57.91	#VALUE!	

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	47.609	380.13
COMMERCIAL	6.155	1.520	5.183	1.699	4.636	1.450	3.981	1.423	3.830	1.567	5.178	1.627	38.25
RESTAURANT	3.000	0.223	2.903	0.236	2.533	0.154	2.622	0.179	2.413	0.197	2.967	0.194	17.62
HOTELS/MOTELS	4.223	1.737	3.863	1.964	2.966	1.451	2.764	1.733	2.130	1.933	3.309	1.769	29.84
SCHOOLS	2.768	1.976	3.189	1.064	0.383	0.266	0.171	0.523	0.378	0.565	0.945	1.305	13.53
MULTI DWELL	3.424	2.725	3.155	2.895	2.548	2.385	2.759	2.697	2.311	2.828	2.693	2.839	33.26
BEACHES/PARKS	0.865	0.053	0.931	0.053	0.777	0.011	0.331	0.008	0.430	0.019	0.908	0.058	4.45
AGRICULTURE	7.336	4.445	5.284	5.269	3.644	6.045	6.102	6.375	6.076	6.800	7.370	6.048	70.79
RECREATIONAL	0.064	0.198	0.055	0.197	0.027	0.136	0.033	0.142	0.025	0.133	0.037	0.168	1.22
MARINE	1.236	0.000	1.266	0.000	1.321	0.000	1.141	0.000	0.819	0.000	1.020	0.001	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	11.973	83.61
Portable Meters	0.000	0.432	0.102	0.304	0.000	0.200	0.000	0.166	0.000	0.131	0.000	0.381	1.72
TOTAL - MG	72.22	75.21	65.70	71.00	43.03	44.38	37.49	46.91	41.53	53.76	56.00	73.97	681.22

Coastside County Water District Monthly Leak Report

ID	Date Reported Discovered	Date Repaired	Location	Pipe Class	Pipe Size & Type	Estimated Water Loss (Gallons)*	Equipment Costs	Material Costs	Employee hours		Labor Costs	Total Costs
									Staff	Hours		
1	4/28/2014	5/5/14	241 Spruce Street									
				S	3/4" PL	1,200	\$750.00	\$468.00	3	5	\$750	\$1,968.00
2	5/19/2014	5/19/2014	541 Hermosa Street									
				S	3/4" PL	1,500	\$600.00	\$398.00	3	4	\$600	\$1,598.00
3	5/21/2014	5/28/2014	420 Miramontes Street									
				S	3/4" PL	2,500	\$750.00	\$293.00	3	5	\$750	\$1,793.00
4												
5												
6												
7												
8												

Totals						5,200	\$2,100.00	\$1,159.00	9	14	\$2,100	\$5,359.00
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*includes 1,000 gallons for mains to daylight plus 1,000 gallons to flush mains or 100 gallons to flush services	Staff x hours = 126	
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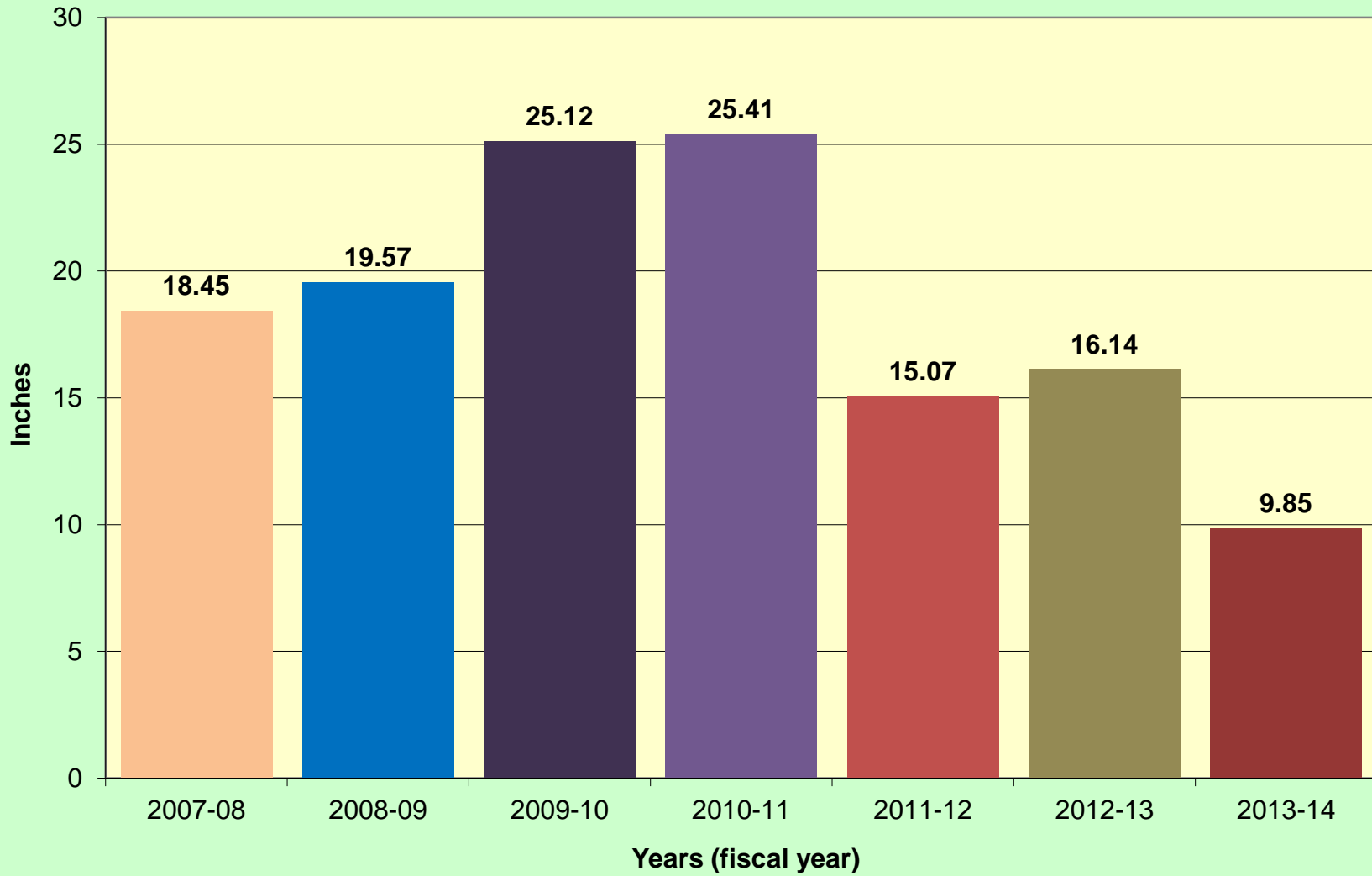
Coastside County Water District
 766 Main Street
 July 2013 - June 2014

District Office
 Rainfall in Inches

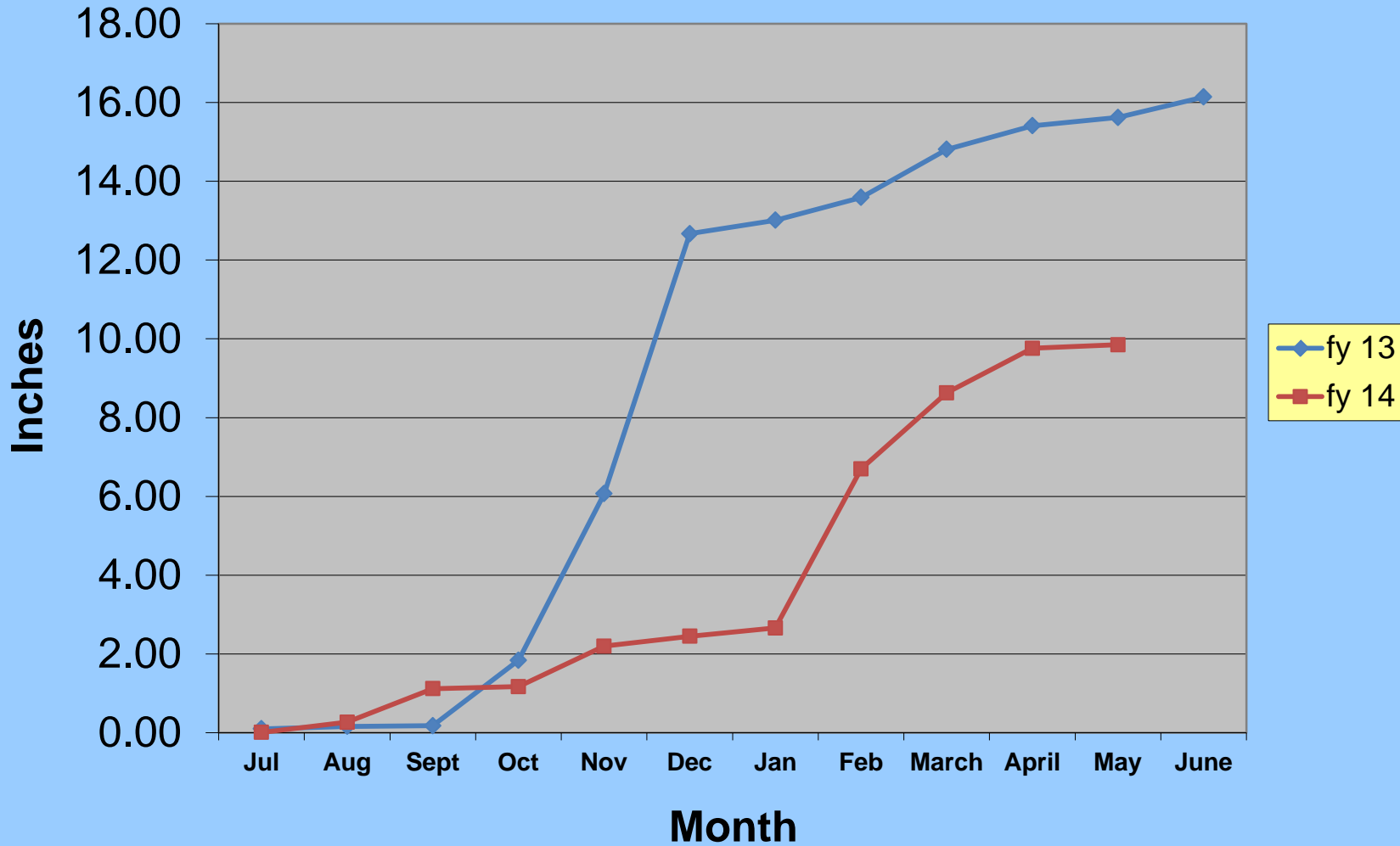
	2013						2014					
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June
1	0	0	0	0.01	0	0.01	0	0	0.26	0.27	0	
2	0	0	0	0	0	0.01	0	0.69	0.05	0.01	0	
3	0	0	0	0	0	0.01	0	0	0.15	0	0	
4	0	0	0	0	0	0	0	0.01	0	0.34	0	
5	0	0.03	0	0	0	0	0	0.12	0.15	0	0	
6	0	0.01	0	0	0	0.21	0	0.45	0	0	0	
7	0	0.02	0	0	0	0	0	0.35	0.01	0.01	0	
8	0	0.01	0	0	0	0	0.02	0.62	0.01	0	0.04	
9	0	0.02	0	0.01	0	0	0.04	0.55	0	0.01	0.04	
10	0	0.02	0	0	0	0	0	0.06	0.03	0	0	
11	0	0.03	0	0	0	0	0.05	0	0	0.00	0	
12	0	0.01	0	0	0	0	0.01	0	0	0	0	
13	0	0	0.03	0	0	0	0	0.01	0	0	0	
14	0	0	0.01	0	0.01	0	0	0.02	0	0	0	
15	0	0.06	0.01	0	0	0	0	0.06	0	0	0	
16	0.01	0.01	0	0	0	0	0	0.03	0.01	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0.01	0	0	0.01	0	0	0	
19	0	0	0	0	0.49	0	0	0.01	0	0	0	
20	0	0.03	0.01	0	0.52	0	0	0	0	0.01	0	
21	0	0	0.77	0	0	0	0.01	0	0	0	0	
22	0	0	0.01	0	0	0.01	0	0	0	0.02	0	
23	0	0	0	0.02	0	0	0	0	0	0	0.01	
24	0	0	0	0	0	0	0.01	0.01	0	0.01	0	
25	0	0	0	0	0	0	0	0	0.11	0.42	0	
26	0	0	0	0	0	0	0	0.47	0.35	0.01	0	
27	0	0	0	0	0	0	0	0.03	0	0.02	0	
28	0	0	0	0	0	0	0.02	0.54	0	0	0	
29	0	0.01	0	0	0	0	0.03		0.4	0	0	
30	0	0	0.01	0	0	0	0.02		0.01	0	0	
31	0	0		0.01		0	0		0.39		0	
Mon.Total	0.01	0.26	0.85	0.05	1.03	0.25	0.21	4.04	1.93	1.13	0.09	0.00
Year Total	0.01	0.27	1.12	1.17	2.20	2.45	2.66	6.70	8.63	9.76	9.85	9.85

Rain Totals

Fiscal Years 08 - 14



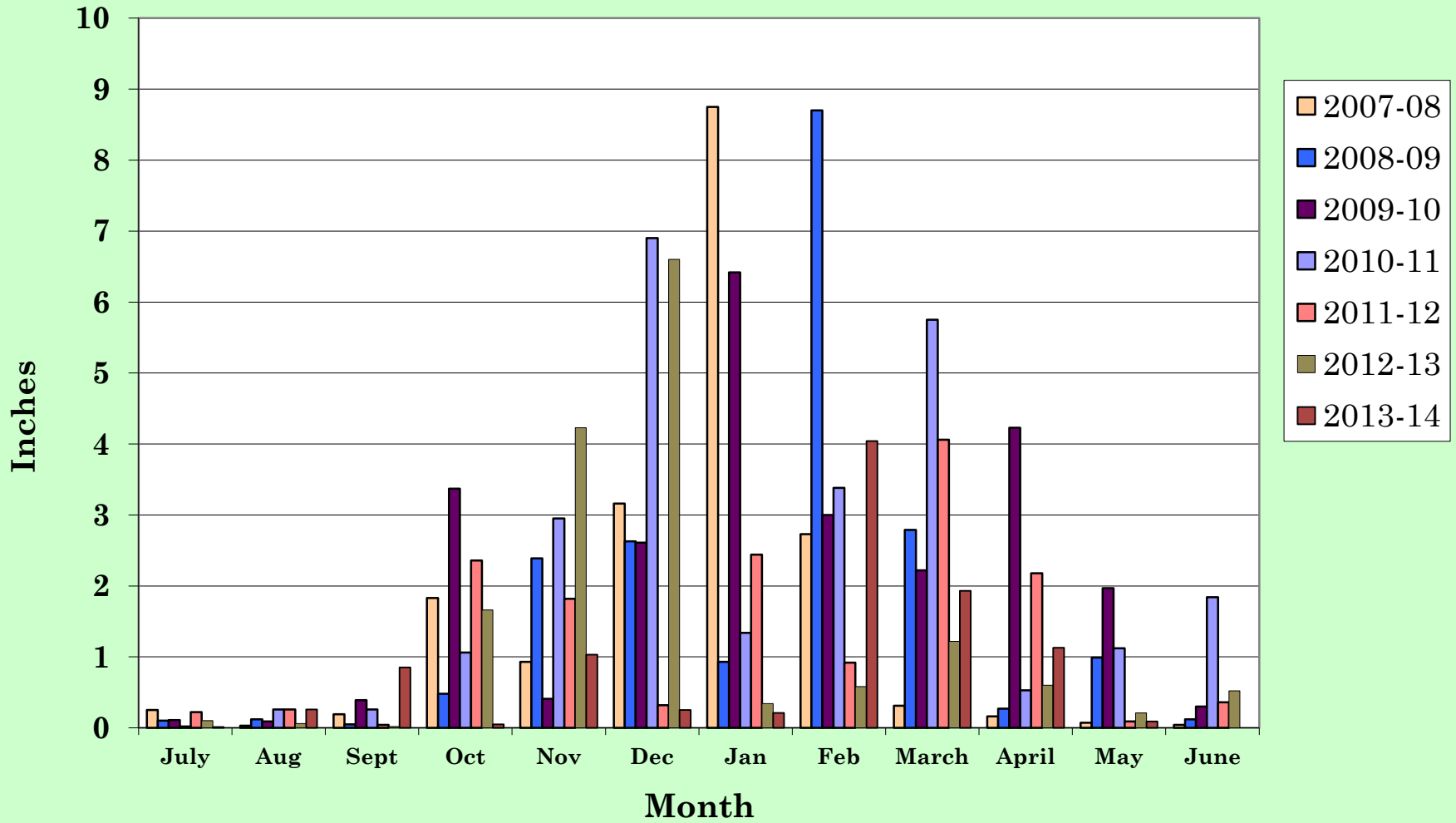
Rainfall Total Comparison Fiscal Years 13 and 14



Coastside County Water District

Rainfall by Month

Fiscal Years 08 - 14



MONTHLY CLIMATOLOGICAL SUMMARY for MAY. 2014

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	65.8	82.2	5:30p	53.2	12:00m	4.0	4.7	0.00	1.2	10.0	5:00p	W
2	54.2	61.3	3:30p	45.9	7:30a	10.8	0.0	0.00	1.8	12.0	4:00p	W
3	56.5	62.3	4:30p	52.9	2:30a	8.5	0.0	0.00	2.0	12.0	1:30p	W
4	58.4	64.4	2:00p	55.3	4:30a	6.6	0.0	0.00	1.7	10.0	2:00p	W
5	57.4	62.7	3:30p	53.6	12:00m	7.6	0.0	0.00	2.8	20.0	10:30p	W
6	55.2	62.1	2:00p	49.3	7:00a	9.8	0.0	0.00	3.7	20.0	4:00p	W
7	54.2	59.6	2:30p	49.9	4:00a	10.8	0.0	0.00	3.5	14.0	12:30a	W
8	56.7	62.8	1:30p	51.7	6:00a	8.3	0.0	0.04	2.1	11.0	4:00p	WSW
9	56.4	61.5	3:30p	53.0	7:30a	8.6	0.0	0.04	2.2	13.0	2:00p	W
10	55.2	61.1	2:00p	48.2	12:00m	9.8	0.0	0.00	3.8	27.0	5:00p	NE
11	57.5	69.6	11:00a	43.4	3:30a	8.2	0.7	0.00	2.8	19.0	5:30p	NE
12	55.4	69.4	2:00p	42.1	6:00a	9.9	0.3	0.00	1.3	10.0	2:00p	W
13	62.7	80.4	3:00p	46.4	6:00a	6.2	3.9	0.00	0.9	7.0	12:30p	W
14	66.4	81.7	6:00p	53.2	6:30a	3.2	4.6	0.00	1.5	10.0	3:00p	W
15	57.8	72.7	9:00a	48.9	12:00m	7.6	0.4	0.00	1.4	9.0	3:30p	E
16	56.3	63.2	3:00p	47.9	1:30a	8.7	0.0	0.00	2.1	12.0	1:00p	W
17	56.8	61.8	2:30p	53.1	12:00m	8.3	0.0	0.00	2.3	11.0	12:30p	W
18	56.2	62.8	5:30p	48.8	3:30a	8.8	0.0	0.00	2.0	13.0	1:30p	W
19	57.9	63.5	2:30p	54.1	5:00a	7.1	0.0	0.00	2.9	13.0	3:30p	W
20	57.1	62.7	2:30p	53.3	4:00a	7.9	0.0	0.00	2.5	11.0	2:30p	W
21	56.0	60.8	4:00p	52.8	7:00a	9.0	0.0	0.00	2.4	10.0	5:00p	W
22	55.8	61.6	3:30p	53.0	6:30a	9.2	0.0	0.00	1.9	10.0	3:00p	W
23	55.5	61.2	3:00p	51.4	4:00a	9.5	0.0	0.01	2.0	10.0	1:30p	W
24	55.1	60.4	5:30p	50.8	12:00m	9.9	0.0	0.00	1.9	10.0	4:30p	W
25	56.3	64.3	4:00p	48.2	6:30a	8.7	0.0	0.00	2.4	13.0	4:30p	W
26	55.7	62.6	1:00p	47.4	5:00a	9.3	0.0	0.00	2.3	13.0	12:00p	W
27	55.7	61.3	3:30p	49.5	1:00a	9.3	0.0	0.00	3.2	15.0	4:30p	W
28	55.6	65.0	3:30p	41.8	6:30a	9.4	0.0	0.00	2.8	17.0	1:30p	WNW
29	53.2	61.4	11:30a	43.1	5:30a	11.8	0.0	0.00	1.7	11.0	2:00p	W
30	54.4	58.9	1:30p	51.5	4:00a	10.6	0.0	0.00	1.6	9.0	2:00p	W
31	53.4	58.0	1:30p	49.3	12:00m	11.6	0.0	0.00	2.2	10.0	10:30a	W
	56.8	82.2	1	41.8	28	269.0	14.6	0.09	2.2	27.0	10	W

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

Max Rain: 0.04 ON 05/08/14

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

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

STATION (Climatological)
Half Moon Bay (River Station, if different)

MONTH **May** 2014

STATE **CA** COUNTY **San Mateo** RIVER

TEMPERATURE **16:00** PRECIPITATION **16:00** STANDARD TIME IN USE

TIME (local) OF OBSERVATION RIVER

TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO FLOOD STAGE NORMAL POOL STAGE

WS FORM B-91 (03-09)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE			24 HR AMOUNTS	AT OB	PRECIPITATION											WEATHER (Observation Day)						RIVER STAGE			REMARKS (SPECIAL OBSERVATIONS, ETC.)								
	MAX	MIN	AT OBSN	Rain, melted snow, etc. (for and (in parentheses))	Snow, ice pellets, hail (for and (in parentheses))	Snow, ice pellets, hail ice on ground (for)	Draw a straight line (-----) through hours precipitation was observed, and a wavy line (~~~~~) through hours precipitation probably occurred unobserved											Mark 'X' for all types occurring each day						Condition	Gage reading at __ AM		Tendency							
							A.M.					NOON					P.M.	Fog	Ice pellets	Glaze	Thunder	Hail	Damaging winds					Time of occurrence if different from above						
1	78	48	70	0.00			1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11						
2	77	47	61	0.00																														
3	64	53	63	0.00																														
4	65	52	65	0.00																														
5	66	52	63	0.00																														
6	63	47	60	0.00																														
7	62	49	62	0.00																														
8	62	51	61	0.00																														
9	62	53	61	0.04																														
10	62	45	60	0.00																														
11	67	39	65	0.00																														
12	67	39	61	0.00			1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11						
13	74	43	71	0.00																														
14	75	50	74	0.00																														
15	75	44	63	0.00																														
16																																		
17	67	54	60	0.00																														
18	65	46	63	0.00																														
19	66	54	65	0.00																														
20	65	47	63	0.00																														
21	65	53	62	0.00																														
22	63	53	62	0.00			1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11						
23	63	51	60	0.01																														
24	61	52	61	0.00																														
25																																		
26	66	47	62	0.00																														
27	64	51	63	0.00																														
28	64	44	63	0.00																														
29	63	40	61	0.00																														
30	62	50	59	0.00																														
31	60	52	59	T																														

66.0 48.5 SUM 0.05

CHECK BAR (for wire weight) NORMAL CHECK BAR

CONDITION OF RIVER AT GAGE READING DATE

Fog Ice pel Glaze Thund Hail Dam winds

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

SUPERVISING OFFICE MTR San Francisco

STATION INDEX NO. 04-3714-04

San Francisco Public Utilities Commission Hydrological Conditions Report For April 2014

J. Chester, C. Graham, A. Mazurkiewicz, & M. Tsang, May 13, 2014



**Snow in the High Country – The view from Bond Pass snow course
in the high elevations of the Cherry Creek Watershed**

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

Table 1 Current Storage As of May 1, 2014							
Reservoir	Current Storage		Maximum Storage		Available Capacity		Percentage of Maximum Storage
	Acre-Feet	Millions of Gallons	Acre-Feet	Millions of Gallons	Acre-Feet	Millions of Gallons	
Tuolumne System							
Hetch Hetchy ¹	251,928		360,360		108,432		69.9%
Cherry ²	240,766		273,340		32,574		88.1%
Lake Eleanor ³	26,243		27,100		857		96.8%
Water Bank	335,869		570,000		234,131		58.9%
Tuolumne Storage	854,806		1,230,800		375,994		69.5%
Local Bay Area Storage							
Calaveras ⁴	17,349	5,653	96,824	31,550	79,474	25,897	17.9%
San Antonio	41,121	13,399	50,496	16,454	9,374	3,055	81.4%
Crystal Springs	55,513	18,089	58,377	19,022	2,863	933	95.1%
San Andreas	18,008	5,868	18,996	6,190	989	322	94.8%
Pilarcitos	2,707	882	2,995	976	287	94	90.4%
Total Local Storage	134,699	43,892	227,688	74,192	92,988	30,300	59.2%
Total System	989,505		1,458,488		468,982		67.8%

¹ Maximum Hetch Hetchy Reservoir storage with drum gates activated.

² Maximum Cherry Reservoir storage with flash-boards out.

³ Maximum Lake Eleanor storage with flash-boards in.

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

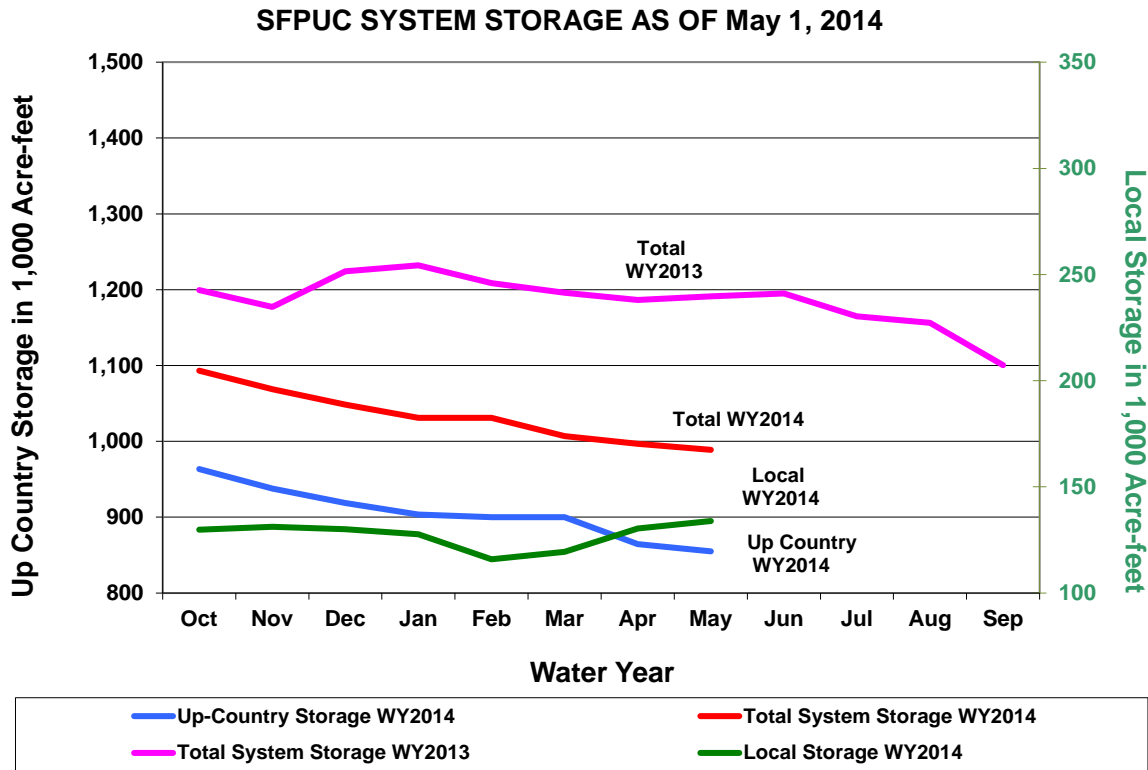


Figure 1: Monthly system storage for WY 2014

Hetch Hetchy System Precipitation Index ^{5/}

Current Month: The April six-station precipitation index is 2.33 inches, or 75.6% of the average index for the month.

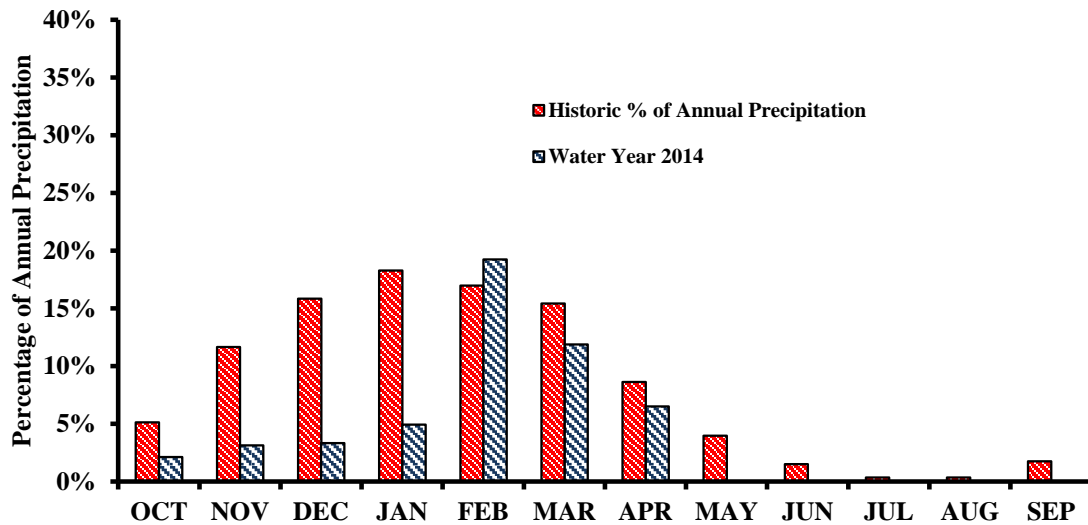


Figure 2: Monthly distribution of the Hetch Hetchy Six-station precipitation index as percent of the annual average precipitation.

Cumulative Precipitation to Date: The accumulated six-station precipitation index for water year 2014 is 18.2 inches, which is 51.1% of the average annual water year total, or 55.7% of the average annual-to-date. Hetch Hetchy received 2.85 inches of precipitation in April, for a water year total of 19.6 inches. The cumulative Hetch Hetchy precipitation is shown in Figure 3 in red.

Precipitation at Hetch Hetchy - Water Year 2014

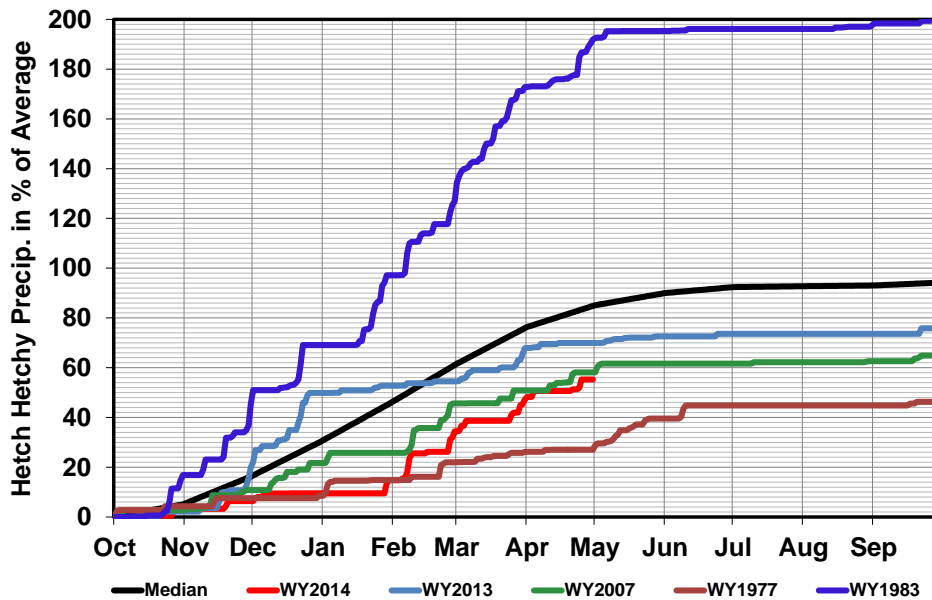


Figure 3. Water year 2014 cumulative precipitation measured at Hetch Hetchy Reservoir through April 30th, 2014. Precipitation at the Hetch Hetchy gauge for wet, dry, median, and WY 2013 are included for comparison purposes.

^{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 April 30th is summarized below in Table 2.

Table 2 Unimpaired Inflow Acre-Feet								
	April 2014				October 1, 2013 through April 30, 2014			
	Observed Flow	Median ⁶	Average ⁶	Percent of Average	Observed Flow	Median ⁶	Average ⁶	Percent of Average
Inflow to Hetch Hetchy Reservoir	87,025	88,140	90,262	96.4%	145,942	207,512	220,692	66.1%
Inflow to Cherry Reservoir and Lake Eleanor	59,948	72,413	73,229	81.9%	117,404	197,337	210,404	55.8%
Tuolumne River at La Grange	169,097	264,754	275,035	61.5%	337,725	787,765	881,815	38.3%
Water Available to the City	11,269	84,790	96,710	11.7%	18,890	242,623	324,135	5.8%

⁶ Hydrologic Record: 1919 – 2010

Hetch Hetchy System Operations

Draft and releases from Hetch Hetchy Reservoir in the month of April totaled 24,576 acre-feet to meet SJPL deliveries and instream release requirements only.

The instream release schedule at Hetch Hetchy Reservoir for the month of April was Year Type C (dry conditions). This year type is based upon accumulated precipitation and runoff in water year 2014, starting October 1st, 2013. The instream release requirement from Hetch Hetchy Reservoir for the month of April was 35 cfs. As of May 1st, 2014, the water year type is “B”, under which 80 cfs is required below Hetch Hetchy Reservoir during May.

A power draft of 33,802 acre-feet was made from Cherry Reservoir during the month of April to manage forecasted inflow and reservoir conditions. A total of 12,682 acre feet of water was transferred from Lake Eleanor to Cherry Reservoir during the month of April.

The required minimum release for the month of April at Cherry Reservoir was 5 cfs, and was 20 cfs at Lake Eleanor.

Local System Treatment Plant Production

The Harry Tracy Water Treatment Plant average production rate for the month of April was 20 MGD. The Sunol Valley Water Treatment Plant was in standby mode for the month with no water production into the regional transmission system.

Local System Water Delivery

The April delivery rate was 197 MGD which is a 5% increase over the March delivery rate of 187 MGD.

Local Precipitation

Rainfall totals for the month exceeded the monthly average totals. Year-to-date rainfall totals remain below average. The April rainfall summary is presented in Table 3.

Reservoir	Month Total (inches)	Percentage of Average for the Month	Water Year to Date ⁷ (inches)	Percentage of Average for the Year-to-Date ⁷
Pilarcitos	3.94	136 %	22.79	61%
Lower Crystal Springs	2.38	116 %	14.21	55 %
Calaveras	2.16	114 %	8.51	41 %

⁷ WY 2014: Oct. 2013 through Sep. 2014.

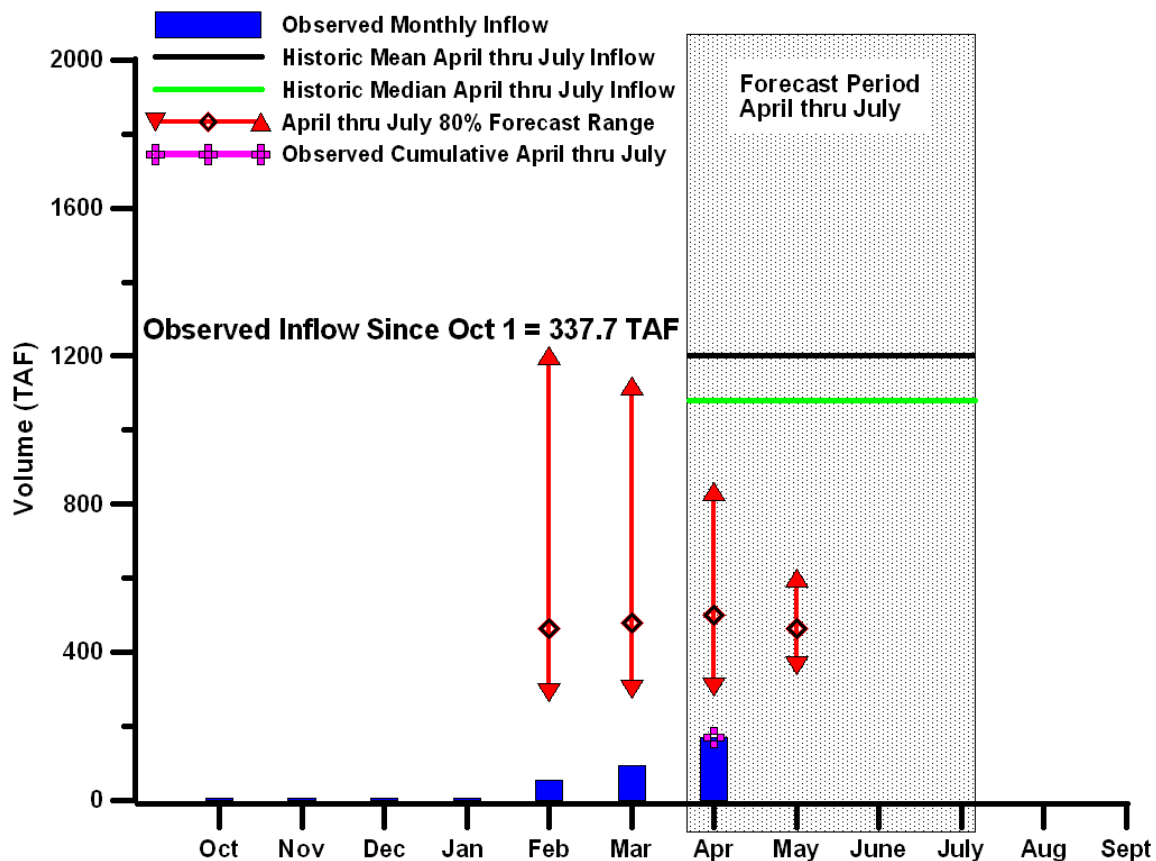


Figure 4: Water Year conditions for the Tuolumne River at La Grange and for the 80% water supply forecast range (triangles represent the 90% and 10% forecasts, the open diamond represents the median forecast).

Snowmelt and Water Supply

Warm temperatures throughout the month of April brought on snowmelt in the high country. However, a storm event during the last week in April added 1.25 to 2.0 inches of additional snow water equivalent. The late month event brought with it low snowlines. The May 1st snow surveys indicate the snowpack is near 22% for conditions at the time. While well below normal conditions exist, conditions in the Tuolumne Basin are much better than other watersheds in the Sierra.

The Tuolumne Basin Water Supply Forecast model was executed using the measured snow course, precipitation, and runoff data. The forecast indicates that the median amount of runoff that may occur this year is about 43% of the long-term median (Figure 4). The median forecast of April-through-July runoff is about 465 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 365 TAF and 600 TAF.

As a result of the shallow snowpack and limited precipitation, water available to the City is well below the normal volume. At this time 18,890 acre-feet has been available this water year (Figure 5).

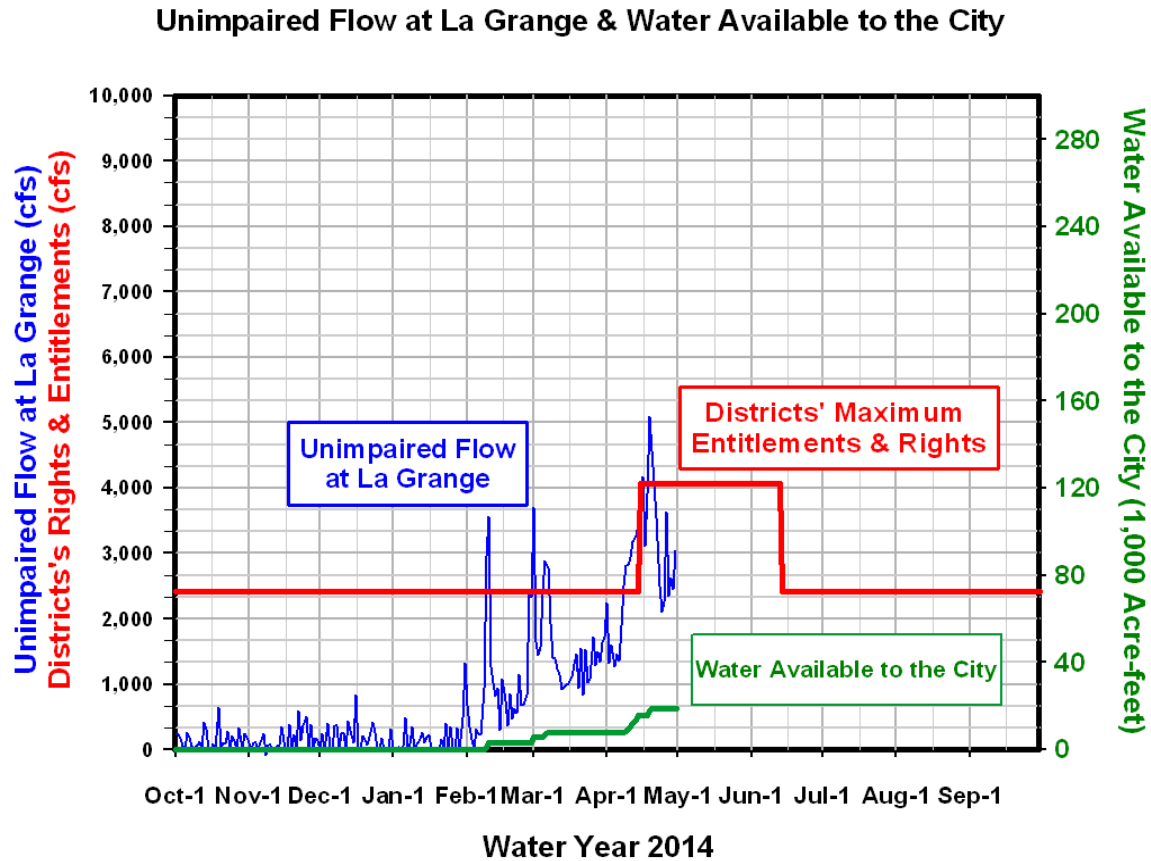


Figure 5: Calculated unimpaired flow at La Grange and the allocation of flows between the Districts and the City. 18,890 acre-feet of water has become available to the City during water year 2014 to date.

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

San Francisco Public Utilities Commission Hydrological Conditions Report For May 2014

J. Chester, C. Graham, A. Mazurkiewicz, & M. Tsang, June 5, 2014



Moccasin Reservoir and Powerhouse, as seen from Moccasin Peak

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

Reservoir	Current Storage		Maximum Storage		Available Capacity		Percentage of Maximum Storage
	Acre-Feet	Millions of Gallons	Acre-Feet	Millions of Gallons	Acre-Feet	Millions of Gallons	
Tuolumne System							
Hetch Hetchy ¹	343,400		360,360		16,960		95.3%
Cherry ²	235,000		273,340		38,340		86.0%
Lake Eleanor ³	25,400		27,100		1,700		93.7%
Water Bank	221,885		570,000		348,115		38.9%
Tuolumne Storage	825,685		1,230,800		405,115		67.1%
Local Bay Area Storage							
Calaveras ⁴	17,349	5,653	96,824	31,550	79,474	25,897	17.9%
San Antonio	45,289	14,758	50,496	16,454	5,206	1,697	89.7%
Crystal Springs	54,631	17,801	58,377	19,022	3,746	1,221	93.6%
San Andreas	18,247	5,946	18,996	6,190	750	244	96.1%
Pilarcitos	2,615	852	2,995	976	380	124	87.3%
Total Local Storage	138,131	45,010	227,688	74,192	89,556	29,182	60.7%
Total System	963,816		1,458,488		494,671		66.1%

¹ Maximum Hetch Hetchy Reservoir storage with drum gates activated.

² Maximum Cherry Reservoir storage with flash-boards in.

³ Maximum Lake Eleanor storage with flash-boards in.

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

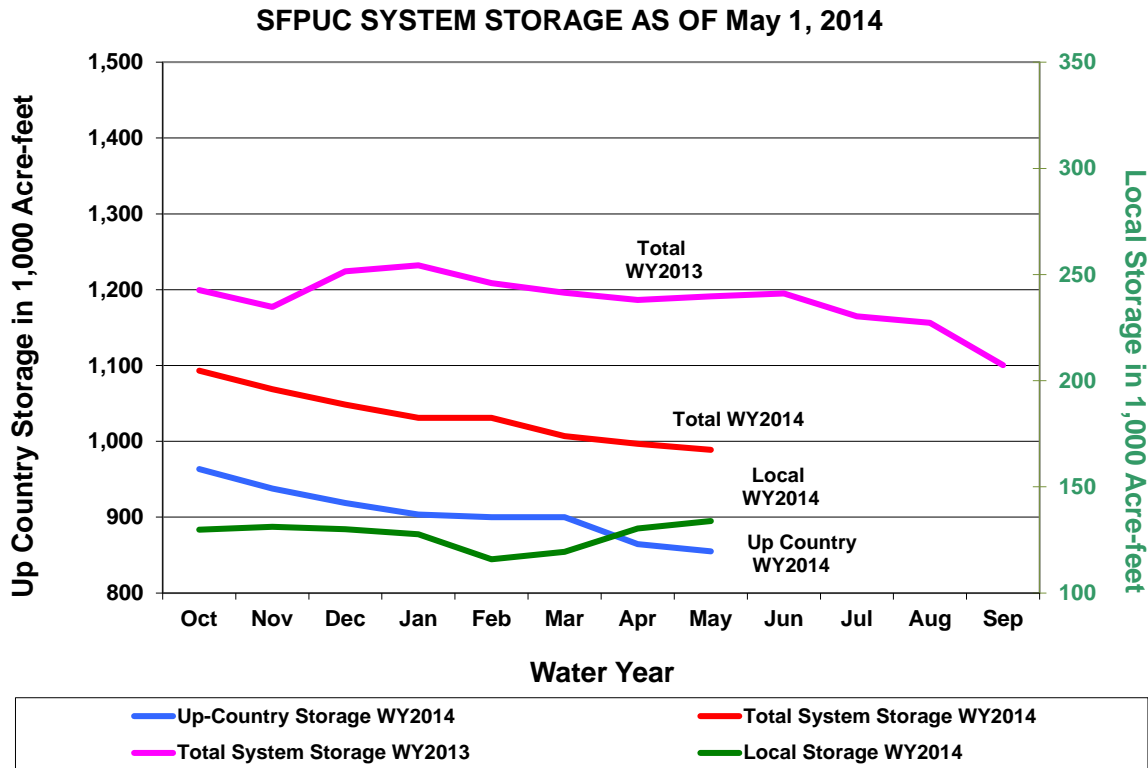


Figure 1: Monthly system storage for WY 2014

Hetch Hetchy System Precipitation Index ^{5/}

Current Month: The May six-station precipitation index is 0.53 inches, or 35% of the average index for the month.

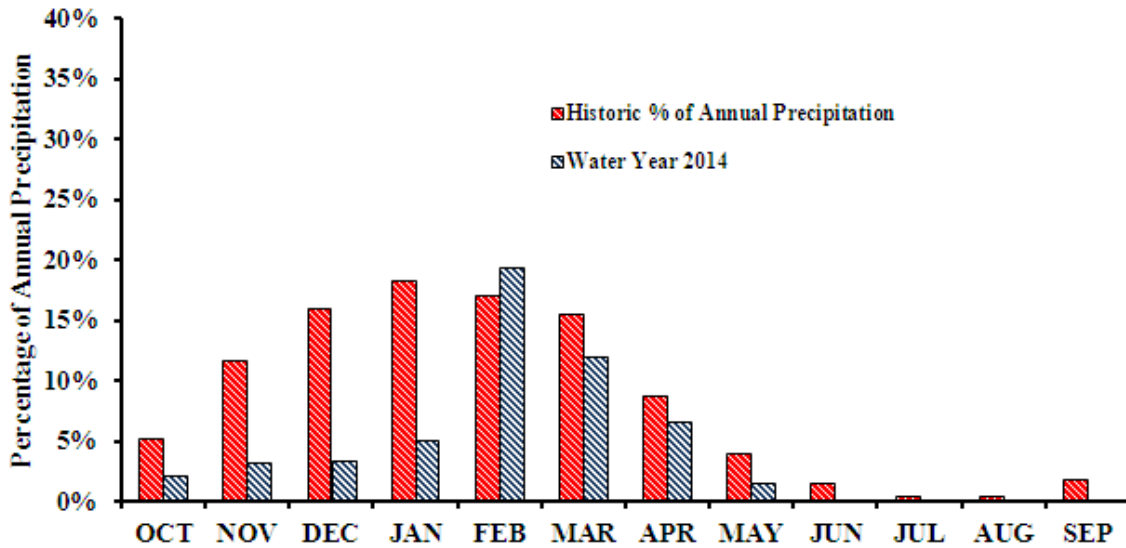


Figure 2: Monthly distribution of the Hetch Hetchy Six-station precipitation index as percent of the annual average precipitation.

Cumulative Precipitation to Date: The accumulated six-station precipitation index for water year 2014 is 18.7 inches, which is 53% of the average annual water year total, or 55% of the average annual-to-date. Hetch Hetchy received 0.82 inches of precipitation in May, for a water year total of 20.5 inches. The cumulative Hetch Hetchy precipitation is shown in Figure 3 in red.

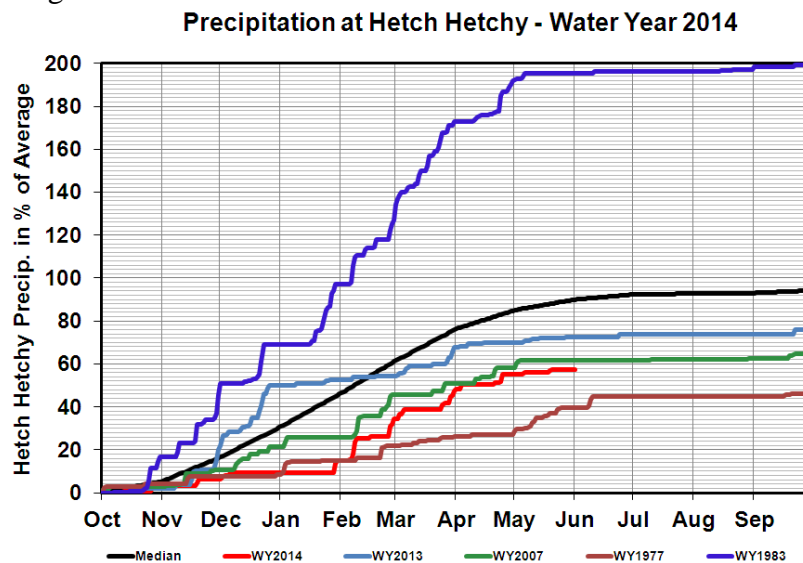


Figure 3. Water year 2014 cumulative precipitation measured at Hetch Hetchy Reservoir through May 31st, 2014. Precipitation at the Hetch Hetchy gauge for wet, dry, median, and WY 2013 are included for comparison purposes.

^{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.

Table 2 Unimpaired Inflow Acre-Feet								
	May 2014				October 1, 2013 through May 31, 2014			
	Observed Flow	Median ⁶	Average ⁶	Percent of Average	Observed Flow	Median ⁶	Average ⁶	Percent of Average
Inflow to Hetch Hetchy Reservoir	127,079	218,562	222,617	57%	276,337	445,624	443,308	62%
Inflow to Cherry Reservoir and Lake Eleanor	49,335	122,047	124,645	40%	166,739	314,171	324,897	51%
Tuolumne River at La Grange	188,276	451,533	452,576	42%	526,005	1,222,351	1,334,390	39%
Water Available to the City	1,020	200,082	215,706	0.5%	19,908	460,192	539,841	4%

⁶ Hydrologic Record: 1919 – 2010

Hetch Hetchy System Operations

Draft and releases from Hetch Hetchy Reservoir in the month of May totaled 34,784 acre-feet to meet SJPL deliveries and instream release requirements.

The instream release schedule at Hetch Hetchy Reservoir for the month of May was Year Type B (below normal conditions). This year type is based upon accumulated precipitation in water year 2014, starting October 1st, 2013 through April 30, 2014. The instream release requirement from Hetch Hetchy Reservoir for the month of May was 80 cfs. Accumulated precipitation through May 31, 2014 changes the Year Type to “C” requiring 75 cfs during the month of June.

A power draft of 53,514 acre-feet was made from Cherry Reservoir during the month of May to manage forecasted inflow and reservoir conditions. A total of 13,332 acre feet of water was transferred from Lake Eleanor to Cherry Reservoir during the month of May.

The required minimum release for the month of May at Cherry Reservoir was 5 cfs and 20 cfs at Lake Eleanor.

Local System Treatment Plant Production

The Harry Tracy Water Treatment Plant average production rate for the month of May was 4 MGD. The Sunol Valley Water Treatment Plant was in standby mode for the month with no water production into the regional transmission system.

Local System Water Delivery

The May delivery rate was 238 MGD which is a 21% increase over the April delivery rate of 197 MGD.

Local Precipitation

Dry conditions for the month prevailed across the local area watersheds. Year-to-date rainfall totals remain below average. The May rainfall summary is presented in Table 3.

Reservoir	Month Total (inches)	Percentage of Average for the Month	Water Year to Date ⁷ (inches)	Percentage of Average for the Year-to-Date ⁷
Pilarcitos	0.31	27 %	23.10	60%
Lower Crystal Springs	0.09	12 %	14.30	54 %
Calaveras	0.06	9 %	8.57	40 %

⁷ WY 2014: Oct. 2013 through Sep. 2014.

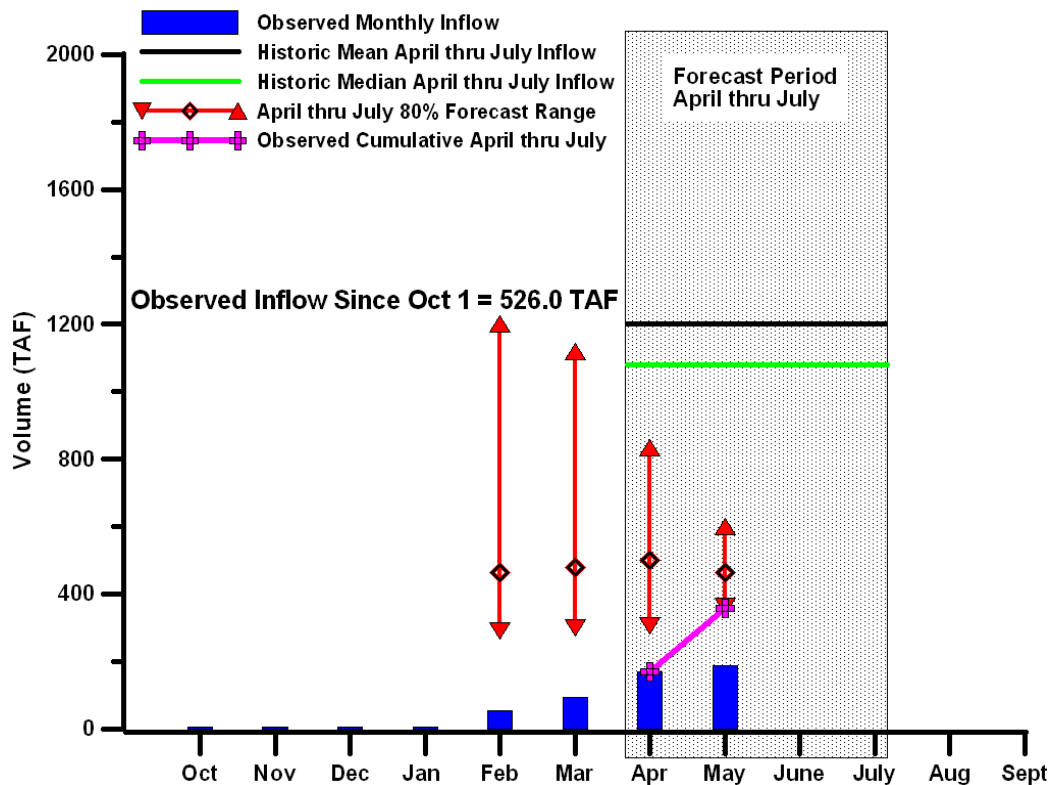


Figure 4: Water Year conditions for the Tuolumne River at La Grange and for the 80% water supply forecast range (triangles represent the 90% and 10% forecasts, the open diamond represents the median forecast).

Snowmelt and Water Supply

The well below normal snowpack has nearly ablated, however a well-timed late season snowfall event left a new blanket of snow cover which quickly melted away during the warm May temperatures. This resulted in an additional peak of inflows to the reservoirs. Hetch Hetchy Reservoir currently has 16,960 acre-feet of available storage, with inflows to exceed water delivery demands for approximately the first two weeks of June. As a result, storage will continue to increase and peak storage will surpass 350,000 acre-feet. A well timed precipitation event would change these conditions. While the storage reservoirs are near capacity, the Water Bank has been debited due to the lack of water available to the City.

The Tuolumne Basin Water Supply Forecast model was executed on May 1st using the measured snow course, precipitation, and runoff data. The forecast indicated that the median amount of runoff that may occur this year is about 43% of the long-term median (Figure 4). The median forecast of April-through-July runoff is about 465 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 365 TAF and 600 TAF.

As a result of the shallow snowpack and limited precipitation, water available to the City is well below the normal volume. At this time 19,908 acre-feet has been available this water year (Figure 5), with only 1,020 acre-feet available during the month of May.

Unimpaired Flow at La Grange & Water Available to the City

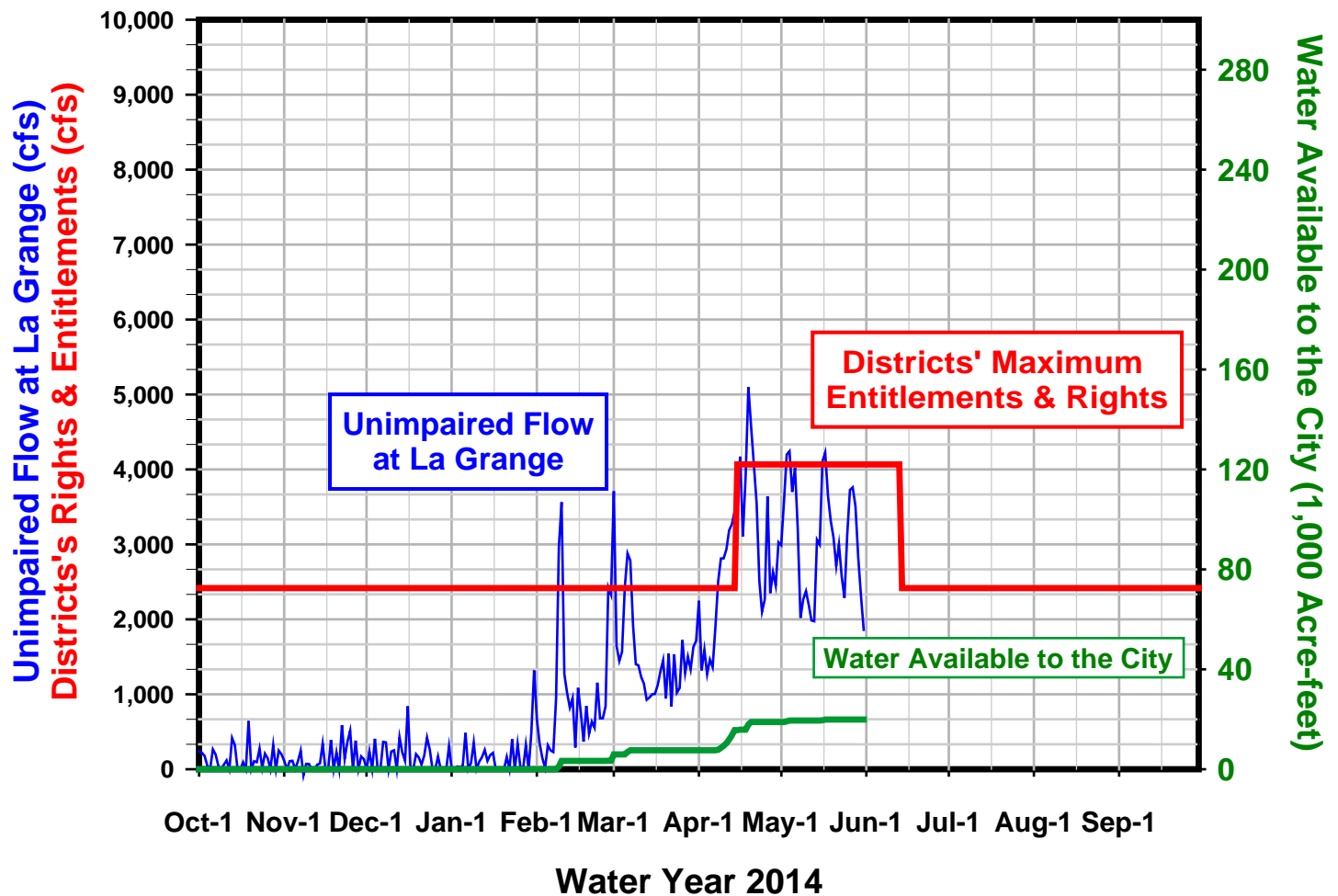


Figure 5: Calculated unimpaired flow at La Grange and the allocation of flows between the Districts and the City. 19,908 acre-feet of water has become available to the City during water year 2014 to date.

cc	HHWP Records	Gibson, Bill	Levin, Ellen	Rydstrom, Todd
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	Chester, John	Hannaford, Margaret	Moses, Matt	Williams, Mike
	DeGraca, Andrew	Kelly, Harlan	Patterson, Mike	Sandkulla, Nicole
	Dhakal, Amod	Jue, Tyrone	Nelson, Chris	
	Dufour, Alexis	Kehoe, Paula	Ramirez, Tim	
	Gambon, Paul	Lehr, Dan	Ritchie, Steve	

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: June 10, 2014

Report

Date: June 5, 2014

Subject: SRT Proposal for Design of the Hazen's Tank Replacement Project

Recommendation:

Authorize staff to contract with SRT Consultants for design of the Hazen's Tank Replacement Project at a time-and-materials cost not to exceed \$65,000.

Background:

Hazen's Tank, a 75,000 gallon redwood tank located in El Granada near the intersection of San Juan and Ferdinand Avenues, supplies the higher elevation levels of El Granada at peak demand times. The tank has reached the end of its useful life and needs to be replaced to prevent water quality problems and lower seismic risk. The project has been included in the District's Capital Improvement Program (CIP) since Fiscal Year 2006-2007, and the original FY 11/12 construction schedule has been pushed back in subsequent CIP's.

In planning this project, staff contacted several other water agencies with recent small tank construction experience to collect information on costs, type of construction (e.g. bolted steel vs. welded steel), and design firms. Close to home, Montara Water and Sanitary District recently finished constructing two 100,000 gallon welded steel tanks to replace their existing Schoolhouse Tanks. Based on favorable impressions of the Schoolhouse facilities during our site visits, we asked project designer SRT Consultants for a proposal to design the Hazen's Tank replacement. A copy of their proposal dated May 8, 2014 is attached.

Staff recommends awarding the Hazen's Tank design project to SRT for a cost not to exceed \$65,000. This figure includes Tasks 1, 4, and 6 as presented in their cost breakdown.

Fiscal Impact:

Design cost of \$65,000. This project is included in the proposed FY14/15 - FY23/24 CIP at a total estimated cost of \$500,000.



May 8, 2014

Joe Guistino
Superintendent of Operations
Coastside County Water District
766 Main Street
Half Moon Bay, CA 94019

Subject: Hazen's Tank Replacement Design - SRT Consultants' Proposal

Dear Joe,

At your request, SRT Consultants (SRT) is pleased to present for your consideration this letter proposal to design a replacement of the Coastside County Water District's (CCWD or District) existing 75,000-gallon Hazen's Tank with a new welded steel tank. While the proposal addresses design of a new welded steel tank, per AWWA D100 standards, to replace the existing redwood Hazen's Tank, it also outlines various optional tasks for the District's consideration.

Background and Purpose

SRT understands that the District desires to replace the existing 75,000-gallon redwood Hazen's Tank, located in the hills above El Granada, and near the intersection of San Juan and Ferdinand avenues. SRT met with District staff on April 21, 2014, and conducted the Hazen's Tank site visit. The tank has reached the end of its useful life and its redwood construction poses the risk of water quality problems.

The tank is fed through an altitude valve, and "floats" off of the head pressure of the larger and higher-elevation El Granada Tank 2. Hazen's Tank stabilizes water pressure in the nearby higher elevation areas of El Granada and supplies the pressure zone at times of high demand. Since demand on this tank is intermittent and seasonal, the tank has low turnover and high water age.

The District wants to replace the tank with the same capacity of 75,000 gallons and seeks a higher level of dependability, seismic reliability, and water quality, than what the current tank can provide.



About SRT Consultants

SRT provides a wide range of water resources engineering, design, regulatory compliance, permitting, and construction management services in California. SRT also provides staff augmentation services for public agencies working as an integral part of the client's organization. Through this work, we have developed a strong understanding of daily operational needs, capital project implementation needs, cost effective operational strategies and accountability to internal and external stakeholders.

SRT was founded in 2004 with the goal of providing responsive service and customized engineering solutions to private and public entities. Tanya Yurovsky, P.E., the SRT principal, has over 32 years of utility and consulting experience in water resources engineering. SRT staff includes senior project managers, engineers, water quality experts, field technicians, and construction inspectors to serve your needs. We also collaborate with top industry experts to augment the services we offer on an as-needed basis. SRT's interests are aligned with the District's mission to accommodate customer needs and welfare first and foremost.

SRT is certified with the State of California as a Small Business Enterprise (SBE) and with California Public Utilities Commission as a Woman-Owned Business Supplier Diversity Business. We are also certified with other public utilities as an SBE and a local business enterprise (LBE). SRT is proud to be recognized as a San Francisco Green Business and as a recipient of the 2013 Healthy Mothers Workplace Silver Award.

SRT has worked on projects extensively on the Coastsides, serving the needs of several water and wastewater agencies in the area. Therefore, SRT is very familiar with the region, its regulatory climate and expectations, and is prepared to support the District in addressing any coast-specific challenges that may arise.

SRT Project Team and Related Experience

SRT's seasoned professionals have many years of experience in water quality, planning, design, operations and maintenance (O&M), design, and construction management of various civil engineering projects, including water and wastewater treatment plants, storage tanks and reservoirs, pipelines, pump stations, and distribution systems.

Project Team

SRT's proposed team was selected to provide the best qualifications and expertise in response to the project needs requested by the District. Working from our San Francisco office, this team will commit the time and resources needed to complete the water storage tank planning and design, and provide additional as-needed engineering services at the request of the District. Profiles of the key team members appear below, and resumes are included as an attachment to this proposal.

Tanya Yurovsky, P.E. – Quality Assurance & Quality Control

Ms. Yurovsky has over 32 years of professional engineering experience overseeing water resources engineering projects. Ms. Yurovsky has managed capital projects that include: water treatment plants, storage tanks, reservoirs, and seismic reliability improvement projects, and has extensive experience with water resources design projects and optimizing water treatment facilities for a wide range of issues.

Mark Quady, P.E. – Your Proposed Project Manager

Mr. Quady has over 13 years of professional engineering experience, primarily in the drinking water industry, and specializes in drinking water infrastructure and distribution systems. Mr. Quady most recently oversaw all drinking water capital improvement projects, and operational improvements, at Stanford University water utility. Mr. Quady has served as project manager for the new Schoolhouse Tank for the Montara Water and Sanitary District (MWSD), and other Coastside projects, worked as a capital projects construction manager for the City of Ventura, and worked for SFPUC's Water Department for several years at their City Distribution Division and Harry Tracy Water Treatment Plant.

Jeff Fidelin, P.E. - Project Engineer

Mr. Fidelin has over 12 years of versatile work experience in water engineering and has contributed to capital projects at various stages of development, including strategic planning, design, and construction management. Mr. Fidelin has significant experience with storage tank design, providing tank sizing, siting, material alternative analysis, environmental compliance review, constructability assessment, and developing conceptual engineering documents. Jeff also has significant experience with operations, existing process optimization, and ISO management systems.

Jessica Adams, P.E. - Project Engineer

Ms. Adams has over 5 years of experience focused on water quality planning and feasibility studies, design and construction management, water quality data analysis and management, drinking water sampling, and regulatory compliance. She has worked on design and construction management of drinking water facilities, storage tanks, pipelines, and wastewater and stormwater facilities. Ms. Adams also has extensive experience with water quality planning and data management, process engineering, source water protection, water sampling strategies and sample collection, and water treatment pilot studies.

Scope of Services and Approach

SRT proposes the work approach detailed below to address the design and engineering needs of the District. The scope of services will be completed through one (1) baseline task (project design), and five (5) optional tasks that the District may elect to pursue. These tasks are outlined below:

Task 1 Design Services for Replacing Hazen's Tank

SRT staff will review the existing geotechnical report and topographical survey information provided by the District, and will design a new tank foundation, bedding, and non-knuckle 75,000 gallon steel tank, with the requested features and appurtenances and seismic, structural, and sanitary features to meet current AWWA D100 and CDPH Waterworks Standards.

The design will include new piping and appurtenances from the existing vault to the tank, including a new altitude valve, new valves, a flexible inlet seismic joint, and a separate inlet/outlet system within the tank, designed to maximize mixing and minimize dead-zones. The design will also be constructed to meet current Cal-OSHA requirements for accessing the tank, prevention of entry by non-staff, internal and external coating to meet AWWA D102 standards, and a cathodic protection system, per AWWA D104 and/or D106 standards.

In addition, SRT will design civil improvements around the tank, including grading, site drainage, and the installation of a retaining wall behind the tank. SRT will coordinate with Calcon to assist

with project integration with the existing SCADA system. No access road improvements were included in this proposal.

Deliverables

The design of this project is estimated to include the following preliminary list of drawings (subject to change):

- Sheet 1 – Project Title Sheet and Table of Contents
- Sheet 2 – Project Notes and Abbreviations
- Sheet 3 – Civil Site Plan and Drainage
- Sheet 4 – Civil Demolition Plan
- Sheet 5 – Civil Tank Plan and Section Views
- Sheet 6 – Civil Retaining Wall and Sections
- Sheet 7 – Structural Details and Sections
- Sheet 8 – Mechanical Details and Sections

SRT will also provide a set of technical specifications to complement the plans, and will incorporate District's front-end documents for the development of a comprehensive bid package. SRT will provide both plans and specifications for review by the District at the 50%, 75%, and 100% design level, electronically.

Assumptions

The following assumptions were used in the development of this proposal and fee estimate:

1. The geotechnical report deems that soils are suitable for a new tank, and no further work is required for assessing the underlying geotechnical conditions. The report provides recommendations for subgrade preparation for constructing the tank. Geotechnical engineering is provided by others and is not included in this proposal.
2. A California registered surveyor has surveyed the site, and the District will provide the survey information to SRT. No additional survey work would be necessary for the tank design, and can be provided in electronic format for importing into AutoCAD.
3. SCADA coordination consists of reviewing the operational intent of the tank, by interviewing District staff, and then coordinating with Calcon to accommodate the SCADA equipment.
4. SRT will coordinate with AT&T to the extent necessary to secure adequate civil interface between AT&T cell tower improvements (under a separate project) and these tank improvements.
5. The design includes no electrical or SCADA design work, other than coordination with AT&T for powering SCADA equipment.
6. The District will provide review and comments at the 50% and 75% design level, within 2 weeks after submission by SRT.
7. All draft submittals will be provided in electronic copy only; 15 copies of printed sets of bid documents (half-size drawings and specifications) have been included in the fee estimate.

OPTIONAL Task 2 Permitting Support

Under this task, SRT will aid the District in permitting activities associated with the County of San Mateo Local Coastal Program (LCP) Compliance. It is assumed the District would be responsible for all compliance under the California Environmental Quality Act (CEQA). The SRT task provides limited assistance to the District to finalize permitting with the County under the LCP.

Deliverables

SRT would provide as-needed support for coordinating the project with County of San Mateo.

Assumptions

The District has conducted all the necessary CEQA-related activities. An allowance of 28 staff hours has been included in the fee estimate for this task.

OPTIONAL Task 3 California Department of Public Health Coordination

Under this task, SRT would provide as-needed services for coordinating the design of the project with the California Department of Public Health (CDPH), and will provide design deliverables to CDPH as the District's direction.

Deliverables

Coordinate with CDPH for design reviews at the 50%, 75%, and 100% design levels, and clearly identify all sanitary and design requirements in conformance with CDPH Waterworks Standards. Deliverables include:

- Summary memorandum of the project design features that meet all CDPH requirements
- Spreadsheet, and/or table outlining all specific tank features for meeting Article 6, Section 64585 of the California Code of Regulations (CCR), "Design and Construction of Distribution Reservoirs"

Assumptions

The District has initiated communications with CDPH regarding this project. An allowance of 48 staff hours has been included in the fee estimate for this task.

OPTIONAL Task 4 Opinion of Probable Construction Cost and Schedule

Under this task, SRT will provide an engineer's opinion of probable construction cost for District budgeting and for bid purposes. The estimate would detail the costs per construction line item. This would be a useful tool for construction budgeting, and to assist the District with construction bids' evaluation prior to the Board of Directors approval.

This task will also include an engineer's estimate of construction schedule.

Deliverables

- Draft engineer's opinion of construction cost and schedule at 75% design
- Final engineer's opinion of construction cost and schedule at 100% design
- Line item bid sheet for the bid package

Assumptions

- Two reviews by the District at the 75% and 100% design level
- The District will review the cost estimate and schedule within 2 weeks after submission
- Proposed schedule will be in the form of a Gantt chart
- An allowance of 60 staff hours has been included in the fee estimate for this task.

OPTIONAL Task 5 Mixer Review and Recommendation

The District expressed interest in improving and managing water quality within the tank by utilizing a supplemental mechanical mixer. SRT will aid the District by researching the various

mixer technologies that can be used inside the tank, summarize the benefits of each technology, assess capital and O&M costs for each technology, recommend a particular mixer device based on the benefits, costs, and District input, and incorporate the mixer in the design.

Deliverables

- 75% Mixer Review Technical Memorandum
- 100% Mixer Review Technical Memorandum
- Coordinate with mixer manufacturer for design needs

Assumptions

- One review by the District at the 75% level
- The District will review the memo and provide comments within 2 weeks of submission
- SRT to review up to three (3) mixing technologies, selected based on the current industry standard for mixing a tank of this size, and/or according to District preferences
- The District to approve mixers to be investigated prior to conducting the review
- An allowance of 36 staff hours has been included in the fee estimate for this task.

OPTIONAL Task 6 Engineering Support During Bidding

Under this task, SRT will provide the District with engineering support during the bidding process of up to 50 staff hours. Tasks will include coordinating/conducting the pre-bid job walk with potential contractors, coordinating the issuance of the bid package on E-Bidboard or similar site, answering questions from bidders, issuing addenda as necessary, and conducting bid analysis.

Deliverables

- Coordinate/conduct pre-bid job walk with prospective bidders and District staff
- Coordinate the posting of the bid package on E-Bidboard and legal notices
- Respond to technical questions from prospective bidders
- Issue addenda as needed

Fee Estimate and Schedule

The estimated fee for the baseline task of designing the new tank, including 50%, 75%, and 100% design plans and specifications (Task 1) is \$48,691. The budget for optional tasks (Tasks 2 through 6) is \$32,178. The total fee estimate, should the District choose to conduct all tasks (baseline and optional), is \$80,869. Details of these fee estimates are provided in the table below.

Task No.	Task	Estimated Level of Effort				Total Cost	Comments/
		PC	PM	PE	CAD		
		\$202.5	\$175.5	\$143.5	\$92		
1	Design Services						Assumptions
1a	Design plans for tank, civil site plan, drainage, retaining wall, and misc. details	10	40	75	100	\$29,003	Geotechnical engineer deems soils suitable for tank, no environmental constraints by CCC and/or SM County; survey provided by the District prior to start of design by SRT. Consists of approximately 8 plan sheets, and assumes 50%, 75%, and 100% design review submittals; includes design coordination with Cal-Con and AT&T.
1b	Technical Specifications	6	25	65	30	\$17,689	Tank to be per AWWA D100-11
Task 1 Design Labor		16	65	140	130	\$46,691	All draft submittals will be provided in electronic copy only; 15 sets of bid documents (half-size drawings and specifications) will be included as part of ODCs.
Task 1 Other Direct Costs						\$2,000	Mileage, printing, etc.
Optional Tasks 2-6							
2	SM County Permitting Coordination Support	3	5	15	5	\$4,097	Only a CDX required
3	CDPH Coordination Support	2	10	30	6	\$7,017	Design review coordination
4	Opinion of Probable Construction Cost and Schedule	2	8	45	5	\$8,726	Develop bid sheet
5	Mixer Review and Recommendation		6	30		\$5,358	Technical Memorandum
6	Engineering Support During Bidding		10	30	10	\$6,980	Pre-bid job walk; issue addenda; questions from bidders, bid analysis
Optional Tasks 2-6 Total		7	39	150	26	\$32,178	
Tasks 1-6 Grand Total		23	104	290	156	\$80,869	

SRT is prepared to start work immediately upon a Notice-to-Proceed from the District and to complete the work in accordance with the District's needs. We feel strongly qualified to provide expert design services for the District. Given our experience working on projects of similar scope and size, SRT is confident that we will develop responsive and cost-effective solutions for you.

Thank you for considering SRT Consultants for this very important work for Coastside County Water District. Please contact me at 415-776-5800, x301 with any questions or if you require any additional information. We look forward to hearing from you soon.

Sincerely,



Tatyana T. Yurovsky, P.E.
Principal
SRT Consultants

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: June 10, 2014

Report

Date: June 4, 2014

Subject: EKI Proposal for Design of Main Street Bridge Pipeline Replacement

Recommendation:

Authorize staff to contract with Erler and Kalinowski, Inc. (EKI) for design of the Main Street Bridge pipeline replacement, at a time-and-materials cost not to exceed \$241,000.

Background:

At the May 13, 2014 meeting of the Board of Directors, staff discussed alternatives for replacement of the District's pipeline crossing the Main Street bridge in the City of Half Moon Bay and presented an EKI proposal for evaluation of the alternatives. Following discussion, the Board indicated a preference for proceeding with design of a pipeline alignment that would eliminate the bridge crossing. The Board directed staff to return with a design proposal and a preliminary cost estimate for the off-bridge alignment.

Attachment A presents EKI's design proposal providing a scope of services estimated to cost \$241,000. Attachment B breaks down EKI's preliminary estimate of total project costs for installing the pipeline under Pilarcitos Creek using the bore and jack construction method.

Fiscal Impact:

Cost of \$241,000 for design, included in proposed FY14/15-FY23/24 Capital Improvement Program.



Consulting Engineers and Scientists

1870 Ogden Drive
Burlingame, CA 94010
(650) 292-9100
Fax: (650) 552-9012

4 June 2014

VIA ELECTRONIC MAIL

Mr. David Dickson
Coastside County Water District
766 Main St.
Half Moon Bay, CA 94019

Subject: Proposal for Design of the Main Street Bridge Pipeline Replacement
Coastside County Water District, Half Moon Bay, California
(A90031.05)

Dear Mr. Dickson:

Erler & Kalinowski, Inc. (“EKI”) is pleased to provide this proposal for consulting services to assist Coastside County Water District (“District”) with the preparation of construction contract documents and environmental permitting assistance for the replacement of the portion of the District’s pipeline that is attached to the Main Street Bridge. This proposal is being prepared in response to the District’s Board of Directors request made during the 13 May 2014 board meeting.

Project Understanding

The Main Street Pipeline (“Pipeline”) crossing Pilarcitos Creek (“Creek”) on the City of Half Moon Bay’s (“City’s”) Main Street Bridge, is the principal supply to the southern side of the District’s distribution system. The original 10-inch welded steel Pipeline was constructed in 1948. With the exception of the section mounted on the bridge, the District has replaced the original pipeline with 16-inch ductile iron pipe. The District had planned to replace the remaining original section of the Pipeline in conjunction with the construction of a new Main Street Bridge. However, the replacement of the Bridge has become a controversial item for the City and it is difficult to predict when the Bridge will be replaced or upgraded. Consequently, the District has decided to replace and realign the original 10-inch welded steel water main section with a new 16-inch Pipeline that crosses under Pilarcitos Creek.

The Project will include approximately 1,200 lineal feet of 16-inch water distribution pipeline, as shown on Figure 1. The new alignment will tie into the existing pipeline beginning at Main Street directly north of the Main Street Bridge, extend through private property (Tom and Pete’s Produce) on the north side of Pilarcitos Creek, cross south under the creek to the Purissima Street cul-de-sac, extend south along Purissima Street to Mill Street, and east along Mill Street to Main



Mr. Dave Dickson
4 June 2014
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Street. The new water main will tie into the existing 16-inch ductile iron pipeline on Main Street at both its upstream and downstream ends. The approximately 300-foot long section crossing under Pilarcitos Creek will be installed by an appropriate trenchless construction method. It is anticipated that the remaining alignment will be installed by open cut and cover method.

For the creek crossing, EKI anticipates that a traditional trenchless method such as microtunneling, auger boring, or open-face shield jacking will be implemented. Our proposed approach presented below is based on the following assumptions:

- A 10-foot minimum cover will be maintained under the flow line of the Creek;
- An approximately 35-foot-long by 12-foot-wide by 20-foot-deep boring pit will be excavated on the north side of the Creek within the private property;
- An approximately 10-foot-long by 12-foot-wide by 30-foot-deep receiving pit will be excavated in the cul-de-sac at the end of Purissima Street on the south side of the Creek;
- The Pipeline section crossing under the Creek will be installed in an approximately 30-inch diameter casing;
- The District will be required to notify California Department of Fish and Wildlife (“DFW”) and comply with Fish and Game Code section 1602;
- A 20-foot buffer will be required between the edge of the riparian vegetation and the construction limits of disturbance to comply with DFW permitting restrictions;
- The District will obtain use permits and easements for the portion of the Pipeline, the boring pit, and staging area located within private property; and
- The District will coordinate with the City of Half Moon Bay to secure any required encroachment permits and Coastal Development Permits that may be needed.

EKI understands that the District is considering implementing an interim pipeline replacement project due to the age of the existing pipe prior to construction of the permanent replacement pipeline. District staff has developed a potential alignment and materials list for the interim pipeline replacement project. It is likely that the District will implement the interim pipeline replacement project in parallel with EKI’s preparation of construction contract documents for a permanent replacement described below. Furthermore, EKI understands that the District requests EKI to assist in preparing details for construction of two emergency tie-in points on the north and south side of the existing Main Street Bridge.

PROPOSED SCOPE OF WORK

The EKI team proposes the following scope of work for preparing construction contract documents suitable for public bidding.

Task 1: Obtain and Confirm Information

EKI will request the following information from the District:



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- Distribution System Map in Geographic Information System (“GIS”) format
- Record drawings of the portion of the existing Pipeline within the Project limits
- Utility maps for utilities that may be located within the project area
- Approximate flow and pressure in the Pipeline

EKI will compile and review the information provided by the District. The information will be included in submittals discussed below.

Task 2: Topographic Survey Mapping

The EKI team is proposing ground surveys to accurately locate existing elevations, improvements, buildings, and utilities. Our survey will be based on City benchmarks and established horizontal control in the area. We will survey up to the back of sidewalk for the length of the project within City streets plus 20 feet past the project limits. The EKI team will also survey the Project area within private property including within the Creek and along the bank where the Pipeline will cross.

As part of our surveying efforts, we will perform the following tasks:

- Locate approximate easement boundaries using Assessor Parcel Maps available from San Mateo County to determine encroachments into private property.
- Incorporate utility information obtained under Task 1 into the surveys and overlay information onto the survey base map.

All work products produced as part of this Task 2 will be included in submittals discussed below.

Task 3: Geotechnical Investigation

The objective of this geotechnical investigation is to explore subsurface conditions along the proposed pipeline alignment and to provide geotechnical recommendations for design and construction of the pipeline including the trenchless portion of the Project. The geotechnical investigation is anticipated to include:

1. Visit the site to observe existing site conditions and mark proposed boring locations.
2. Notify USA for underground utility clearance.
3. Obtain a subsurface drilling permit from County of San Mateo Environmental Health Services Division.



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4. Conduct subsurface exploration by means of three (3) conventional borings; one boring on Mill Street, one boring at the north end of Purissima Street (south of Pilarcitos Creek) and one boring on the private property north of Pilarcitos Creek.

The EKI team will assist the District in securing right-of-entry from the private property north of Pilarcitos Creek and encroachment permit from City for our work on public streets.

5. Perform laboratory testing on selected soil samples obtained from the borings to evaluate pertinent engineering properties.
6. Perform engineering analysis on the collected data.
7. Prepare a geotechnical investigation report. Six (6) copies of the report will be submitted.

The EKI team will use the results of the geotechnical investigation to assist in the design of the proposed Project. The geotechnical report will be included with the submittals described in Task 4.

Task 4: Construction Document Preparation

As part of the design efforts, the EKI team will first prepare details for construction of two emergency tie-in points on the north and south side of the existing Main Street Bridge to support the District's interim replacement of the Pipeline. The tie-in point on the north side of the Bridge will be designed to be the future permanent tie-in point for the permanent replacement pipeline.

The EKI team will first produce preliminary design plans for the permanent replacement pipeline that are at the 30 percent level. As part of the 30 percent design efforts, the EKI team will produce and submit a feasibility technical memorandum that evaluates the applicability of jacking trenchless construction methods, such as auger boring, microtunneling, etc., for the Pilarcitos Creek crossing. EKI will prepare 30 percent level plans based on the recommended construction method. EKI will communicate with the District throughout our 30 percent design efforts to discuss in progress results of the feasibility study and provide periodic status updates. The plans will be presented to the District during a technical review workshop. The conceptual agenda for the technical review workshop includes discussions regarding the following;

- The preliminary pipeline alignment alternatives including preferred alignment;
- The recommended construction method for Pilarcitos Creek crossing including review of aerial photography, coordinate with the geotechnical investigation, and perform site visits;
- Define pipe material;
- Define casing diameter and material;



Mr. Dave Dickson
4 June 2014
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- Define project constraints such as approximate right-of-way, utility conflicts, and other items;
- The survey base map;
- Potential utility offsets; and
- The preliminary opinion of probable cost based on the recommended construction method.

Please note that technical specifications are not anticipated to be submitted as part of the preliminary design technical review workshop. However, an outline of the technical specifications anticipated to be developed will be included with the submittal. Meeting minutes from the workshop will be provided to all attendees and will serve as the record for decisions made during the workshop to allow the EKI team to proceed with Final Design.

Following submittal of the preliminary design technical review workshop meeting minutes, the EKI team will prepare construction contract documents for the Project. The construction contract documents, referred to as Plans, Specifications and Estimates (“PS&E”) are anticipated to include the following:

- Specifications including:
 - General Conditions provided by the District;
 - Supplementary General Conditions;
 - Technical Specification
- Construction Drawings including:
 - General Sheet including Project map, general notes, abbreviations, and legend;
 - Site Civil Sheet presenting the Project limits, general alignment, topography, and utility information;
 - Plan and Profile Sheets presenting the detailed alignment (both horizontal and vertical), utility crossings, and other details; and
 - Civil Details Sheet with standard details, Project details, and other construction standards.
- Opinion of Probable Construction Cost.

It is anticipated that submittals containing the information listed above will be provided at the 75% completion level, Draft Bid Package, and Final Bid Package completion levels. Technical review workshops will be held for both the 75% and Draft Bid Package submittals. The EKI team will provide three hard copies of each of the design submittals except for the Final Bid Package. The EKI team will provide native PDFs of the Final Bid Package to the District for copying and distribution to potential bidders.



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Task 5: Environmental Permitting Assistance

This task includes a written report that provides sufficient information on biological resources and recommended setbacks and buffers for inclusion in the Coastal Development Permit (“CDP”) to be prepared by the District. The Biological Resources Evaluation (“BRE”) will identify sensitive habitat types and species identified in the Local Coastal Program (“LCP”) including: riparian corridors, wetlands, marine and estuarine habitats, sand dunes, sea cliffs, rare and endangered species, and unique species. The reports will be in a format that will specifically exhibit compliance with the Coastal Resources Conservation Standards set forth (Section 18.38) of the LCP. The EKI team assumes that the District will submit the final BRE to the City as part of the CDP application process.

This task will also include an application package prepared and submitted to the DFW. Given that the pipeline is to be installed beneath Pilarcitos Creek, it is likely that the DFW will require a 1602 Lake and Streambed Alteration Agreement (“LSAA”) for the project. The LSAA covers maintenance activities with the potential to alter a streambed or bank, in addition to potential wildlife habitat on their margins. The EKI team will complete the application materials and act as the CCWD’s agent during the project to make sure the DFW has all of the project information needed.

Task 6: Bid Assistance

The EKI team will assist the District during the bid process. We will prepare for and attend one pre-bid meeting including preparing a meeting agenda, manage the meeting sign in sheet, and prepare meeting minutes. The EKI team will also prepare one addendum for the Project including a draft submittal to the District.

PROJECT SCHEDULE

The EKI Team’s proposed milestone schedule is as follows:

Milestone	Date
Preliminary 30% Design Submittal	15 September 2014
75% Design Submittal	26 October 2014
Draft Final Bid Package Submittal	2 January 2014
Final Bid Package Submittal	3 February 2014



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COMPENSATION FOR CONSULTING SERVICES

On the basis of the proposed Scope of Work described above, we propose a time and materials budget of \$241,000 for the completion of Tasks 1 through 6, as detailed in Table 1, which will not be exceeded without additional authorization from the District.

Thanks you for the opportunity to work with the District on this project. Please contact Jeff Tarantino at 650-292-9064 with any questions.

Very truly yours,

ERLER & KALINOWSKI, INC.

A handwritten signature in blue ink, appearing to read "Stephen A. Tarantino".

Stephen A. Tarantino, P.E.
Vice President

A handwritten signature in blue ink, appearing to read "Jeffrey J. Tarantino".

Jeffrey J. Tarantino, P.E.
Project Manager

TABLE

Table 1 Estimated Cost for Completion of the Proposed Scope of Work

FIGURE

Figure 1 Main Street Bridge Pipeline Replacement Project

ATTACHMENTS

Attachment 1 EKI Schedule of Charges, dated 1 January 2014

TABLE 1
ESTIMATED BUDGET FOR ENGINEERING DESIGN SERVICES FOR REPLACEMENT OF THE MAIN STREET PIPELINE
 Coastside County Water District, Half Moon Bay, California

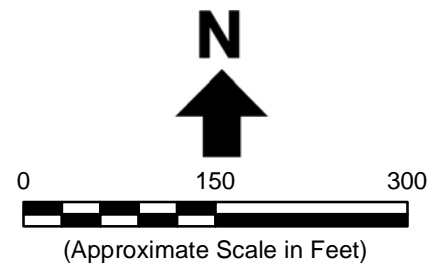
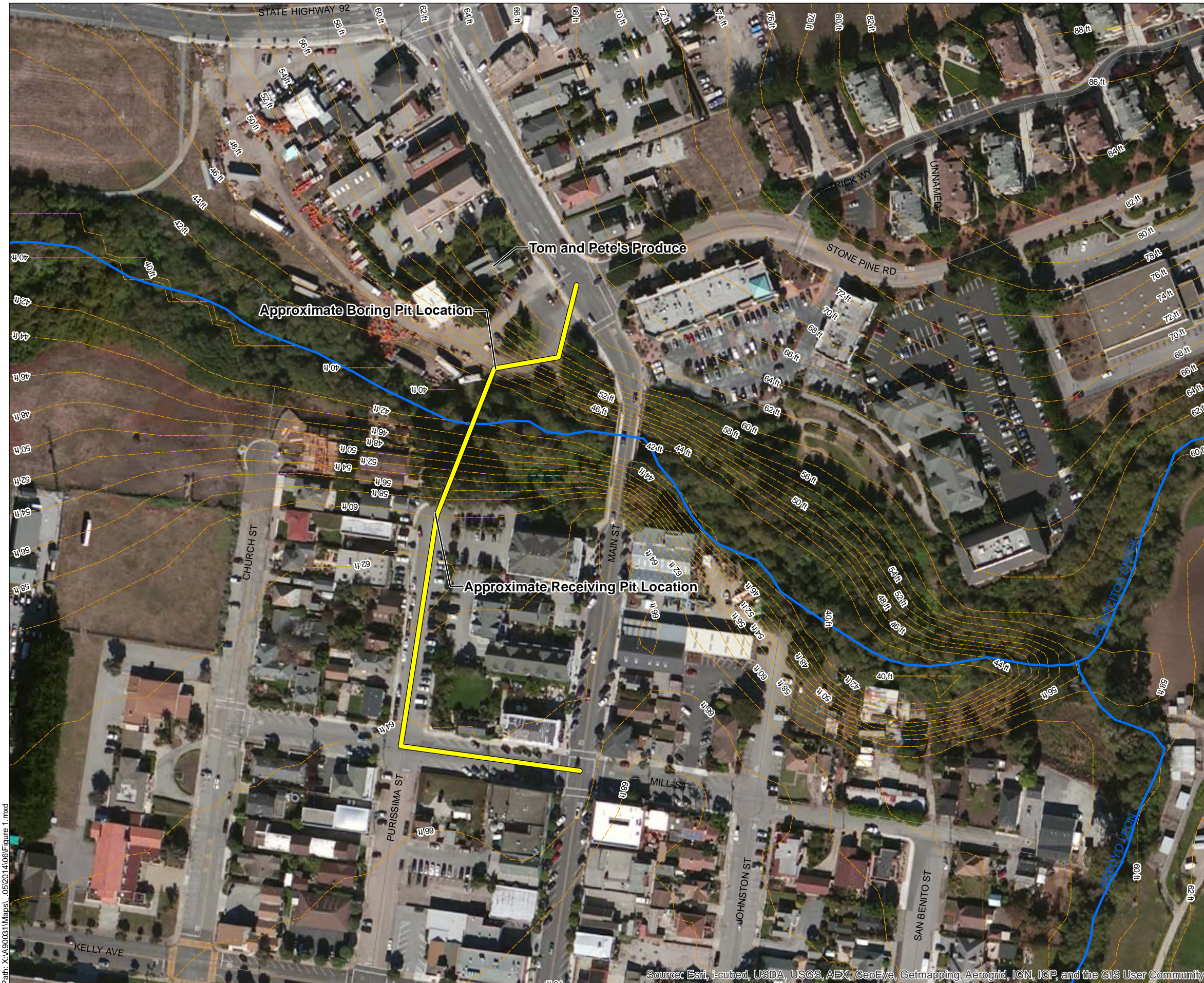
TASKS	ESTIMATED LABOR (Hours) (1)										TOTAL LABOR COST (\$)	EXPENSES AND ADMINISTRATION				ESTIMATED COST (2)		
	EKI					BTE		WRA				UNIT	QNTY	UNIT COST (\$)	10% MARKUP (\$)	TOTAL COST PER ITEM (\$)	SUB TOTALS (\$)	
	Typist/Secretary	CAD	Jonathan Sutter, P.E.	Jeffrey J. Tarantino, P.E.	Stephen A. Tarantino, P.E.	Senior Project Engineer	Senior Project Manager	GIS Tech	Leslie Lazarotti	Geoff Smick								
	73	120	142	212	243	215	231	125	144	189								
Task 1: Obtain and Confirm Information																		
Obtain and confirm information from District			4	1													\$780	\$780
Review information including coordination with utility owners			4	1													\$780	\$780
Communications Fee																	\$47	\$47
Subtotal Labor Hours - Task 1			8	2													\$1,560	\$1,600
Task 2: Topographic Survey Mapping																		
Review of Utility Information			4	2													\$992	\$992
Field Survey Allowance (2 days)											ls	1	\$10,000	\$1,000			\$11,000	\$11,000
Assessor Parcel Map Research			4	2	2												\$1,478	\$1,478
Preparation of Survey Base Map			8	4	2												\$1,952	\$1,952
Communications Fee																	\$133	\$133
Subtotal Labor Hours - Task 2			8	12	6	2											\$4,422	\$15,600
Task 3: Geotechnical Investigation																		
Geotechnical coordination and review			4	2		12	8										\$5,414	\$5,414
Encroachment permit and right-of-entry assistance			8														\$1,136	\$1,136
Project setup, startup, permits (Pacific Geotech)											ls	1	\$1,245	\$125			\$1,370	\$1,370
Subsurface exploration - dirilling, logging, and traffic control (Pacific Geotech)											ls	1	\$4,225	\$423			\$4,648	\$4,648
Laboratory testing (Pacific Geotech)											ls	1	\$815	\$82			\$897	\$897
Engineering and report (Pacific Geotech)											ls	1	\$2,475	\$248			\$2,723	\$2,723
Handling, testing, and disposal of soil cuttings (optional) (Pacific Geotech)											ls	1	\$2,350	\$235			\$2,585	\$2,585
Communications Fee																	\$197	\$197
Subtotal Labor Hours - Task 3			12	2		12	8										\$6,550	\$19,000
Task 4: Construction Document Preparation																		
Prepare details for two emergency tie-in points			8	8	2												\$2,520	\$2,520
Site Visit							10										\$2,310	\$2,310
Review construction methods							8	4									\$2,640	\$2,640
Preliminary calculations: Settlement, Jacking forces							12	4									\$3,498	\$3,498
Trenchless Feasibility Technical Memorandum				4	2		16	4									\$5,348	\$5,348
Prepare 30% Specifications Outline				16	4		8	2									\$5,298	\$5,298
Prepare 30% Plans			80	120	24		12	4									\$35,226	\$35,446
Prepare 30% Opinion of Probable Cost				16	4		12	4				ls	1	\$200	\$20		\$6,618	\$6,618
Internal review						4											\$972	\$972
Technical Review Workshop (including prep work)			4	8	8	2						ls	1	\$200	\$20		\$3,610	\$3,830
Prepare 75% Specifications				120	8		40	20									\$31,936	\$31,936
Prepare 75% Plans			40	40	4		16	8									\$16,608	\$16,608
Prepare 75% Opinion of Probable Cost				16	4		8	4									\$5,760	\$5,760
Update 75% Trenchless Design Calculations					2		8	4									\$3,064	\$3,064

TABLE 1
ESTIMATED BUDGET FOR ENGINEERING DESIGN SERVICES FOR REPLACEMENT OF THE MAIN STREET PIPELINE
 Coastside County Water District, Half Moon Bay, California

TASKS	ESTIMATED LABOR (Hours) (1)										TOTAL LABOR COST (\$)	EXPENSES AND ADMINISTRATION				ESTIMATED COST (2)	
	EKI					BTE		WRA				UNIT	QNTY	UNIT COST (\$)	10% MARKUP (\$)	TOTAL COST PER ITEM (\$)	SUB TOTALS (\$)
	Typist/Secretary	CAD	Jonathan Sutter, P.E.	Jeffrey J. Tarantino, P.E.	Stephen A. Tarantino, P.E.	Senior Project Engineer	Senior Project Manager	GIS Tech	Leslie Lazarotti	Geoff Smick							
Allowance for internal review	73	120	142	212	243	215	231	125	144	189	\$486					\$486	
Prepare 75% Submittal	2	4	8	4							\$2,610	ls	1	\$200	\$20	\$2,830	
75% Submittal Technical Review Workshop			4	4	2						\$1,902					\$1,902	
Prepare Draft Bid Documents	2	24	40	8		20	12				\$17,464					\$17,464	
Allowance for internal review					2						\$486					\$486	
Prepare draft Bid Documents Submittal		4	4	2							\$1,472					\$1,472	
Draft Bid Documents Technical Review Workshop			4	4	2						\$1,902	ls	1	\$200	\$20	\$2,122	
Prepare Final Bid Documents	2	16	16	8	2	8	4				\$9,160					\$9,160	
Allowance for internal review					2						\$486					\$486	
Project management						8	12				\$4,488					\$4,488	
Communications Fee												-	3%	\$165,864		\$4,976	
Subtotal Labor Hours - Task 4	10	176	424	92	18	176	96				\$165,864						\$171,700
Task 5: Environmental Permitting Assistance																	
Bennett Permitting Assistance						24	12				\$7,920					\$7,920	
Review existing biological databases								4	2		\$955					\$955	
Site Visit								4			\$576					\$576	
Prepare draft BRE including figures								16	16		\$4,312					\$4,312	
Internal review				2						4	\$1,181					\$1,181	
Prepare final BRE including figures								8	8		\$2,156					\$2,156	
Review available information								2	1		\$477					\$477	
Prepare LSAA package								10	16		\$3,560					\$3,560	
Internal Review				2						2	\$802					\$802	
Coordinate with CCWD										4	\$576					\$576	
Submit LSAA to DFW								2	2		\$539					\$539	
Coordinate with DFW										12	\$1,729					\$1,729	
Communications Fee												-	3%	\$24,784		\$744	
Subtotal Labor Hours - Task 5				4		24	12	36	68	9	\$24,784						\$25,500
Task 6: Bid Assistance																	
Prepare for Pre-Bid Meeting	2		12	2							\$2,274	ls	1	\$100	\$10	\$2,384	
Attend Pre-Bid Meeting				2	2						\$910					\$910	
Prepare One Addendum	4		16	4							\$3,412	ls	1	\$100	\$10	\$3,522	
Communications Fee												-	3%	\$6,596		\$198	
Subtotal Labor Hours - Task 6	6		28	8	2						\$6,596						\$7,000
Total Labor Hours	16	184	484	114	22	212	116	36	68	9	\$209,776						\$240,400

Notes to Table:

- (1) Billing rates for subconsultants includes 10% markup.
 (2) Estimated costs are rounded to the nearest \$100.



- Legend**
- Conceptual Alignment of New 16-inch Water Pipeline
 - - - Elevation Contours Based on San Mateo County DEM

Notes
 1. All locations are approximate.

- Sources**
1. Basemap source: http://services.arcgisonline.com/ArcGIS/rest/services/Reference/World_Transportation/MapServer.
 2. DEM Source: CalAtlas

Erler & Kalinowski, Inc.

Main Street Bridge Pipeline Replacement Project

Coastside County Water District
 Half Moon Bay, CA

June 2014
 EKI A90031.05

DRAFT

Privileged & Confidential

Figure 1

Source: Esri, i-cubed, USDA, USGS, AEX, GeoEye, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

Path: X:\A90031\Mapst..._052014\06\Figure 1.mxd



Attachment 1

EKI Schedule of Charges, dated 1 January 2014

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



Proposal/Agreement Date: 5 May 2014

EKI Project # B4-028

SCHEDULE OF CHARGES FOR ERLER & KALINOWSKI, INC. 1 JANUARY 2014 (MODIFIED)

Personnel Compensation

Classification	Hourly Rate
Officer and Chief Engineer-Scientist	253
Principal Engineer-Scientist	243
Supervising Engineer-Scientist	233
Senior I, Engineer-Scientist	212
Senior II, Engineer-Scientist	198
Associate I, Engineer-Scientist	190
Associate II, Engineer-Scientist	177
Engineer-Scientist, Grade 1	163
Engineer-Scientist, Grade 2	153
Engineer-Scientist, Grade 3	142
Engineer-Scientist, Grade 4	122
Engineer-Scientist, Grade 5	106
Engineer-Scientist, Grade 6	95
Technician	89
CADD / GIS Operator	100
Administrative Assistant	88
Secretary	73

Direct Expenses

Reimbursement for direct expenses, as listed below, incurred in connection with the work will be at cost plus ten percent (10%) for items such as:

- a. Maps, photographs, reproductions, printing, equipment rental, and special supplies related to the work.
- b. Consultants, soils engineers, surveyors, drillers, laboratories, and contractors.
- c. Rented vehicles, local public transportation and taxis, travel and subsistence.
- d. Special fees, insurance, permits, and licenses applicable to the work.
- e. Outside computer processing, computation, and proprietary programs purchased for the work.

Communication charges for local and long distance telephone, facsimile transmittal, standard delivery U.S. postage, and routine in-house copying will be charged at a rate of 3% of labor charges. Large volume copying of project documents, e.g., bound reports for distribution or project-specific reference files, will be charged as a project expense as described above.

Reimbursement for company-owned automobiles, except trucks and four-wheel drive vehicles, used in connection with the work will be at the rate of sixty cents (\$0.60) per mile. The rate for company-owned trucks and four-wheel drive vehicles will be seventy-five cents (\$0.75) per mile. There will be an additional charge of thirty dollars (\$30.00) per day for vehicles used for field work. Reimbursement for use of personal vehicles will be at the federally allowed rate plus ten percent (10%).

CADD and Modeling Computer time will be charged at twenty dollars (\$20.00) per hour. In-house material and equipment charges will be in accordance with the current rate schedule or special quotation. Excise taxes, if any, will be added as a direct expense.

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

The foregoing Schedule of Charges is incorporated into the Agreement for the Services of Erler & Kalinowski, Inc. and may be updated annually.

TABLE A
MAIN STREET BRIDGE PIPELINE REPLACEMENT - BORE AND JACK CONSTRUCTION
 Coastside County Water District, Half Moon Bay, California

Project: Main Street Bridge Pipe Replacement **Prepared By:** Erler & Kalinowski, Inc.
Date Prepared: 4 June 2014
Proj. No.: A90031.05
Level of Design: Conceptual

ITEM NO.	ITEM DESCRIPTION		TOTAL	NOTES	VENDOR/ PROVIDER
1. Engineering Design Costs					
	Design		\$241,000	Design Services and Permitting Assistance	EKI Team
Subtotal Design			\$241,000		
2. Construction Costs					
	Boring Pit Construction		\$200,000	Includes excavation, shoring, and backfill	GC
	Receiving Pit Construction		\$100,000	Includes excavation, shoring, and backfill	GC
	Bore and Jack Pipe Installation		\$180,000	Includes installation of 30-inch diameter casing and 16-inch diameter carrier pipe in 200 lineal feet creek crossing	GC
	Open-Cut Pipe Installation		\$216,000	Includes excavation, installation of 16-diameter pipe, testing, and rehabilitation	GC
	Pipe Fittings		\$22,000	Includes materials and installation	GC
	Utility Crossing Allowance		\$15,000		GC
	Traffic Control Allowance		\$10,000		GC
Subtotal Materials and Installation/Labor			\$743,000		
	Contractor Mobilization, Demobilization, General Conditions and Markup	10%	\$74,000	10% of total installed costs	GC
Subtotal Construction			\$817,000		
3. Administration Costs					
	Construction Management	15%	\$123,000	Estimated as a percent of Construction based on previous experience.	CM
	Permitting Fees		\$5,000		CCWD
	Easement Costs		--	Easements costs not included in total opinion of probable costs	CCWD
Subtotal Administration			\$128,000		
4. Contingency					
	Total Project (Design/Construction/Administration) Contingency	30%	\$356,000	30% of total Design, Construction, and Administration Costs	
Subtotal Contingency			\$356,000		

TOTAL OPINION OF PROBABLE COST

\$1,540,000

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: June 10, 2014

Report

Date: June 5, 2014

Subject: Proposed Fiscal Year 2014-2015 Budget, Fiscal Year 2014/15 to 2023/24 Capital Improvement Program, and Fiscal Year 2014/15 to 2023/24 Financing Plan

Recommendation:

No Board action required at this time.

Background:

Staff presents for the Board's review the attached proposed Fiscal Year 2014-2015 Budget and Fiscal Year 2014/15 to 2023/24 Capital Improvement Program (CIP).

Highlights:

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 (2014-15 Plan) will meet the District's revenue requirements. The proposed rate increases for FY 14-15 and subsequent years are higher than those projected in the 2013-14 Plan, primarily due to additional capital projects and to drought-related decreases in water sales.

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

Attachment A presents the ten-year Rate Increases sheet and additional supporting sheets from the Financing Plan. Attachment B presents the Operation and Maintenance Budget, and Attachment C presents the detailed CIP. The budget has been revised to include the Assistant General Manager position authorized by the Board on May 13, 2014, with the assumption that the position would be filled effective October 1. The cost of this position is included in the financing plan.

Budget Changes vs. FY 14 Budget

- Projected water sales revenue of \$8,833,000, 10% higher than FY14 budget and 4% higher than projected year-end FY14 water revenue.
- Non-operating revenue essentially the same as FY14 at \$1.1 million.
- Total operating expense increase of about 16% over FY14 budget due to increased SF water purchase costs, position added during FY14, new position authorized by the Board in May 2014, drought-related expenses.
- \$670,000 increase in SFPUC water purchase cost vs. FY14 budget due to effect of 19.6% SFPUC increase and drought-reduced local sources.
- \$165,000 increase in Studies/Surveys/Consulting due to drought, water audit, urban water management plan preparation.

CIP

- \$32,123 total CIP (FY15 dollars)
- Net increase of \$6.2 million vs. FY2013/14-2022/23 CIP, with the increase primarily due to changes in Advanced Metering Infrastructure and addition of District Administration/Operations Center project.

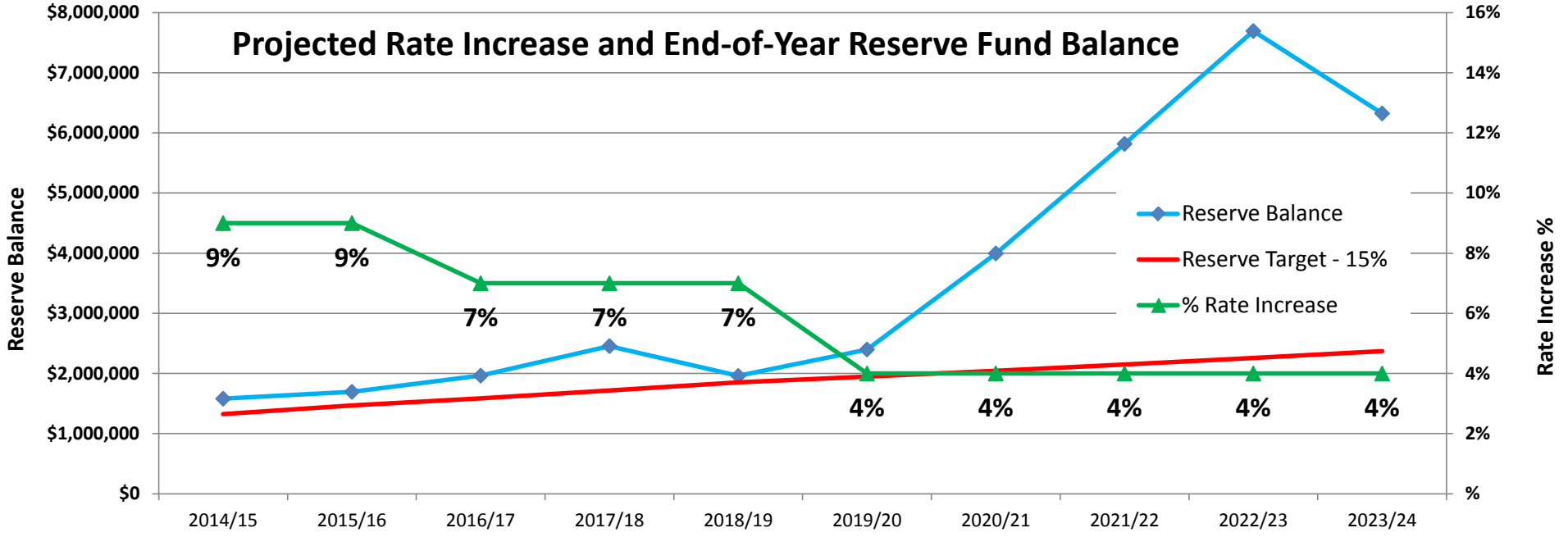
Attachment A

Fiscal Year 2014/15 to Fiscal Year 2023/24

Financing Plan Sheets

CCWD Rate Increases Needed to Meet Revenue Requirements - FY14/15 to FY23/24

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
% Rate Increase	9%	9%	7%	7%	7%	4%	4%	4%	4%	4%
Cumulative Increase	1.09	1.19	1.27	1.36	1.46	1.51	1.57	1.64	1.70	1.77
New Borrowing 1			3000000							
New Borrowing 2				2500000						



10-Year Total Water Revenue: 124,809,888

**Coastside County Water District - Financing Plan
Operating Expenses**

Projected Future Operating Expenses											
	Budget 2014/15	Inflation Factor	Estimated								
			2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
Operating Expenses											
Water Purchased	\$2,338,491	varies	\$2,580,856	\$2,412,963	\$2,281,253	\$2,590,177	\$2,751,442	\$2,681,199	\$2,747,173	\$2,911,754	\$3,033,009
Electricity	334,605	5%	357,000	379,000	402,000	426,000	452,000	479,000	508,000	539,000	572,000
Denniston WTP Maint./Oper.	79,500	5%	90,000	124,000	179,000	188,000	197,000	207,000	217,000	228,000	239,000
Nunes WTP Maint./Oper.	91,950	5%	92,000	89,000	83,000	89,000	95,000	101,000	108,000	115,000	123,000
CSP WTP Maint./Oper.	48,500	5%	49,000	47,000	44,000	47,000	50,000	53,000	57,000	61,000	65,000
Salaries & Payroll Taxes	1,877,580	5%	1,971,000	2,070,000	2,174,000	2,283,000	2,397,000	2,517,000	2,643,000	2,775,000	2,914,000
Insurance	579,296	5%	608,000	638,000	670,000	704,000	739,000	776,000	815,000	856,000	899,000
Employee Retirement	516,352	5%	542,000	569,000	597,000	627,000	658,000	691,000	726,000	762,000	800,000
Other Expenses	1,137,242	5%	1,194,000	1,254,000	1,317,000	1,383,000	1,452,000	1,525,000	1,601,000	1,681,000	1,765,000
Adjustment Scenario - Additional Position	225,000	5.0%	236,000	248,000	260,000	273,000	287,000	301,000	316,000	332,000	349,000
Total Operating Expenses	7,228,516		7,719,856	7,830,963	8,007,253	8,610,177	9,078,442	9,331,199	9,738,173	10,260,754	10,759,009
Increase from prior fiscal year			491,340	111,106	176,291	602,923	468,265	252,758	406,973	522,581	498,255
Percent increase from prior fiscal year			6.8%	1.4%	2.3%	7.5%	5.4%	2.8%	4.4%	5.4%	4.9%

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

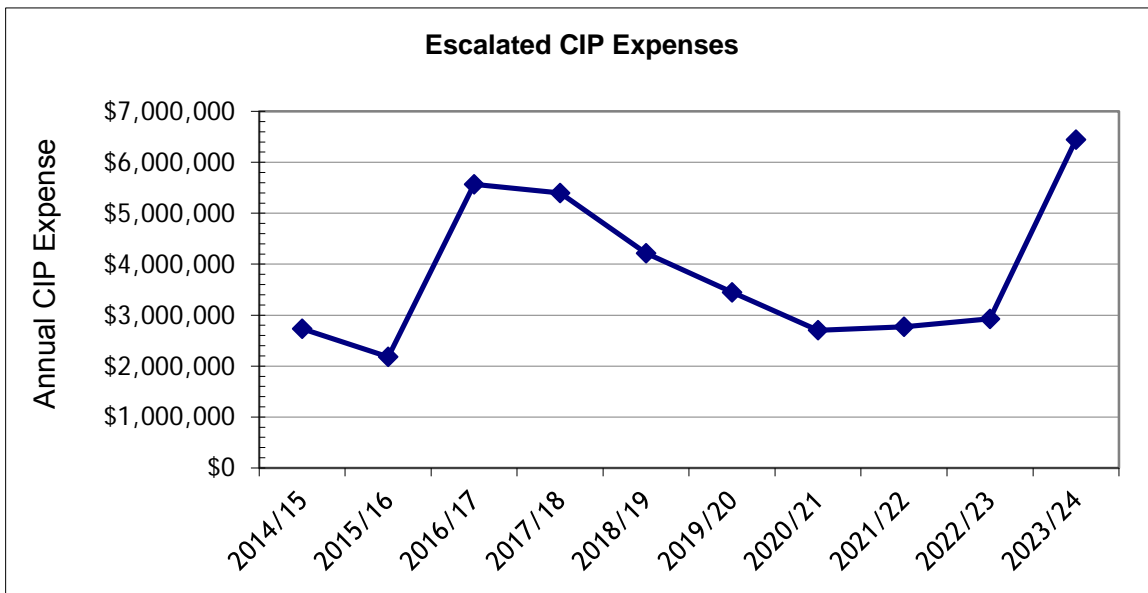
	Projected 2013/14	Budget 2014/15	Projected Future Water Production and Purchases								
			Estimated								
			2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
Total CCWD Water Demand	754	713	725	725	732	740	747	754	762	770	777
Year-year change	0.0%	-5.4%	1.7%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
CCWD Pilarcitos Wells	56	21	50	50	50	50	50	50	50	50	50
Denniston Wells	21	13	23	25	40	40	40	40	40	40	40
Denniston Surface Water	102	110	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	144	183	225	290	290	290	290	290	290	290
Total SFPUC (max 794 MG)	477	569	542	500	442	450	457	464	472	480	487
SFPUC year-year change		19.2%	-4.7%	-7.7%	-11.6%	1.7%	1.6%	1.6%	1.6%	1.6%	1.6%
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	\$1,977,107	\$2,219,472	\$2,051,579	\$1,919,869	\$2,228,793	\$2,390,058	\$2,319,815	\$2,385,789	\$2,550,370	\$2,671,625
BAWSCA Surcharge	\$281,460	\$280,000	\$280,000	\$280,000	\$280,000	\$280,000	\$280,000	\$280,000	\$280,000	\$280,000	\$280,000
Total SFPUC Water Purchase	\$1,777,903	\$2,338,491	\$2,580,856	\$2,412,963	\$2,281,253	\$2,590,177	\$2,751,442	\$2,681,199	\$2,747,173	\$2,911,754	\$3,033,009
% SFPUC Water	73%	80%	75%	69%	60%	61%	61%	62%	62%	62%	63%
SFPUC Rate Increase	9.9%	19.6%	17.8%	0.2%	5.8%	14.2%	5.5%	-4.5%	1.2%	5.2%	3.1%
SFPUC Unit Charge (\$/hcf)	\$2.45	\$2.93	\$3.45	\$3.46	\$3.66	\$4.18	\$4.41	\$4.21	\$4.26	\$4.48	\$4.62
Untreated Water Discount	0.27	0.33	0.39	0.39	0.41	0.47	0.50	0.47	0.48	0.50	0.52
SFPUC Rate w/Discount	\$2.18	\$2.60	\$3.06	\$3.07	\$3.25	\$3.71	\$3.91	\$3.74	\$3.78	\$3.98	\$4.10
Untreated Water Discount Savings		\$250,921	\$281,681	\$260,373	\$243,657	\$282,863	\$303,330	\$294,415	\$302,788	\$323,676	\$339,065
<u>Denniston Supply Benefit:</u>											
Avoided SFPUC Cost		\$481,838	\$613,752	\$809,184	\$1,174,103	\$1,340,825	\$1,414,571	\$1,350,915	\$1,367,126	\$1,438,217	\$1,482,801
Cumulative Avoided Cost		\$481,838	\$1,095,591	\$1,904,774	\$3,078,877	\$4,419,703	\$5,834,273	\$7,185,188	\$8,552,314	\$9,990,531	\$11,473,332

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

Escalation

4% per year

Escalated 10-Year Capital Improvement Plan			
	FY	CIP in Current Year Dollars	Escalated CIP
0	2014/15	\$2,733,000	\$2,733,000
1	2015/16	\$2,098,000	\$2,182,000
2	2016/17	\$5,148,000	\$5,568,000
3	2017/18	\$4,798,000	\$5,397,000
4	2018/19	\$3,603,000	\$4,215,000
5	2019/20	\$2,833,000	\$3,447,000
6	2020/21	\$2,138,000	\$2,705,000
7	2021/22	\$2,106,500	\$2,772,000
8	2022/23	\$2,138,000	\$2,926,000
9	2023/24	\$4,528,000	\$6,445,000
	Total	\$32,123,500	\$38,390,000



Attachment B

Fiscal Year 20143-2015

Operation & Maintenance Budget

Account Number	Description	Proposed Budget FY 14/15	Approved FY13/14 Budget	FY14/15 Budget Vs. FY 13/14 Budget \$ Change	FY 14/15 Budget Vs. FY 13/14 Budget % Change	Proj Year End Actual FY 13/14	FY 14/15 Budget Vs. FY 13/14 Actual \$ Change	FY 14/15 Budget Vs. FY 13/14 Actual % Change	YTD Actual FY 13/14 as of March 31, 2014
OPERATING REVENUE									
4120	Water Sales (1) *	\$8,832,988	\$8,004,204	\$828,784	10.4%	\$8,499,000	\$333,988	3.9%	\$6,150,302
Total Operating Revenue		\$8,832,988	\$8,004,204	\$828,784	10.4%	\$8,499,000	\$333,988	3.9%	\$6,150,302
NON-OPERATING REVENUE									
4170	Hydrant Sales	\$25,000	\$25,000	\$0	0.0%	\$28,896	-\$3,896	-13.5%	\$22,396
4180	Late Penalty	\$70,000	\$70,000	\$0	0.0%	\$74,920	-\$4,920	-6.6%	\$56,920
4230	Service Connections	\$8,000	\$8,000	\$0	0.0%	\$11,196	-\$3,196	-28.5%	\$8,196
4920	Interest Earned	\$2,544	\$3,045	-\$501	-16.4%	\$6,983	-\$4,439	-63.6%	\$6,383
4930	Property Taxes	\$600,000	\$600,000	\$0	0.0%	\$605,417	-\$5,417	-0.9%	\$405,417
4950	Miscellaneous	\$37,000	\$37,000	\$0	0.0%	\$32,243	\$4,757	14.8%	\$24,243
4955	Cell Site Lease Income	\$134,880	\$121,452	\$13,428	11.1%	\$134,009	\$871	0.6%	\$101,009
4965	ERAF Refund	\$200,000	\$200,000	\$0	0.0%	\$333,208	-\$133,208	-40.0%	\$333,208
Total Non-Operating Revenue		\$1,077,424	\$1,064,497	\$12,927	1.2%	\$1,226,873	-\$149,449	-12.2%	\$957,773
TOTAL REVENUES		\$9,910,412	\$9,068,701	\$841,711	9.3%	\$9,725,873	\$184,539	1.9%	\$7,108,075
OPERATING EXPENSES									
5130	Water Purchased	\$2,446,253	\$1,776,489	\$669,764	37.7%	\$2,309,919	\$136,334	5.9%	\$1,729,919
5230	Electrical Exp. Nunes WTP	\$25,000	\$22,000	\$3,000	13.6%	\$27,349	-\$2,349	-8.6%	\$19,349
5231	Electrical Expenses, CSP	\$150,910	\$150,910	\$0	0.0%	\$313,839	-\$162,929	-51.9%	\$264,839
5232	Electrical Expenses/Trans. & Dist.	\$13,700	\$14,180	-\$480	-3.4%	\$11,701	\$1,999	17.1%	\$8,701
5233	Elec Exp/Pilarcitos Cyn	\$24,995	\$24,995	\$0	0.0%	\$3,377	\$21,618	640.1%	\$3,127
5234	Electrical Exp., Denn	\$120,000	\$139,500	-\$19,500	-14.0%	\$16,021	\$103,979	649.0%	\$10,021
5235	Denn. WTP Oper.	\$27,000	\$27,000	\$0	0.0%	\$9,852	\$17,148	174.1%	\$7,852
5236	Denn WTP Maint	\$52,500	\$38,000	\$14,500	38.2%	\$42,970	\$9,530	22.2%	\$32,970
5240	Nunes WTP Oper	\$40,450	\$75,330	-\$34,880	-46.3%	\$52,851	-\$12,401	-23.5%	\$42,851
5241	Nunes WTP Maint	\$51,500	\$45,000	\$6,500	14.4%	\$41,135	\$10,365	25.2%	\$27,635
5242	CSP - Operation	\$8,500	\$8,500	\$0	0.0%	\$9,662	-\$1,162	-12.0%	\$7,162
5243	CSP - Maintenance	\$40,000	\$40,000	\$0	0.0%	\$32,410	\$7,590	23.4%	\$2,410
5250	Laboratory Expenses	\$40,000	\$50,000	-\$10,000	-20.0%	\$42,254	-\$2,254	-5.3%	\$29,754
5318	Studies/Surveys/Consulting	\$240,000	\$75,000	\$165,000	220.0%	\$45,800	\$194,200	424.0%	\$10,800
5321	Water Conservation	\$39,000	\$58,000	-\$19,000	-32.8%	\$41,629	-\$2,629	-6.3%	\$21,629
5322	Community Outreach	\$41,700	\$31,700	\$10,000	31.5%	\$23,289	\$18,411	79.1%	\$8,289
5325	Water Shortage Program	\$0	\$0	\$0	0.0%	\$0	\$0	0.0%	\$0
5411	Salaries - Field	\$1,053,066	\$946,432	\$106,634	11.3%	\$981,788	\$71,278	7.3%	\$736,788
5412	Maintenance Expenses	\$211,500	\$168,500	\$43,000	25.5%	\$203,348	\$8,152	4.0%	\$143,348
5414	Motor Vehicle Exp.	\$50,650	\$50,650	\$0	0.0%	\$51,232	-\$582	-1.1%	\$36,232
5415	Maintenance, Wells	\$10,000	\$10,000	\$0	0.0%	\$10,000	\$0	0.0%	\$0
5610	Salaries, Admin.	\$809,262	\$679,133	\$130,129	19.2%	\$663,318	\$145,945	22.0%	\$498,318
5620	Office Expenses	\$157,825	\$142,625	\$15,200	10.7%	\$141,886	\$15,939	11.2%	\$106,886
5621	Computer Services	\$91,800	\$79,860	\$11,940	15.0%	\$89,899	\$1,901	2.1%	\$34,899
5625	Meetings/Training/Seminars	\$23,000	\$20,000	\$3,000	15.0%	\$21,129	\$1,871	8.9%	\$16,129
5630	Insurance	\$115,000	\$115,000	\$0	0.0%	\$90,131	\$24,869	27.6%	\$70,131
5635	Ee/Ret Medical Insurance	\$482,296	\$410,077	\$72,219	17.6%	\$407,532	\$74,764	18.3%	\$287,532
5640	Employee Retirement	\$523,889	\$480,142	\$43,747	9.1%	\$431,784	\$92,105	21.3%	\$351,784
5645	SIP 401a Plan	\$30,000	\$30,000	\$0	0.0%	\$30,000	\$0	0.0%	\$0
5681	Legal	\$60,000	\$60,000	\$0	0.0%	\$42,935	\$17,065	39.7%	\$32,935
5682	Engineering	\$14,000	\$14,000	\$0	0.0%	\$6,036	\$7,964	131.9%	\$4,036
5683	Financial Services	\$24,000	\$24,000	\$0	0.0%	\$22,148	\$1,853	8.4%	\$16,648
5684	Payroll Taxes	\$134,604	\$116,590	\$18,014	15.5%	\$117,443	\$17,161	14.6%	\$87,443
5687	Memberships & Subscriptions	\$63,074	\$68,210	-\$5,136	-7.5%	\$55,069	\$8,005	14.5%	\$40,069
5688	Election Expense	\$0	\$25,000	-\$25,000	-100.0%	\$21,677	-\$21,677	-100.0%	\$21,677
5689	Union Expenses	\$6,000	\$6,000	\$0	0.0%	\$0	\$6,000	0.0%	\$0
5700	County Fees	\$17,700	\$16,700	\$1,000	6.0%	\$14,343	\$3,357	23.4%	\$10,343
5705	State Fees	\$16,000	\$14,000	\$2,000	14.3%	\$17,907	-\$1,907	-10.6%	\$16,907
Total Operating Expenses		\$7,255,175	\$6,053,523	\$1,201,652	16.6%	\$6,443,664	\$811,511	12.6%	\$4,739,414
CAPITAL ACCOUNTS									
5711	Existing Bonds - 1998A	\$0	\$266,890	-\$266,890	-100.0%	\$266,889	-\$266,889	-100.0%	\$266,890
5712	Existing Bonds - 2006B	\$485,889	\$483,859	\$2,030	0.4%	\$484,763	\$1,126	0.2%	\$484,763
5715	Existing Bond-CIEDB 11-099	\$338,024	\$353,143	-\$15,119	-4.3%	\$353,143	-\$15,119	-4.3%	\$353,143
Total Capital Accounts		\$823,913	\$1,103,892	-\$279,979	-25.4%	\$1,104,794	-\$280,881	-25.4%	\$1,104,795
TOTAL REVENUE LESS TOTAL EXPENSE		\$1,831,324	\$1,911,286	-\$79,962	-4.2%	\$2,177,415	-\$346,091	-15.9%	\$1,263,866
5713	Cont. to CIP & Reserves	\$1,831,324							

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
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4120 Description: Water Sales	
Actual Amount As Of: 31-Mar 2014	6,150,302
PROJECTED ACTIVITY to END of FY:	2,348,698
Projected YEAR END TOTAL:	8,499,000
PROPOSED Line Item Amount:	\$8,832,988 *

Approved Line Item Amount:

PREVIOUS YEAR BUDGET: 8,004,204

% Change Actual Year End compared to Proposed Line item amount.	3.9%
% Change to Previous Year Budget	10.4%
Dollar difference between proposed budget & current budget	828,784

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 30 new connections. Increased Consumer awareness in the third year of drought will keep consumption to levels seen in FY 14/15

* - Assumes a 7% Increase

Spread:

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

FY 14/15 Water Sales Projection

Based on data from FY12, FY13, FY14 YTD

Sales Class	Description	FY12 Total MG	FY13 Total MG	12-13 Change MG	12-13 % Change	FY13 to 2/28 MG	FY14 to 2/28 MG	13-14 Change MG	13-14 % Change	FY14 Projected MG	Projected 14-15 Change	Projected 14-15 MG
01	Residential	367.1	380.1	13.1	3.6%	254.8	270.0	15.2	6.0%	403	-3%	391
02	Commercial	39.7	38.2	-1.5	-3.7%	26.0	27.8	1.8	6.9%	37	0%	37
03	Restaurant	17.6	17.6	0.1	0.4%	11.9	13.3	1.5	12.5%	17	0%	17
04	Hotel/Motel	25.1	29.8	4.8	19.1%	20.7	22.3	1.6	7.5%	30	5%	31
05	Schools	17.4	13.5	-3.9	-22.2%	10.3	9.9	-0.5	-4.6%	13	-5%	12
06	Multiple Unit Dwellings	32.0	33.3	1.3	4.1%	22.6	23.9	1.3	5.9%	33	0%	33
07	Beaches/Parks	3.3	4.4	1.2	35.6%	3.0	4.7	1.7	56.7%	6	0%	6
08	Agriculture	76.2	70.8	-5.4	-7.1%	44.5	48.0	3.5	7.9%	70	0%	70
09	Recreational	1.7	1.2	-0.5	-30.5%	0.9	0.9	0.0	4.0%	1	0%	1
10	Marine	6.8	6.8	0.0	0.6%	5.0	5.2	0.3	5.4%	6	0%	6
11	Irrigation	45.9	83.6	37.7	82.0%	55.1	63.3	8.2	14.9%	91	-30%	64
	Portable Meters	2.0	1.7	-0.3	-13.9%	1.2	1.4	0.2	19.8%	2	0%	2
TOTALS		634.7	681.2	46.5	7.3%	456.0		34.9	7.7%	708	-5.4%	670

FY 14/15 Water Consumption Revenue Projection

Increase 9%

	T1	T2	T3	T4	Flat
2013-2014 Rates	6.01	6.62	8.61	10.65	8.19
2014-2015 Rates	6.55	7.22	9.38	11.61	8.93

Sales Class	Description	14-15 MG	CCF	% Tiered	Tier Distribution of Sales				Tier Revenue				Total Revenue		
					T1%	T2%	T3%	T4%	T1\$	T2\$	T3\$	T4\$	Total Tier Revenue	Total Flat Revenue	Class Revenue
01	Residential	391	522,335	100.0%	47.5%	42.1%	7.5%	2.9%	1,625,338	1,586,776	367,655	175,842	3,755,610	0	3,755,610
02	Commercial	37	49,198	0					0	0	0	0	0	439,198	439,198
03	Restaurant	17	22,882	0					0	0	0	0	0	204,274	204,274
04	Hotel/Motel	31	41,828	0					0	0	0	0	0	373,405	373,405
05	Schools	12	15,937	0					0	0	0	0	0	142,269	142,269
06	Multiple Unit	33	43,833	16.9%	36.9%	43.6%	10.8%	8.7%	17,907	23,306	7,508	7,481	56,202	325,175	381,377
07	Beaches/Parks	6	8,410	0					0	0	0	0	0	75,081	75,081
08	Agriculture	70	93,356	0					0	0	0	0	0	833,397	833,397
09	Recreational	1	1,654	0					0	0	0	0	0	14,765	14,765
10	Marine	6	8,435	0					0	0	0	0	0	75,302	75,302
11	Irrigation	64	85,091	0					0	0	0	0	0	759,615	759,615
	Portable Meters	2	2,747	0					0	0	0	0	0	24,527	24,527
TOTALS		670	895,708						1,643,245	1,610,082	375,163	183,324	3,811,813	3,267,008	\$7,078,820

Increase 9%

Rate	Description	FY13 Bill Count	FY14 Base Charge	FY15 Base Charge	Projected FY15 Base Revenue
01	1" Meter Other Cust	556	\$92.24	\$100.54	\$55,901
02	2" Meter Other Cust	110	\$295.21	\$321.78	\$35,396
03	3" Meter Other Cust	2	\$645.82	\$703.94	\$1,408
04	4" Meter Other Cust	6	\$2,214.51	\$2,413.82	\$14,483
10	1" Meter Res Cust	404	\$92.24	\$100.54	\$40,619
101	1" Meter Other Cust Monthly Bill	150	\$46.12	\$50.27	\$7,541
102	2" Meter Other Cust Monthly Bill	217	\$147.61	\$160.89	\$34,914
103	3" Meter Other Cust Monthly Bill	24	\$322.91	\$351.97	\$8,447
104	4" Meter Other Cust Monthly Bill	12	\$1,107.26	\$1,206.91	\$14,483
112	1 1/2" Meter Other Monthly Bill	84	\$89.07	\$97.09	\$8,155
12	1 1/2" Meter Other	60	\$178.13	\$194.16	\$11,650
134	3/4" Meter Other Cus Monthly Bill	12	\$27.67	\$30.16	\$362
159	5/8" Meter Other Cus Monthly Bill	84	\$18.41	\$20.07	\$1,686
33	3/4" For 2 Units	6	\$110.68	\$120.64	\$724
333	CANADA COVE 6" DC/2" BC/1"BC	12	\$217.89	\$237.50	\$2,850
34	3/4" Meter Other Cus	143	\$55.34	\$60.32	\$8,626
35	3/4" Meter Res	838	\$55.34	\$60.32	\$50,549
3N	3" No Base Charge	12	\$0.00	\$0.00	\$0
57	5/8" for 2 Units	111	\$73.64	\$80.27	\$8,910
58	5/8" Meter Res	33543	\$36.82	\$40.13	\$1,346,208
59	5/8" Meter Other Cus	2523	\$36.82	\$40.13	\$101,258

FY15 Base Revenue Projection

\$1,754,168

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2014/2015

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4170 Description: Hydrant Sales	
Actual Amount As Of: 31-Mar 2014	22,396
PROJECTED ACTIVITY to END of FY:	6,500
Projected YEAR END TOTAL:	28,896
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.	(13.5%)
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

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

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4180 Description: Late Penalty	
Actual Amount As Of: 31-Mar 2014	56,920
PROJECTED ACTIVITY to END of FY:	18,000
Projected YEAR END TOTAL:	74,920
PROPOSED Line Item Amount:	70,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	70,000
% Change Actual Year End compared to Proposed Line item amount.	(6.6%)
% Change to Previous Year Budget	100.0%
Dollar difference between proposed budget & current budget	0
NARRATIVE:	

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4230 Description: Service Connections	
Actual Amount As Of: 31-Mar 2014	8,196
PROJECTED ACTIVITY to END of FY:	3,000
Projected YEAR END TOTAL:	11,196

PROPOSED Line Item Amount:	8,000
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	8,000
-----------------------	-------

% Change Actual Year End compared to Proposed Line item amount.	(28.5%)
-----------------------------------------------------------------	---------

% 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
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Jan	Feb	Mar	Apr	May	Jun
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COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4920 Description: Interest Earned	
Actual Amount As Of: 31-Mar 2014	6,383
PROJECTED ACTIVITY to END of FY:	600
Projected YEAR END TOTAL:	6,983
PROPOSED Line Item Amount:	\$ 2,544

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	3,045
% Change Actual Year End compared to Proposed Line item amount.	(63.6%)
% Change to Previous Year Budget	(16.4%)
Dollar difference between proposed budget & current budget	-501

NARRATIVE:

Interest income is derived from cash on deposit with LAIF.

Cash on Deposit	Balance	Less CSP \$							
	1,017,668	0	1,017,668	x	0.25%	=	\$	2,544	

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4930 Description: Property Taxes	
Actual Amount As Of: 31-Mar 2014	405,417
PROJECTED ACTIVITY to END of FY:	200,000
Projected YEAR END TOTAL:	605,417
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.	(0.9%)
% 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	\$600,000

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4950 Description: Miscellaneous	
Actual Amount As Of: 31-Mar 2014	24,243
PROJECTED ACTIVITY to END of FY:	8,000
Projected YEAR END TOTAL:	32,243
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.	14.8%
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

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

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

	FY 14/15
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
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4955 Description: Cell Site Lease Income	
Actual Amount As Of: 31-Mar 2014	101,009
PROJECTED ACTIVITY to END of FY:	33,000
Projected YEAR END TOTAL:	134,009
PROPOSED Line Item Amount:	134,880

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	121,453
% Change Actual Year End compared to Proposed Line item amount.	0.6%
% Change to Previous Year Budget	11.1%
Dollar difference between proposed budget & current budget	13,427

NARRATIVE:

Revenue from Cell Site Leasing

<u>Sub-Account</u>	<u>FY 14/15</u>
Sprint Spectrum Lease (Carter Hill)	27,600
Sprint Spectrum Lease (Alves Tank)	27,600
Metro PCS (Miramontes Tank)	26,280
Metro PCS (Miramar Tank)	26,280
Verizon (Nunes WTP)	27,120
	<u>134,880</u>

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 4965 Description: ERAF Refund	
Actual Amount As Of: 31-Mar 2014	333,208
PROJECTED ACTIVITY to END of FY:	0
Projected YEAR END TOTAL:	333,208
PROPOSED Line Item Amount:	200,000
Approved Line Item Amount:	
PREVIOUS YEAR BUDGET:	200,000
% Change Actual Year End compared to Proposed Line item amount.	(40.0%)
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

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
2014/2015

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5130 Description: Water Purchased	
Actual Amount As Of: 31-Mar 2014	1,729,919
PROJECTED ACTIVITY to END of FY:	580,000
Projected YEAR END TOTAL:	2,309,919
PROPOSED Line Item Amount:	2,446,253

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	1,776,489
% Change Actual Year End compared to Proposed Line item amount.	5.9%
% Change to Previous Year Budget	37.7%
Dollar difference between proposed budget & current budget	669,764

NARRATIVE:

See worksheet 5130 A

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

- San Francisco Wholesale rates: Cost per hcf \$2.60 (\$2.93 less \$.33)
- BAWSCA Bond Surcharge (\$279,227 Annual)

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

PRODUCTION & PUMPING SCHEDULE FY 2014/2015

	Denniston Surface		Denniston Wells		Pilarcitos Wells		SFWD Pilarcitos-Crystal Springs Pilarcitos CSP				SFWD Total		TOTAL PRODUCTION		SFWD COST
	FY 13/14	FY 14/15	FY 13/14	FY 14/15	FY 13/14	FY 14/15	FY 13/14	FY 14/15	FY 13/14	FY 14/15	FY 13/14	FY 14/15	FY 13/14	FY 14/15	**2.60/hcf
	hcf	hcf	hcf	hcf	hcf	hcf	hcf	hcf	hcf	hcf	hcf	hcf	Actual	Plan	Plan
Jul-12	0	7,133	0	0	0	0	0	42,008	101,083	46,042	101,083	88,050	101,083	95,183	\$228,930
Aug-12	0	0	0	0	0	0	0	63,369	113,048	43,454	113,048	106,823	113,048	106,823	\$277,740
Sep-12	0	0	0	0	0	0	0	36,419	88,289	47,028	88,289	83,447	88,289	83,447	\$216,962
Oct-12	0	0	0	0	0	0	0	48,607	91,872	39,105	91,872	87,712	91,872	87,712	\$228,051
Nov-12	0	8,474	0	0	2,433	2,500	0	61,750	75,094	0	75,094	61,750	77,527	72,724	\$160,550
Dec-12	0	15,421	0	0	1,016	1,500	0	52,839	73,690	0	73,690	52,839	74,706	69,760	\$137,381
Jan-13	615	22,172	0	1,500	0	1,500	0	46,385	76,430	0	76,430	46,385	77,045	71,557	\$120,601
Feb-13	3,013	22,172	0	2,000	6,930	10,000	0	26,253	49,228	0	49,228	26,253	59,171	60,425	\$68,258
Mar-13	11,845	22,025	334	3,525	2,380	13,000	0	25,405	41,778	0	41,778	25,405	56,337	63,955	\$66,053
Apr-13	4,700	22,172	400	3,525	0	0	7,988	58,194	0	0	7,988	58,194	13,088	83,891	\$151,304
May-13	4,700	18,025	400	3,525	0	0	70,000	84,487	0	0	70,000	84,487	75,100	106,037	\$219,666
Jun-13	3,000	9,699	400	3,525	0	0	56,429	80,825	38,754	0	95,183	80,825	98,583	94,049	\$210,145
hcf Totals	27,873	147,293	1,534	17,600	12,759	28,500	134,417	626,541	749,266	175,629	883,683	802,170	925,849	995,563	\$2,085,642
MG Totals	20.85	110.18	1.15	13.16	9.54	21.32	100.54	468.65	560.45	131.37	660.99	600.02	692.54	744.68	

Base Charge **\$81,384**
 SCA Bond Surcharge **\$279,227**
 Grand Tot: **\$2,446,253**

Note: Bold numbers in actual columns are estimates

Expect 57,385 hcf of estimated unmetered water (leaks, plant use, flow tests, etc...) for FY 14/15
 6% unaccountable water

** - The San Francisco Wholesale rate is the total of \$2.93 less the untreated water of \$.33 = \$2.60

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5230 Description: Electrical Exp. Nunes WTP	
Actual Amount As Of: 31-Mar 2014	19,349
PROJECTED ACTIVITY to END of FY:	8,000
Projected YEAR END TOTAL:	27,349
PROPOSED Line Item Amount:	25,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	22,000
% Change Actual Year End compared to Proposed Line item amount.	(8.6%)
% Change to Previous Year Budget	13.6%
Dollar difference between proposed budget & current budget	3,000

NARRATIVE:

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

FY14/15

PG&E \$25,000

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5231 Description: Electrical Expenses, CSP	
Actual Amount As Of: 31-Mar 2014	264,839
PROJECTED ACTIVITY to END of FY:	49,000
Projected YEAR END TOTAL:	313,839
PROPOSED Line Item Amount:	150,910

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	150,910
% Change Actual Year End compared to Proposed Line item amount.	(51.9%)
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

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				\$ 150,910

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5232 Description: Electrical Expenses/Trans. & Dist.	
Actual Amount As Of: 31-Mar 2014	8,701
PROJECTED ACTIVITY to END of FY:	3,000
Projected YEAR END TOTAL:	11,701
PROPOSED Line Item Amount:	13,700

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	14,180
% Change Actual Year End compared to Proposed Line item amount.	17.1%
% Change to Previous Year Budget	(3.4%)
Dollar difference between proposed budget & current budget	-480

NARRATIVE:

	FY 14/15
Granada #1	\$4,000
Granada #2	\$3,550
Granada #3	\$1,575
Alves Pump Station	\$4,375
Miramontes Tank	\$200
TOTAL	\$13,700

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5233 Description: Elec Exp/Pilarcitos Cyn	
Actual Amount As Of: 31-Mar 2014	3,127
PROJECTED ACTIVITY to END of FY:	250
Projected YEAR END TOTAL:	3,377
PROPOSED Line Item Amount:	24,995

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	24,995
<hr/>	
% Change Actual Year End compared to Proposed Line item amount.	640.1%
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

Assumes sufficient rain in October to pump Pilarcitos Wells in November.

Assumes 28,500 units of production, at an energy cost of \$0.79 per unit plus \$1800 base

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
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5234 Description: Electrical Exp., Denn	
Actual Amount As Of: 31-Mar 2014	10,021
PROJECTED ACTIVITY to END of FY:	6,000
Projected YEAR END TOTAL:	16,021
PROPOSED Line Item Amount:	120,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	139,500
% Change Actual Year End compared to Proposed Line item amount.	649.0%
% Change to Previous Year Budget	(14.0%)
Dollar difference between proposed budget & current budget	-19,500

NARRATIVE:

FY 14/15

Denn Pump Station	\$86,400
Denn Well #1	\$3,000
Denn Well #2,3,4	\$2,000
Denn Well #5	\$600
Denn Well #9	\$10,500
Denn WTP	\$13,500
WWR System	\$4,000
TOTAL	<u><u>\$120,000</u></u>

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5235 Description: Denn. WTP Oper.	
Actual Amount As Of: 31-Mar 2014	7,852
PROJECTED ACTIVITY to END of FY:	2,000
Projected YEAR END TOTAL:	9,852
PROPOSED Line Item Amount:	27,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	27,000
% Change Actual Year End compared to Proposed Line item amount.	174.1%
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

Assume production of 125 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
		<u>Total</u>	<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
2014/2015

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5236 Description: Denn WTP Maint	
Actual Amount As Of: 31-Mar 2014	32,970
PROJECTED ACTIVITY to END of FY:	10,000
Projected YEAR END TOTAL:	42,970

PROPOSED Line Item Amount:	52,500
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	38,000
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% Change Actual Year End compared to Proposed Line item amount.	22.2%
-----------------------------------------------------------------	-------

% Change to Previous Year Budget	38.2%
----------------------------------	-------

Dollar difference between proposed budget & current budget	14,500
------------------------------------------------------------	--------

NARRATIVE:

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

	FY 14/15
Misc. Expenses / Office Supplies	\$ 1,000
Telemetry	\$ 3,000
Misc. Plumbing & Parts	\$ 4,000
Sludge Removal	\$ 6,000
Annual PM	\$ 3,000
Inst. Controls	\$ 20,000
Office Lab	\$ 4,500
CCTV	\$ 8,000
Eyewsh Shower	\$ 3,000
TOTAL	\$ 52,500

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2014/2015

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5240 Description: Nunes WTP Oper	
Actual Amount As Of: 31-Mar 2014	42,851
PROJECTED ACTIVITY to END of FY:	10,000
Projected YEAR END TOTAL:	52,851
PROPOSED Line Item Amount:	40,450

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	75,330
% Change Actual Year End compared to Proposed Line item amount.	(23.5%)
% Change to Previous Year Budget	(46.3%)
Dollar difference between proposed budget & current budget	-34,880

NARRATIVE:

Chemical costs = \$125/MG.
Expect to treat 590 MG.

Telephone/DSL	\$2,000	Chemicals	
Alarm System	\$1,000	Caustic	\$15,500
Sub total	\$3,000	Polymer	\$1,500
		Alum	\$16,450
		Salt	\$4,000
		Sub Total	\$37,450
		TOTAL	\$40,450

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5241 Description: Nunes WTP Maint	
Actual Amount As Of: 31-Mar 2014	27,635
PROJECTED ACTIVITY to END of FY:	13,500
Projected YEAR END TOTAL:	41,135
PROPOSED Line Item Amount:	51,500

Approved Line Item Amount:

PREVIOUS YEAR BUDGET: **45,000**

% Change Actual Year End compared to Proposed Line item amount. **25.2%**

% Change to Previous Year Budget **14.4%**

Dollar difference between proposed budget & current budget **6,500**

NARRATIVE:

No change in maintenance costs expected.

Increase in Misc. Expenses to include misc. office expenses.
FY 14/15

Generator Service Contract	\$1,000
Sludge Removal	\$6,000
Electrical	\$5,000
Instrumentation/Controls	\$9,500
Motor & Pump Replacement	\$9,000
Filter Inspection	\$4,000
Backwash Pump Service	\$5,000
Annual Electrical PM	\$5,000
Misc. Expenses / Office Supplies	\$7,000
	\$51,500

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5242 Description: CSP - Operation	
Actual Amount As Of: 31-Mar 2014	7,162
PROJECTED ACTIVITY to END of FY:	2,500
Projected YEAR END TOTAL:	9,662
PROPOSED Line Item Amount:	8,500

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	8,500
% Change Actual Year End compared to Proposed Line item amount.	(12.0%)
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

FY 14/15

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
2014/2015

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5243 Description: CSP - Maintenance	
Actual Amount As Of: 31-Mar 2014	2,410
PROJECTED ACTIVITY to END of FY:	30,000
Projected YEAR END TOTAL:	32,410
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.	23.4%
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

	FY 14/15
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
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5250 Description: Laboratory Expenses	
Actual Amount As Of: 31-Mar 2014	29,754
PROJECTED ACTIVITY to END of FY:	12,500
Projected YEAR END TOTAL:	42,254
PROPOSED Line Item Amount:	40,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	50,000
% Change Actual Year End compared to Proposed Line item amount.	(5.3%)
% Change to Previous Year Budget	(20.0%)
Dollar difference between proposed budget & current budget	-10,000

NARRATIVE:

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

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5318 Description: Studies/Surveys/Consulting	
Actual Amount As Of: 31-Mar 2014	10,800
PROJECTED ACTIVITY to END of FY:	35,000
Projected YEAR END TOTAL:	45,800

PROPOSED Line Item Amount:	\$240,000
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	75,000
% Change Actual Year End compared to Proposed Line item amount.	424.0%
% Change to Previous Year Budget	220.0%
Dollar difference between proposed budget & current budget	165,000

Narrative: Increase due to Drought Contingency Planning

Drought Contingency Analysis	\$75,000.00
Water Audit (M36)	\$70,000.00
Misc. Studies/Surveys	\$10,000.00
Urban Water Management Plan	\$85,000.00
	\$240,000.00

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5321 Description: Water Conservation	
Actual Amount As Of: 31-Mar 2014	21,629
PROJECTED ACTIVITY to END of FY:	20,000
Projected YEAR END TOTAL:	41,629
PROPOSED Line Item Amount:	39,000
Approved Line Item Amount:	
PREVIOUS YEAR BUDGET:	58,000
% Change Actual Year End compared to Proposed Line item amount.	(6.3%)
% Change to Previous Year Budget	(32.8%)
Dollar difference between proposed budget & current budget	-19,000

NARRATIVE:

|

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

Budget Worksheet	
DRAFT FOR STAFF DISCUSSION ONLY	
Fiscal Year 2014-2015	FY 2015
Worksheet 5321 – Water Resources	5321
Description	
Water Use Efficiency (Conservation)	
Foundational Best Management Practices	
1.0 Utility Operations Programs	
Subtotal	\$0
2.0 Education Programs	
2.1 Public Information Programs (Outreach Program)	\$10,000
Subtotal	\$10,000
2.2 School Education Programs	\$5,000
Subtotal	\$5,000
Programmatic Best Management Practices	
3.0 Residential	
3.1 High Efficiency Fixture Devices (Q=900)	\$3,000
Subtotal	\$3,000
3.2 High Efficiency Toilet Rebates (Q=100 plus admin fees)	\$5,000
Subtotal	\$5,000
3.3 High Efficiency Clothes Washer Rebates (Q=200 plus admin fees)	\$5,000
Subtotal	\$5,000
4.0 Commercial, Industrial and Institutional	
Subtotal	\$0
5.0 Landscape (Large)	
Subtotal	\$0
Flex Track Best Management Practices	
Lawn Replacement	
LAWN BE GONE	\$0
Subtotal	\$0
GPCD Compliance (CUWCC/SBx7)	
Subtotal	\$0
Water Resources	
Pilarcitos IWMP	\$11,000
Subtotal	\$11,000
Total	\$39,000

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5322 Description: Community Outreach	
Actual Amount As Of: 31-Mar 2014	8,289
PROJECTED ACTIVITY to END of FY:	15,000
Projected YEAR END TOTAL:	23,289
PROPOSED Line Item Amount:	41,700

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	31,700
% Change Actual Year End compared to Proposed Line item amount.	79.1%
% Change to Previous Year Budget	31.5%
Dollar difference between proposed budget & current budget	10,000

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..)	\$20,000
Constant Contact/Email	\$500
Graphic Artist	\$2,500

Spread: TOTAL **41,700**

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5411 Description: Salaries - Field	
Actual Amount As Of: 31-Mar 2014	736,788
PROJECTED ACTIVITY to END of FY:	245,000
Projected YEAR END TOTAL:	981,788
PROPOSED Line Item Amount:	1,053,066

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	946,432
% Change Actual Year End compared to Proposed Line item amount.	7.3%
% Change to Previous Year Budget	11.3%
Dollar difference between proposed budget & current budget	106,634

NARRATIVE:

A COLA of 2.45% was used as a place holder based upon the Department of Labor Statistics information for February to February 2014
Increase due to addition of Treatment/Distribution Operator

Spread:

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

COASTSIDE COUNTY WATER DISTRICT
 6/5/2014
FY 2014/2015 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	61.66	63.17	131,400			10,800	142,200
Field Supervisor	49.38	50.58	105,216	80	6,070	7,200	118,486
WTP Supervisor	51.88	53.15	110,544	120	9,566	7,200	127,310
Sr. WTP Oper.	38.58	39.52	82,202	120	7,114	6,000	95,315
Treat/Dist Op	31.65	32.43	67,445	120	5,837	4,800	78,081
Treat/Dist Op	28.68	29.38	61,105	120	5,288	4,800	71,193
Treat/Dist Op	30.89	31.64	61,787	120	5,696	6,000	70,151
Treat/Dist Op	34.09	34.92	72,639	120	6,286	7,200	86,125
Treat/Dist Op	30.89	31.64	65,820	120	5,696	4,800	76,316
Treat/Dist Op	27.98	28.66	59,614	120	5,159	4,800	69,572
Maint Worker	28.71	29.42	61,185	80	3,530	3,600	68,315
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			928,957		60,241	67,200	1,053,066
ADMIN #5610							
Gen Manager	94.25	96.56	200,843			6,000	206,843
Asst. General Manager of Finance/Admin		72.11	112,492				112,492
Water Conser.	37.54	38.46	79,991	50	2,884	1,200	84,075
Prj Coord. PT	60.00		15,000				15,000
Office Mgr	41.51	42.53	88,461	50	3,190		91,651
Admin Assist.	37.63	38.55	80,177	50	2,891	6,946	90,014
Office Speclst	28.71	29.42	61,185		-		61,185
Office Speclst	26.66	27.32	56,817		-		56,817
Office Speclst	28.71	29.42	61,185		-		61,185
Part-Time Help	15.00		15,000				15,000
Directors			15,000				15,000
Sub total, Admin			786,151		8,965	14,146	\$809,262
TOTAL			1,715,108				\$1,862,329

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5412 Description: Maintenance Expenses	
Actual Amount As Of: 31-Mar 2014	143,348
PROJECTED ACTIVITY to END of FY:	60,000
Projected YEAR END TOTAL:	203,348
PROPOSED Line Item Amount:	211,500

Approved Line Item Amount:

PREVIOUS YEAR BUDGET: 168,500

% Change Actual Year End compared to Proposed Line item amount. 4.0%

% Change to Previous Year Budget 25.5%

Dollar difference between proposed budget & current budget 43,000

NARRATIVE:

Laundry	\$1,000	Tree Removal	\$20,000
Supplies Shop/Breakroom	\$1,000	Paving	\$34,000
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	\$5,000	Landscape Maint	\$2,500
Hydrant repair	\$1,500	Main Repairs/Sml Line Replacmnt	\$30,000
Tank Maintenance	\$5,000	Cathodic Protection	\$8,000
Generator services	\$4,500	Misc. tools, etc.	\$7,500
Safety Supplies	\$3,500	(Welder, Drill, Airtools, Sump Pump, Lrg tools)	
DMV/Pre-employment Physical	\$1,000	Waste Services	\$3,000
Alves Alt Valve	\$9,000	Fence Repairs	\$2,000
Alves Vault Valves	\$4,500	Raising Valve (City/County)	\$20,000
TOTAL	\$211,500	Building Maintenance	\$10,000

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5414	Description: Motor Vehicle Exp.
Actual Amount As Of:	31-Mar 2014	36,232
PROJECTED ACTIVITY to END of FY:		15,000
Projected YEAR END TOTAL:		51,232

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

PREVIOUS YEAR BUDGET:	50,650
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% Change Actual Year End compared to Proposed Line item amount.	(1.1%)
-----------------------------------------------------------------	---------------

% Change to Previous Year Budget	0.0%
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Dollar difference between proposed budget & current budget	0
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NARRATIVE:

	<u>FY14/15</u>
Gasoline	\$31,000.00
FastTrak	\$150.00
Mobile Phones	\$7,500.00
Service & Repairs	\$12,000.00
	<u>\$50,650.00</u>

Total

Jul Aug Sept Oct Nov Dec

Jan Feb Mar Apr May Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5415 Description: Maintenance, Wells	
Actual Amount As Of: 31-Mar 2014	0
PROJECTED ACTIVITY to END of FY:	10,000
Projected YEAR END TOTAL:	10,000
PROPOSED Line Item Amount:	10,000

Approved Line Item Amount:

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

NARRATIVE:

FY 14/15 amounts same from past year due to not being able to rehabilitate wells and complete upgrades

	<u>FY 14/15</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
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5610 Description: Salaries, Admin.	
Actual Amount As Of: 31-Mar 2014	498,318
PROJECTED ACTIVITY to END of FY:	165,000
Projected YEAR END TOTAL:	663,318

PROPOSED Line Item Amount:	809,262
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	679,133
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% Change Actual Year End compared to Proposed Line item amount.	22.0%
-----------------------------------------------------------------	-------

% Change to Previous Year Budget	19.2%
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Dollar difference between proposed budget & current budget	130,129
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NARRATIVE:

- A COLA of 2.45% was used as a place holder based upon the Department of Labor Statistics information for February to February 2014
 - Increase also due to additon of position of Asst General Manager of Finance/Administration (Assumes salary for 9 months of FY 14/15)
- (See Spreadsheet of Account #5411A for Admin and Board of Directors Salaries)*

Spread:

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

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5620 Description: Office Expenses	
Actual Amount As Of: 31-Mar 2014	106,886
PROJECTED ACTIVITY to END of FY:	35,000
Projected YEAR END TOTAL:	141,886
PROPOSED Line Item Amount:	157,825

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	142,625
% Change Actual Year End compared to Proposed Line item amount.	11.2%
% Change to Previous Year Budget	10.7%
Dollar difference between proposed budget & current budget	15,200

NARRATIVE:

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

Increase due to:

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	\$ 6,000
	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	\$ 9,000
File Storage	Iron Mountain - Offsite Storage	\$ 6,000
	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 Stmnts	\$ 25,000
	NetBill (Online Payments)	\$ 6,500
Emergency	Supplies	\$ 1,000
	AED Certification	\$ 125
Miscellaneous	Office Supplies	\$ 7,000
	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	\$ 6,000
Maintenance	Office Equipment/Repairs	\$ 5,000
	Office Building	\$ 15,000
Payroll	Payroll Processing with ADP	\$ 8,500
TOTAL		\$ 157,825

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

Fiscal Year
2014/2015

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5621 Description: Computer Services	
Actual Amount As Of: 31-Mar 2014	34,899
PROJECTED ACTIVITY to END of FY:	55,000
Projected YEAR END TOTAL:	89,899
PROPOSED Line Item Amount:	91,800

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	79,860
% Change Actual Year End compared to Proposed Line item amount.	2.1%
% Change to previous year budget:	15.0%
Dollar difference between proposed budget & current budget	11,940
Increase in Springbrook Maintenance & Website Maintenance and addition of Comcast Internet	
NARRATIVE:	

Maintenance Agreements

Springbrook	\$14,000
Radix	\$3,000
Irvine Consulting Svcs	\$24,000
Badger	\$1,500
XC2 Software	\$2,600
Remit Plus/Ck Scanner)	\$2,000
GIS License	\$5,000
Web Filtering (Barracuda)	\$1,400
Sprbrk Server License	\$700
Subtotal	\$54,200

Computer Services

New/Upgrades to software/Cust Rpts	\$7,500
Service/Repairs/Parts	\$15,000
Coastside Net	\$1,000
Rogue Web Works (Website Maint.)	\$7,500
Sonic.net	\$1,500
Spam Filtering	\$900
Comcast Internet	\$1,700
CalCAD Annual Application Maint.	\$2,500
Subtotal	\$37,600
Grand Total	\$91,800

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5625 Description: Meetings/Training/Seminars	
Actual Amount As Of: 31-Mar 2014	16,129
PROJECTED ACTIVITY to END of FY:	5,000
Projected YEAR END TOTAL:	21,129
PROPOSED Line Item Amount:	23,000
Approved Line Item Amount:	
PREVIOUS YEAR BUDGET:	20,000
% Change Actual Year End compared to Proposed Line item amount.	8.9%
% Change to Previous Year Budget	15.0%
Dollar difference between proposed budget & current budget	3,000

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
Water Resource Meetings, Training, Seminars	\$ 3,000
TOTAL	\$ 23,000

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>		<u>Amount</u>
Acct. No.	5630	Description: Insurance
Actual Amount As Of:	31-Mar 2014	70,131
PROJECTED ACTIVITY to END of FY:		20,000
Projected YEAR END TOTAL:		90,131

PROPOSED Line Item Amount: 115,000

Approved Line Item Amount:

PREVIOUS YEAR BUDGET: **115,000**

% Change Actual Year End compared to Proposed Line item amount. **27.6%**

% Change to Previous Year Budget **0.0%**

Dollar difference between proposed budget & current budget **0**

NARRATIVE:

	FY 14/15
Auto/General Liability	\$55,000
Property Program	\$20,000
Workers Compensation	\$40,000

TOTAL
\$115,000

Spread:

Jul Aug Sep Oct Nov Dec

Jan Feb Mar Apr May Jun

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5635 Description: Ee/Ret Medical Insurance	
Actual Amount As Of: 31-Mar 2014	287,532
PROJECTED ACTIVITY to END of FY:	120,000
Projected YEAR END TOTAL:	407,532
PROPOSED Line Item Amount:	482,296

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	410,077
% Change Actual Year End compared to Proposed Line item amount.	18.3%
% Change to Previous Year Budget	17.6%
Dollar difference between proposed budget & current budget	72,219

NARRATIVE: Employee and Retiree Medical Insurance

Active Employees:

FY 14/15
Medical 354,720
Dental 17,136
Vision 4,651
Life/AD&D 10,800
LTD 17,503
EAP 575
405,386 Subtotal

Retirees:

Medical 57,606
Dental 0
Vision 1,305
58,910 Subtotal

18,000 Additional for New Asst to General Manger of Finance/Admin
(assumes 9 months of FY 14/15)

482,296 Total

Spread:

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

ACCOUNT No. 5635 / Insurance Benefits for Active Employees and Retirees - Current Year 2013/14

ACTIVE EMPLOYEES

	Kaiser	Blue Cross	Dental	Vision	Life/AD&D	LTD	EAP	
July-13	8,487	14,199	1,396	343	613	1,331	60	
August-13	8,487	14,199	1,396	343	613	1,331	60	
September-13	8,487	14,199	1,396	343	621	1,331	60	
October-13	8,661	14,199	1,396	343	669	1,331	60	
November-13	8,661	14,199	1,396	343	669	1,331	60	
December-13	9,433	15,188	1,396	362	753	2,023	44	
January-14	9,433	15,188	1,396	362	714	1,430	44	
February-14	9,433	15,188	1,396	362	731	1,430	44	
March-14	9,433	15,188	1,396	362	714	1,430	44	
April-14	10,000	17,000	1,400	380	750	1,430	47	
May-14	10,000	17,000	1,400	380	750	1,430	47	
June-14	10,000	17,000	1,400	380	750	1,430	47	
	110,515	182,747	16,760	4,306	8,345	17,261	618	Subtotal of column
	120,000	204,000	16,800	4,560	9,000	17,160	564	Subtotal (June Rate x 12/mo)
	12%	8%	2%	2%	20%	2%	2%	% Increase
	134,400	220,320	17,136	4,651	10,800	17,503	575	TOTAL
	354,720							

RETIREES

	Kaiser	Blue Cross	Dental	Vision	
July-13	1,558	5,128	406	121	
August-13	1,558	5,128	334	81	
September-13	1,558	5,128	370	101	
October-13	1,558	5,128	370	101	
November-13	1,558	5,128	370	101	
December-13	1,663	5,455	370	107	
January-14	1,663	4,936	334	107	
February-14	1,663	4,936	334	107	
March-14	1,663	4,936	334	107	
April-14	1,663	4,936	334	107	
May-14	1,663	4,936	334	107	
June-14	1,663	4,936	334	107	
		(26,586)	(4,007)		Reimbursement from Retirees
	19,431	34,124	216	1,251	Subtotal
	19,956	32,643	(0)	1,279	Subtotal (June Rate x 12/mo - less Reimbursement)
	12%	8%	2%	2%	% Increase
	22,351	35,255	(0)	1,305	TOTAL
	57,606				

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5640 Description: Employee Retirement	
Actual Amount As Of: 31-Mar 2014	351,784
PROJECTED ACTIVITY to END of FY:	80,000
Projected YEAR END TOTAL:	431,784
PROPOSED Line Item Amount:	523,889

Approved Line Item Amount:

PREVIOUS YEAR BUDGET: **480,142**

% Change Actual Year End compared to Proposed Line item amount. **21.3%**

% Change to Previous Year Budget **9.1%**

Dollar difference between proposed budget & current budget **43,747**

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 25.409% (FY 13/14) to 26.601% (FY 14/15) Employer Paid Member Contribution 8% (Ee paid 2% - Er paid 6%)
2% @ 60 Employer Rate decreased from 8.768% (FY 13/14) to 8.715% (FY 14/15) Employer Paid Member Contribution 7% (Ee paid 2% - Er paid 5%)
2% @ 62 - Effective January 1, 2013 (PERS Pension Reform Act 2013) Employer Rate 6.7% / Employee Rate 6.5% No Employer Paid Member Contribution

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5645 Description: SIP 401a Plan	
Actual Amount As Of: 31-Mar 2014	0
PROJECTED ACTIVITY to END of FY:	30,000
Projected YEAR END TOTAL:	30,000
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.	0.0%
% 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
2014/2015

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5681 Description:	Legal
Actual Amount As Of: 31-Mar 2014	32,935
PROJECTED ACTIVITY to END of FY:	10,000
Projected YEAR END TOTAL:	42,935
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. **39.7%**

% 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 **\$60,000**

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5682 Description: Engineering	
Actual Amount As Of: 31-Mar 2013	4,036
PROJECTED ACTIVITY to END of FY:	2,000
Projected YEAR END TOTAL:	6,036
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.	131.9%
% 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
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5683 Description: Financial Services	
Actual Amount As Of: 31-Mar 2014	16,648
PROJECTED ACTIVITY to END of FY:	5,500
Projected YEAR END TOTAL:	22,148

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

PREVIOUS YEAR BUDGET:	24,000
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% Change Actual Year End compared to Proposed Line item amount.	8.4%
% Change to Previous Year Budget	0.0%
Dollar difference between proposed budget & current budget	0

NARRATIVE:

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

	FY 14/15
Financial Audit Service	\$16,000
Accounting Services	\$8,000
Total	\$24,000

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5684 Description: Payroll Taxes	
Actual Amount As Of: 31-Mar 2014	87,443
PROJECTED ACTIVITY to END of FY:	30,000
Projected YEAR END TOTAL:	117,443
PROPOSED Line Item Amount:	134,604

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	116,590
% Change Actual Year End compared to Proposed Line item amount.	14.6%
% Change to Previous Year Budget	15.5%
Dollar difference between proposed budget & current budget	18,014

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
2014/2015**

Line Item

Amount

Acct. No. **5684**

Description: Payroll Taxes

CALCULATION FOR PAYROLL TAXES

		SOCIAL SECURITY 6.20%	MEDICARE 1.45%	TOTAL
TOTAL PAYROLL	\$ 1,862,329			
AMOUNT SUBJECT TO SOCIAL SECURITY	\$ 1,735,489	\$ 107,600		\$ 107,600
AMOUNT SUBJECT TO MEDICARE	\$ 1,862,329		\$ 27,004	\$ 27,004
TOTAL				\$ 134,604

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5687 Description: Memberships & Subscriptions	
Actual Amount As Of: 31-Mar 2014	40,069
PROJECTED ACTIVITY to END of FY:	15,000
Projected YEAR END TOTAL:	55,069
PROPOSED Line Item Amount:	63,074
Approved Line Item Amount:	
PREVIOUS YEAR BUDGET:	68,210
% Change Actual Year End compared to Proposed Line item amount.	14.5%
% Change to Previous Year Budget	(7.5%)
Dollar difference between proposed budget & current budget	-5,136

NARRATIVE: See attached worksheet for detail of costs

Spread:

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

Worksheet 5687A			
		Budget Detail Worksheet	
Line Item: Memberships & Subscriptions			Description
Acct. No. 5687		Amount	
Alliance for Water Efficiency	\$ 375	Annual Membership	
ACWA	\$ 12,000	Membership dues	
ACWA	\$ 10,000	Delta Sustainability Dues	
AWWA	\$ 2,000	Membership dues and technical publications	
BAWSCA	\$ 22,289	Annual assessment & dues	
California Emergency Utilities	\$ 500	Annual Membership	
California Urban Water Conservation Council	\$ 2,600	Annual Membership	
Chamber of Commerce	\$ 600	Membership dues	
CSDA	\$ 5,000	Membership dues	
Half Moon Bay Review	\$ 60	Annual Subscription	
IAMPO	\$ 100	Subscription for Backflow Prevention Magazine	
Miscellaneous	\$ 1,000	Miscellaneous Dues/Memberships/Subscriptions	
Springbrook Users Group	\$ 100	Annual Users Group for Springbrook Software	
Water Education Foundation	\$ 1,500	Membership dues and technical publications	
Water Net	\$ 250	Publication & Membership	
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	\$ 63,074		

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5688 Description: Election Expense	
Actual Amount As Of: 31-Mar 2014	21,677
PROJECTED ACTIVITY to END of FY:	0
Projected YEAR END TOTAL:	21,677

PROPOSED Line Item Amount:	0
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	25,000
% Change Actual Year End compared to Proposed Line item amount.	(100.0%)
% Change to Previous Year Budget	
Dollar difference between proposed budget & current budget	-25,000

NARRATIVE:

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5689 Description: Union Expenses	
Actual Amount As Of: 31-Mar 2014	0
PROJECTED ACTIVITY to END of FY:	0
Projected YEAR END TOTAL:	0

PROPOSED Line Item Amount:	6,000
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	6,000
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% Change Actual Year End compared to Proposed Line item amount.

% Change to Previous Year Budget	0.0%
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Dollar difference between proposed budget & current budget	0
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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
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5700 Description: County Fees	
Actual Amount As Of: 31-Mar 2014	10,343
PROJECTED ACTIVITY to END of FY:	4,000
Projected YEAR END TOTAL:	14,343
PROPOSED Line Item Amount:	17,700

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	16,700
% Change Actual Year End compared to Proposed Line item amount.	23.4%
% Change to Previous Year Budget	6.0%
Dollar difference between proposed budget & current budget	1,000

NARRATIVE:

1. The cost of the LAFCo budget, estimated	\$5,000.00
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
	\$17,700.00

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5705 Description: State Fees	
Actual Amount As Of: 31-Mar 2014	16,907
PROJECTED ACTIVITY to END of FY:	1,000
Projected YEAR END TOTAL:	17,907

PROPOSED Line Item Amount:	16,000
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	14,000
% Change Actual Year End compared to Proposed Line item amount.	(10.6%)
% Change to Previous Year Budget	14.3%
Dollar difference between proposed budget & current budget	2,000

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	\$12,000
#2	\$1,000
#3	\$2,000
#4	\$1,000
	\$16,000

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5711 Description: Existing Bonds - 1998A	
Actual Amount As Of: 31-Mar 2014	266,889
PROJECTED ACTIVITY to END of FY:	0
Projected YEAR END TOTAL:	266,889

PROPOSED Line Item Amount:	0
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Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	266,890
% Change Actual Year End compared to Proposed Line item amount.	(100.0%)
% Change to Previous Year Budget	(100.0%)
Dollar difference between proposed budget & current budget	-266,890

NARRATIVE:

ABAG Pooled Financing Program Series 1998A
This Bond was paid off as of October 2013

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5712 Description: Existing Bonds - 2006B	
Actual Amount As Of: 31-Mar 2014	484,763
PROJECTED ACTIVITY to END of FY:	0
Projected YEAR END TOTAL:	484,763
PROPOSED Line Item Amount:	485,889

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	483,859
% Change Actual Year End compared to Proposed Line item amount.	0.2%
% Change to Previous Year Budget	0.4%
Dollar difference between proposed budget & current budget	2,030

NARRATIVE:

CSCDA Pooled Financing Program Series 2006B

September 2014 Payment	\$349,992
March 2015 Payment	\$135,897
	\$485,889

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5713 Description: Cont. to CIP & Reserves	
Actual Amount As Of: 31-Mar 2014	1,433,464
PROJECTED ACTIVITY to END of FY:	477,821
Projected YEAR END TOTAL:	1,911,285
PROPOSED Line Item Amount:	1,831,324

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	849,401
% Change Actual Year End compared to Proposed Line item amount.	(4.2%)
% Change to Previous Year Budget	115.6%
Dollar difference between proposed budget & current budget	981,923

NARRATIVE:

Contribution to CIP & Reserves	<u>\$ 1,831,324</u>
	\$ 1,831,324

Spread:

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

COASTSIDE COUNTY WATER DISTRICT

Budget Worksheet

**Fiscal Year
2014/2015**

<u>Line Item</u>	<u>Amount</u>
Acct. No. 5715 Description: Existing Bond-CIEDB 11-099	
Actual Amount As Of: 31-Mar 2014	353,143
PROJECTED ACTIVITY to END of FY:	0
Projected YEAR END TOTAL:	353,143
PROPOSED Line Item Amount:	338,024

Approved Line Item Amount:

PREVIOUS YEAR BUDGET:	353,143
% Change Actual Year End compared to Proposed Line item amount.	(4.3%)
% Change to Previous Year Budget	(4.3%)
Dollar difference between proposed budget & current budget	-15,119

NARRATIVE:

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

July 2014 Payment	\$257,971
January 2015 Payment	\$80,053
	\$338,024

Spread:

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

Attachment C

Fiscal Year 2014-15 to 2023-24

Capital Improvement Program

CIP Projects FY14/15 to FY23/24

NO.	PROJECT NAME	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	FY 23/24	CIP Total
Equipment Purchase & Replacement												
06-03	SCADA/Telemetry/Electrical Controls Replacement	150,000	150,000	150,000	150,000							600,000
08-10	Backhoe							80,000				80,000
08-12	New Service Truck			150,000								150,000
15-04	Vactor Trailer		100,000									100,000
99-02	Vehicle Replacement	30,000	30,000	30,000	30,000	30,000						150,000
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
7	Equipment Purchase & Replacement Totals	188,000	288,000	338,000	188,000	38,000	88,000	8,000	8,000	8,000	8,000	1,160,000
Facilities & Maintenance												
08-08	PRV Valves Replacement Project	30,000	30,000	30,000	30,000	30,000	30,000					180,000
09-07	Advanced Metering Infrastructure				1,500,000	1,500,000						3,000,000
09-09	Fire Hydrant Replacement	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		180,000
09-23	District Digital Mapping	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000		225,000
14-11	Replace 2" and Larger Meters with Omni Meters	30,000	30,000									60,000
14-13	New Security Fence at Pilarcitos Well Field	20,000										20,000
14-14	Pilarcitos Canyon Road Improvements	70,000										70,000
15-01	Utility Billing Software Upgrade	200,000										200,000
15-02	Administration Building Fire Repair and Remodeling Project	300,000										300,000
15-03	District Administration/Operations Center	25,000								3,000,000		3,025,000
15-05	Administration Building Phone System	30,000										30,000
99-01	Meter Change Program	10,000	10,000	10,000	10,000	10,000	20,000	20,000	20,000	20,000	20,000	150,000
12	Facilities & Maintenance Totals	760,000	115,000	85,000	1,585,000	1,585,000	95,000	65,000	65,000	65,000	3,020,000	7,440,000
Pipeline Projects												
06-01	Avenue Cabrillo Phase 2 & 3 Pipeline Replacement Project	300,000		300,000								600,000
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 Bridge Pipeline Replacement Project	250,000				500,000						750,000
12-02	Wave Valve Automation			50,000								50,000
13-01	Miramar Drive Pipeline Connection	80,000										80,000
13-02	Replace 8 Inch Pipeline Under Creek at Pilarcitos Ave.	200,000										200,000

NO.	PROJECT NAME	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	FY 23/24	CIP Total
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
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
NN-00	Pipeline Replacement										1,500,000	1,500,000
18	Pipeline Projects Totals	905,000	175,000	850,000	1,590,000	1,315,000	2,385,000	2,000,000	2,000,000	2,000,000	1,500,000	14,720,000
Pump Stations/Tanks/Wells												
06-04	Hazen's Tank Replacement	500,000										500,000
08-14	AlvesTank Recoating, Interior + Exterior	400,000										400,000
08-16	Cahill Tank Exterior Recoat		150,000									150,000
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
11-05	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
13-08	Crystal Springs Spare 350 HP Pump & Motor				50,000							50,000
13-11	EG Tank #1 & Tank #2 Emergency Generators		75,000	200,000								275,000
14-18	Crystal Springs Pump Station Spare 12 Inch Check Valve	25,000										25,000
11	Pump Stations/Tanks/Wells Totals	1,185,000	225,000	200,000	400,000	100,000	200,000					2,310,000
Water Supply Development												
10-02	Bridgeport Drive Pipeline Replacement Project		110,000	840,000								950,000
12-04	Denniston Treated Water Booster Station		200,000	800,000								1,000,000
12-12	San Vicente Diversion and Pipeline		300,000	1,000,000	1,000,000							2,300,000
13-04	Denniston Reservoir Restoration			1,000,000								1,000,000
14-24	Denniston/San Vicente EIR & Permitting	50,000	50,000									100,000
14-25	Water Shortage Plan Development	50,000	100,000									150,000
6	Water Supply Development Totals	100,000	760,000	3,640,000	1,000,000							5,500,000
Water Treatment Plants												
08-07	Nunes Filter Valve Replacement					30,000	30,000	30,000	30,000	30,000		150,000
13-05	Denniston WTP Emergency Power					500,000						500,000

NO.	PROJECT NAME	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	FY 23/24	CIP Total
14-02	Nunes - Replace Sludge Pond Media	25,000										25,000
14-06	Nunes - New 1720E Turbidimeters (4)	35,000										35,000
99-05	Denniston Maintenance Dredging	35,000	35,000	35,000	35,000	35,000	35,000	35,000	3,500	35,000		283,500
5	Water Treatment Plants Totals	95,000	35,000	35,000	35,000	565,000	65,000	65,000	33,500	65,000		993,500
Grand Total		3,233,000	1,598,000	5,148,000	4,798,000	3,603,000	2,833,000	2,138,000	2,106,500	2,138,000	4,528,000	32,123,500

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CIP Budget Comparison to Previous Year

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	FY 23/24	Current CIP Total	Previous CIP
Equipment Purchase & Replacement														
06-03	SCADA/Telemetry/Electrical Controls Replacement												600,000	750,000
	FY 13/14	250,000	150,000	150,000	150,000	150,000								
08-10	Backhoe								80,000				80,000	80,000
	FY 13/14								80,000					
08-12	New Service Truck												150,000	150,000
	FY 13/14					150,000	150,000							
15-04	Vactor Trailer												100,000	0
	FY 13/14					100,000								
99-02	Vehicle Replacement												150,000	120,000
	FY 13/14		30,000	30,000	30,000	30,000	30,000	30,000	30,000					
99-03	Computer Systems												50,000	50,000
	FY 13/14	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000		
99-04	Office Equipment/Furniture												30,000	30,000
	FY 13/14	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000		
													1,160,000	1,180,000
Facilities & Maintenance														
08-08	PRV Valves Replacement Project												180,000	210,000
	FY 13/14	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000					
09-07	Advanced Metering Infrastructure												3,000,000	1,275,000
	FY 13/14		25,000	50,000	400,000	1,500,000	1,500,000	400,000	400,000					
09-09	Fire Hydrant Replacement												180,000	200,000
	FY 13/14	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		
09-23	District Digital Mapping												225,000	275,000
	FY 13/14	50,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000		
14-11	Replace 2" and Larger Meters with Omni Meters												60,000	90,000
	FY 13/14	30,000	30,000	30,000										
14-12	Harbor District Vault & Meter Replacement Complete												0	70,000
	FY 13/14	70,000												
14-13	New Security Fence at Pilarcitos Well Field												20,000	20,000
	FY 13/14		20,000	20,000										
14-14	Pilarcitos Canyon Road Improvements												70,000	20,000
	FY 13/14		70,000	20,000										
14-15	Replace Administration Building Roof Deleted												0	30,000
	FY 13/14	30,000												

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	FY 23/24	Current CIP Total	Previous CIP
15-01	Utility Billing Software Upgrade FY 13/14		200,000										200,000	0
15-02	Administration Building Fire Repair and Remodeling Project FY 13/14		300,000										300,000	0
15-03	District Administration/Operations Center FY 13/14		25,000									3,000,000	3,025,000	0
15-05	Administration Building Phone System FY 13/14		30,000										30,000	0
99-01	Meter Change Program FY 13/14	20,000	10,000 20,000	10,000 20,000	10,000 20,000	10,000 20,000	10,000 20,000	20,000 20,000	20,000 20,000	20,000 20,000	20,000 20,000	20,000	150,000	200,000
													7,440,000	2,390,000
Pipeline Projects														
06-01	Avenue Cabrillo Phase 2 & 3 Pipeline Replacement Project FY 13/14	246,000	300,000 479,000		300,000								600,000	725,000
06-02	Highway 1 South Pipeline Replacement Project FY 13/14					80,000 80,000	100,000 100,000	1,200,000 1,200,000					1,380,000	1,380,000
07-03	Pilarcitos Canyon Pipeline Replacement FY 13/14		75,000 75,000	75,000 75,000		1,000,000 1,000,000							1,150,000	1,150,000
07-04	Bell Moon Pipeline Replacement Project FY 13/14					60,000 60,000	250,000 250,000						310,000	310,000
10-01	Main Street Bridge Pipeline Replacement Project FY 13/14		250,000 90,000	250,000			500,000						750,000	340,000
12-02	Wave Valve Automation FY 13/14				50,000 50,000								50,000	50,000
12-03	Crystal Springs Pipeline Air/Vacuum Relief Valves FY 13/14	20,000											0	20,000
13-01	Miramar Drive Pipeline Connection FY 13/14		80,000		50,000								80,000	50,000
13-02	Replace 8 Inch Pipeline Under Creek at Pilarcitos Ave. FY 13/14	25,000	200,000 200,000										200,000	225,000
14-01	Replace 12" Welded Steel Line on Hwy 92 with 8" DI FY 13/14			100,000 100,000				1,000,000 1,000,000	1,000,000 1,000,000	1,000,000 1,000,000			3,100,000	3,100,000
14-26	Replace 2 Inch Pipe Downtown Half Moon Bay FY 13/14				500,000 500,000								500,000	500,000
14-27	Grandview 2 Inch Replacement FY 13/14					450,000 450,000							450,000	450,000
14-28	Replace 2 Inch Hilltop Market to Spanishtown FY 13/14						240,000 240,000						240,000	240,000
14-29	Replace 2 Inch GS Purisima Way FY 13/14							125,000 125,000					125,000	125,000

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	FY 23/24	Current CIP Total	Previous CIP
14-30	Replace Miscellaneous 2 Inch GS El Granada FY 13/14							60,000 60,000					60,000	60,000
14-31	Ferdinand Avenue - Replace 4" WS Ferdinand Ave. to Columbus St. FY 13/14						225,000 225,000						225,000	225,000
14-32	Casa Del Mar - Replace Cast Iron Mains FY 13/14									1,000,000 1,000,000	1,000,000 1,000,000		2,000,000	2,000,000
14-33	Miramar Cast Iron Pipeline Replacement FY 13/14						1,000,000 1,000,000	1,000,000 1,000,000					2,000,000	2,000,000
NN-00	Pipeline Replacement FY 13/14											1,500,000	1,500,000	0
													14,720,000	12,950,000
Pump Stations/Tanks/Wells														
06-04	Hazen's Tank Replacement FY 13/14	400,000	500,000										500,000	400,000
08-14	AlvesTank Recoating, Interior + Exterior FY 13/14	400,000	400,000										400,000	400,000
08-16	Cahill Tank Exterior Recoat FY 13/14			150,000 150,000									150,000	150,000
08-17	EG Tank #2 Recoat + Ladder FY 13/14	300,000											0	300,000
08-18	EG Tank #3 Recoating Interior + Exterior FY 13/14		260,000 260,000										260,000	260,000
09-18	New Pilarcitos Well FY 13/14					150,000 150,000							150,000	150,000
11-02	CSPS Stainless Steel Inlet Valves FY 13/14						100,000 100,000						100,000	100,000
11-03	Miramar Tank Altitude Valve Replacement FY 13/14	30,000		0 0									0	30,000
11-05	Half Moon Bay Tank #2 Interior + Exterior Recoat FY 13/14					200,000 200,000							200,000	200,000
11-06	Half Moon Bay Tank #3 Interior + Exterior Recoat FY 13/14						200,000 200,000						200,000	200,000
12-06	CSPS Surge Tank Control Improvements FY 13/14	80,000											0	80,000
12-09	EG Tank #2 Fence Replacement Deleted FY 13/14	25,000											0	25,000
12-11	Miramar Tank Fence Replacement FY 13/14	25,000											0	25,000
13-08	Crystal Springs Spare 350 HP Pump & Motor FY 13/14	50,000				50,000 50,000							50,000	100,000

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	FY 23/24	Current CIP Total	Previous CIP
13-11	EG Tank #1 & Tank #2 Emergency Generators				75,000	200,000								275,000	
		FY 13/14			75,000	200,000									275,000
14-17	Crystal Springs Pump Station Electrical Controls Upgrades		50,000											0	50,000
		FY 13/14	50,000												50,000
14-18	Crystal Springs Pump Station Spare 12 Inch Check Valve			25,000										25,000	
		FY 13/14		25,000											25,000
14-23	Alves Tank Generator Enclosure		15,000											0	15,000
		FY 13/14	15,000												15,000
														2,310,000	2,785,000
Water Supply Development															
10-02	Bridgeport Drive Pipeline Replacement Project		110,000	840,000	110,000	840,000								950,000	
		FY 13/14	110,000	840,000	110,000	840,000									950,000
12-04	Denniston Treated Water Booster Station		600,000		200,000	800,000								1,000,000	600,000
		FY 13/14	600,000		200,000	800,000									600,000
12-12	San Vicente Diversion and Pipeline		300,000	1,000,000	300,000	1,000,000	1,000,000							2,300,000	
		FY 13/14	300,000	1,000,000	300,000	1,000,000	1,000,000								2,300,000
13-04	Denniston Reservoir Restoration					1,000,000	1,000,000							1,000,000	1,000,000
		FY 13/14				1,000,000	1,000,000								1,000,000
13-12	CCWD-MWSD Emergency Intertie – Planning		25,000											0	25,000
		FY 13/14	25,000												25,000
14-24	Denniston/San Vicente EIR & Permitting		100,000	50,000	50,000									100,000	200,000
		FY 13/14	100,000	50,000	50,000										200,000
14-25	Water Shortage Plan Development		50,000	50,000	100,000	100,000								150,000	200,000
		FY 13/14	50,000	50,000	100,000	100,000									200,000
														5,500,000	5,275,000
Water Treatment Plants															
08-06	Nunes Filter to Waste System					80,000								0	80,000
	Deleted	FY 13/14				80,000									80,000
08-07	Nunes Filter Valve Replacement							30,000	30,000	30,000	30,000	30,000	30,000	150,000	150,000
		FY 13/14						30,000	30,000	30,000	30,000	30,000	30,000		150,000
12-05	Nunes Access Road Repaving		100,000											0	100,000
		FY 13/14	100,000												100,000
12-14	Nunes - Hydropneumatic System Improvements		40,000											0	40,000
		FY 13/14	40,000												40,000
13-05	Denniston WTP Emergency Power							500,000	500,000					500,000	500,000
		FY 13/14						500,000	500,000						500,000
14-02	Nunes - Replace Sludge Pond Media		25,000	25,000										25,000	50,000
		FY 13/14	25,000	25,000											50,000

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	FY 23/24	Current CIP Total	Previous CIP
14-04	Denniston - Dust Control	FY 13/14	10,000											0	10,000
14-06	Nunes - New 1720E Turbidimeters (4)	FY 13/14		35,000										35,000	35,000
14-07	Nunes - New Surface Scatter 7 Turbidimeter	FY 13/14	7,000											0	7,000
14-08	Nunes - New Storage Container	FY 13/14	7,000											0	7,000
14-10	Nunes - Emergency Power Switchgear	FY 13/14	30,000											0	30,000
99-05	Denniston Maintenance Dredging	FY 13/14	60,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	3,500	35,000		283,500	343,500
														993,500	1,352,500
CIP Totals		FY 13/14	3,638,000	3,233,000	1,598,000	5,148,000	4,798,000	3,603,000	2,833,000	2,138,000	2,106,500	2,138,000	4,528,000	32,123,500	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 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	FY 23/24
Total Budgeted: \$600,000	150,000	150,000	150,000	150,000						

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 2014/2015 to Fiscal Year 2023/2024

08-10 Backhoe

Equipment Purchase & Replacement

Priority: 2 Replaces essential District equipment.

	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	FY 23/24
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.

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Coastside County Water District Capital Improvement Program

Fiscal Year 2014/2015 to Fiscal Year 2023/2024

08-12 New Service Truck

Equipment Purchase & Replacement

Priority: 2

	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	FY 23/24
Total Budgeted: \$150,000			150,000							

Description:

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Coastside County Water District Capital Improvement Program

Fiscal Year 2014/2015 to Fiscal Year 2023/2024

15-04 **Vactor Trailer**

Equipment Purchase & Replacement

Priority: 2

	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	FY 23/24
Total Budgeted: \$100,000		100,000								

Description:

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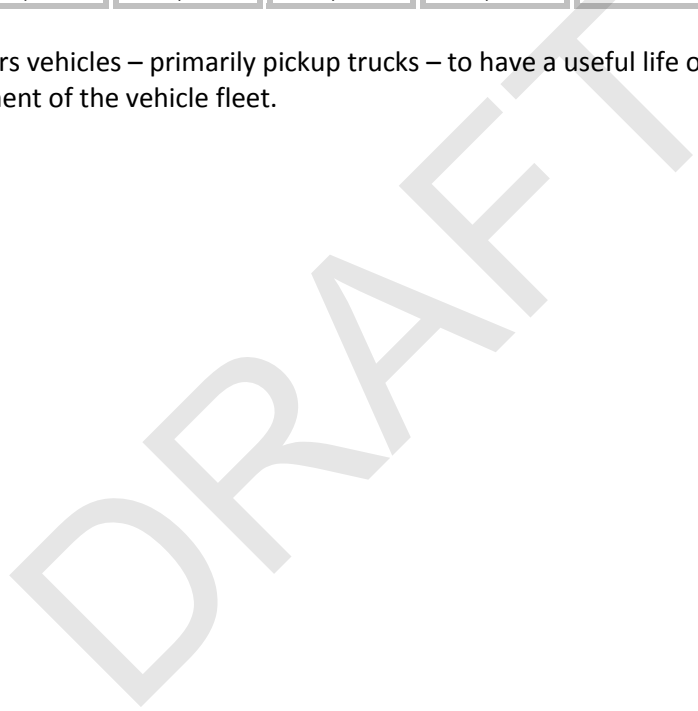
99-02 Vehicle Replacement

Equipment Purchase & Replacement

Priority: 2 Replaces essential District equipment.

	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	FY 23/24
Total Budgeted: \$150,000	30,000	30,000	30,000	30,000	30,000					

Description: The District generally considers vehicles – primarily pickup trucks – to have a useful life of 10 years or 100,000 miles. This project provides funding for periodic replacement of the vehicle fleet.



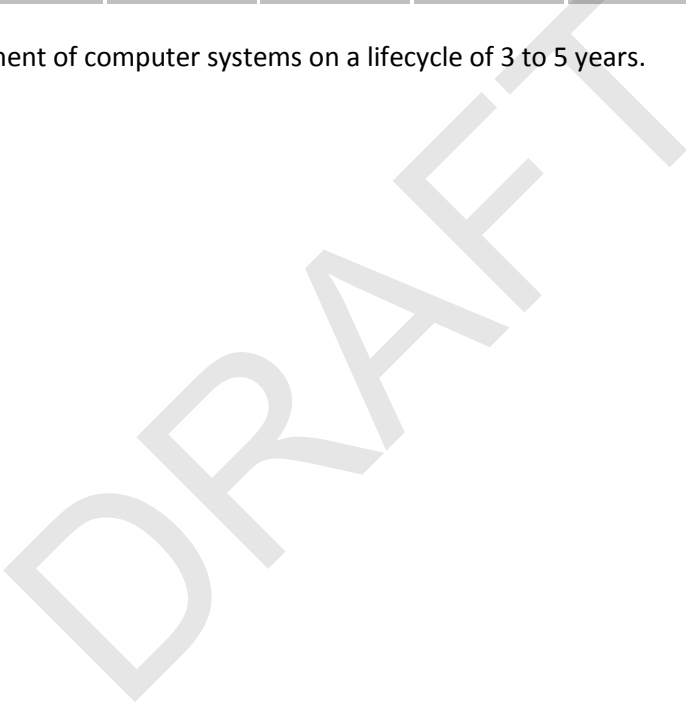
99-03 Computer Systems

Equipment Purchase & Replacement

Priority: 2 Maintains essential District facilities.

	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	FY 23/24
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 2014/2015 to Fiscal Year 2023/2024

99-04 Office Equipment/Furniture

Equipment Purchase & Replacement

Priority: 2 Maintains essential district facilities.

	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	FY 23/24
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.

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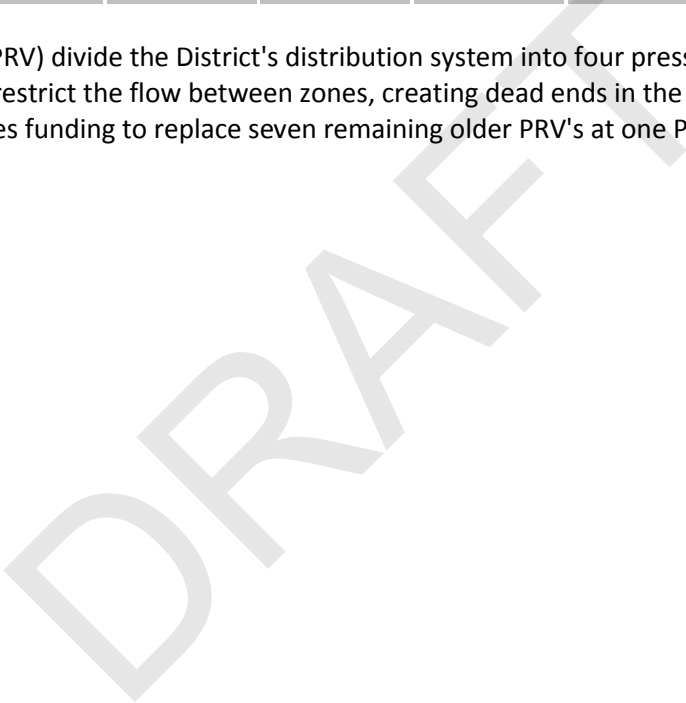
08-08 PRV Valves Replacement Project

Facilities & Maintenance

Priority: 1 Maintains distribution system circulation and water quality

	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	FY 23/24
Total Budgeted: \$180,000	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

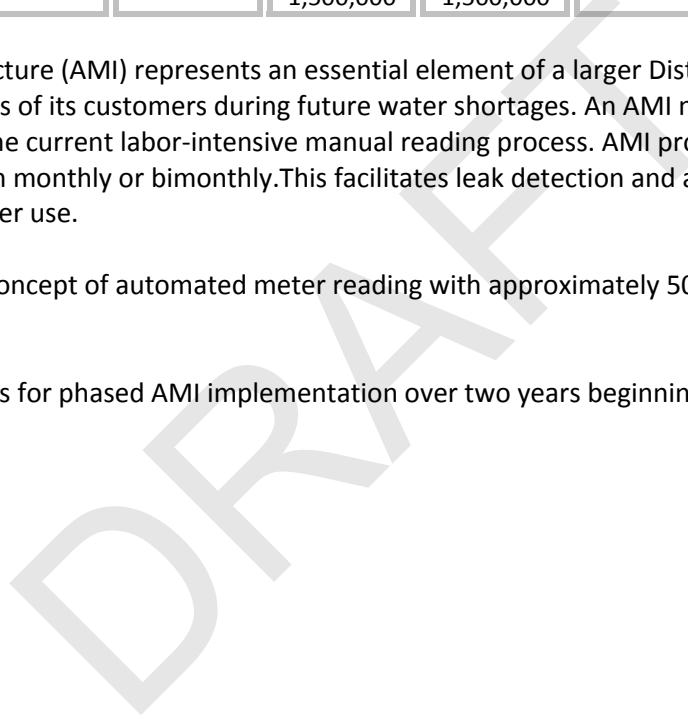
Priority: 2 Ensures efficient District operation and customer service, particularly during water shortages

	FY 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	FY 23/24
Total Budgeted: \$3,000,000				1,500,000	1,500,000					

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 phased AMI implementation over two years beginning with FY 17/18.



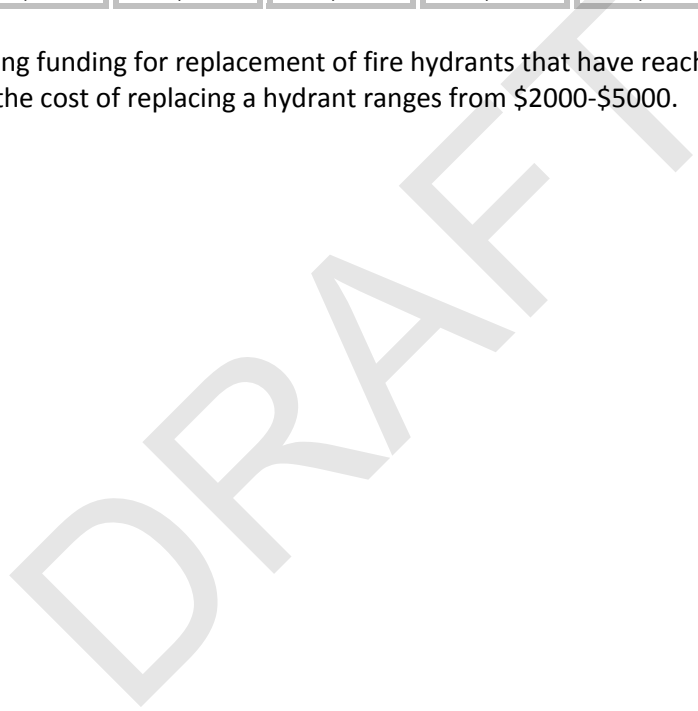
09-09 Fire Hydrant Replacement

Facilities & Maintenance

Priority: 2 Maintains essential district infrastructure.

	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	FY 23/24
Total Budgeted: \$180,000	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.



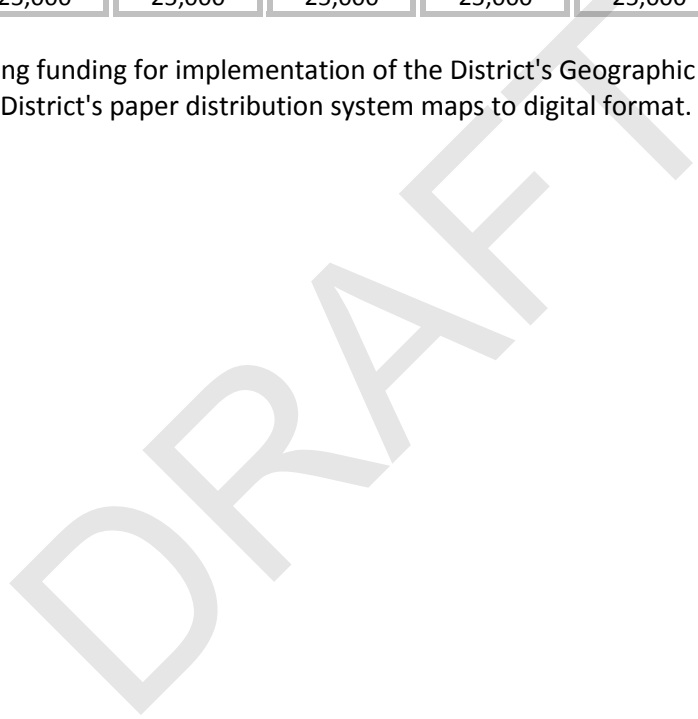
09-23 District Digital Mapping

Facilities & Maintenance

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

	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	FY 23/24
Total Budgeted: \$225,000	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.



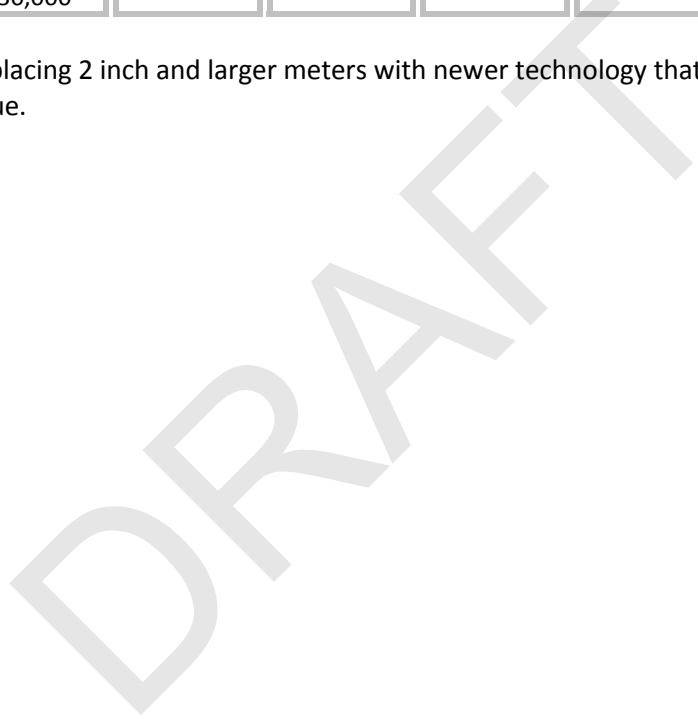
14-11 Replace 2" and Larger Meters with Omni Meters

Facilities & Maintenance

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

	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	FY 23/24
Total Budgeted: \$60,000	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.



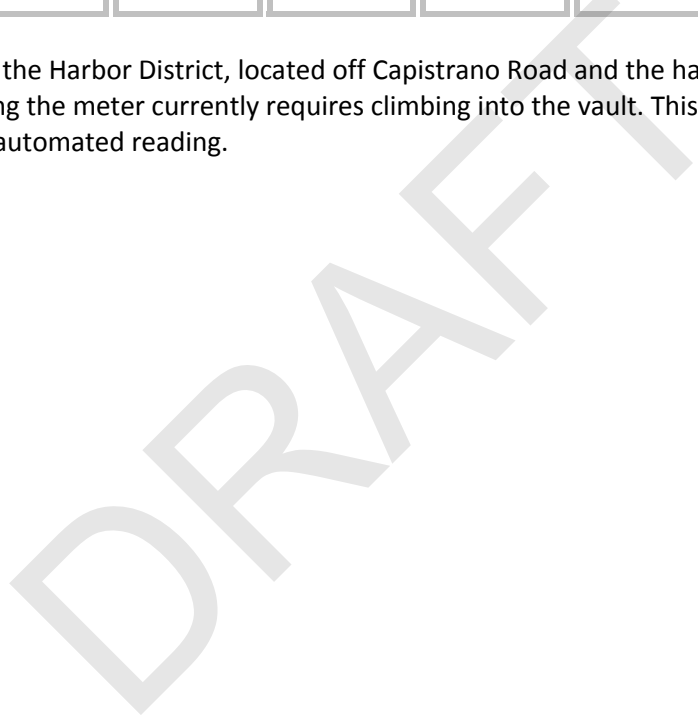
14-12 Harbor District Vault & Meter Replacement

Facilities & Maintenance

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

	FY 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	FY 23/24
Total Budgeted: \$0										

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.



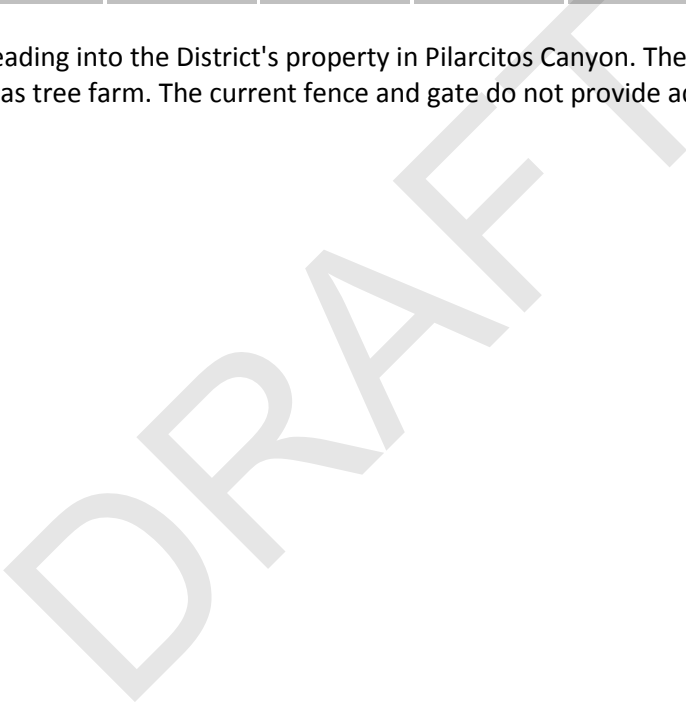
14-13 New Security Fence at Pilarcitos Well Field

Facilities & Maintenance

Priority: 2 Maintains security of district property and facilities.

	FY 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	FY 23/24
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.



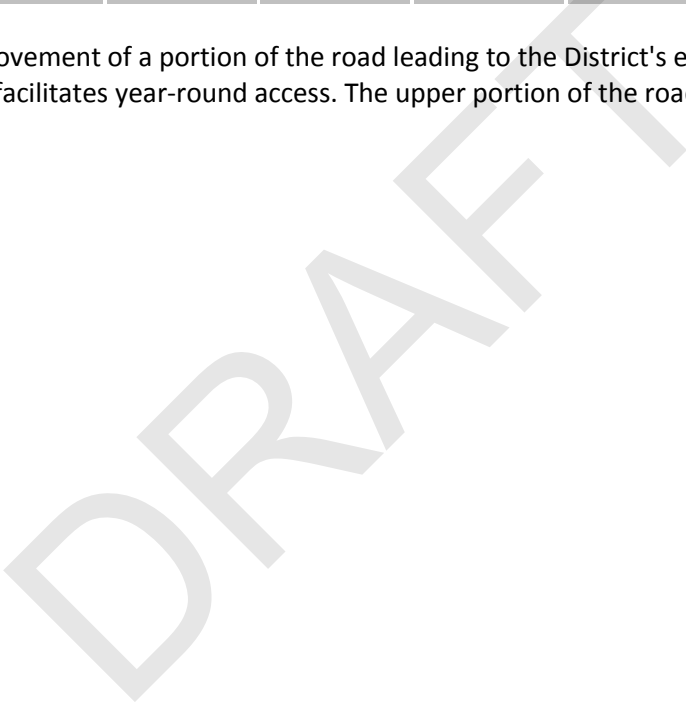
14-14 Pilarcitos Canyon Road Improvements

Facilities & Maintenance

Priority: 3 Maintains essential District facilities and infrastructure

	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	FY 23/24
Total Budgeted: \$70,000	70,000									

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.



15-01 Utility Billing Software Upgrade

Facilities & Maintenance

Priority: 1 Capable and well supported utility billing software is essential to the District's operations.

	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	FY 23/24
Total Budgeted: \$200,000	200,000									

Description: <div>The District's utility billing software (Springbrook) does not have the capability to handle budget-based water billing, which is required for the higher stages of our Water Shortage Contingency Plan and may become a permanent feature of the District's future billing approach. District staff has been unsuccessful in obtaining the necessary software modifications from the current vendor. In addition, poor support of the current software makes it difficult for District staff to obtain important information from the billing system. Replacing the current software package will:</div>

-
- Improve software support
- Allow for budget-based billing as necessary under the Water Shortage Contingency Plan
- Provide improved access to utility billing information
- Allow for better integration of web-based payments and customer online account access
-

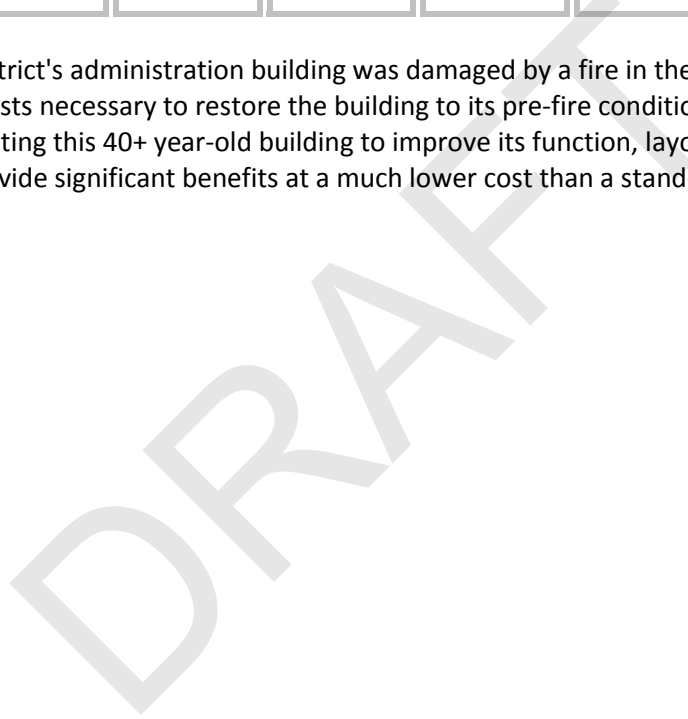
15-02 Administration Building Fire Repair and Remodeling Project

Facilities & Maintenance

Priority: 1 This project is essential to improve the District's outdated administration building.

	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	FY 23/24
Total Budgeted: \$300,000	300,000									

Description: <div>In January 2014, the District's administration building was damaged by a fire in the computer server room. The District's insurance coverage will pay all of the costs necessary to restore the building to its pre-fire condition, including the costs of housing District staff in temporary office space. Updating this 40+ year-old building to improve its function, layout, and energy efficiency while performing the necessary fire repairs will provide significant benefits at a much lower cost than a stand-alone remodeling project.</div>



15-03 District Administration/Operations Center

Facilities & Maintenance

Priority:

	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	FY 23/24
Total Budgeted: \$3,025,000	25,000									3,000,000

Description:

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15-05 Administration Building Phone System

Facilities & Maintenance

Priority: 1 Having an expandable phone system with up-to-date capabilities is essential to the District's administrative and customer service functions.

	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	FY 23/24
Total Budgeted: \$30,000	30,000									

Description: <div>The District's phone system is outdated, cannot be expanded, and is no longer supported. Replacing the phone system will provide the capabilities and expansion capacity needed for District staff to handle the additional administrative and customer service requirements that a water shortage would impose. </div>

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Coastside County Water District Capital Improvement Program

Fiscal Year 2014/2015 to Fiscal Year 2023/2024

99-01 Meter Change Program

Facilities & Maintenance

Priority: 1 Ensures accuracy of metering for billing purposes.

	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	FY 23/24
Total Budgeted: \$150,000	10,000	10,000	10,000	10,000	10,000	20,000	20,000	20,000	20,000	20,000

Description: <div>This project provides on-going funding for the District's replacement of meters that have reached the end of their service life. Anticipating comprehensive replacement of smaller meters in association with AMI implementation (Project 09-07), program reduced beginning FY14/15, to be resumed FY19/20. </div>

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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.

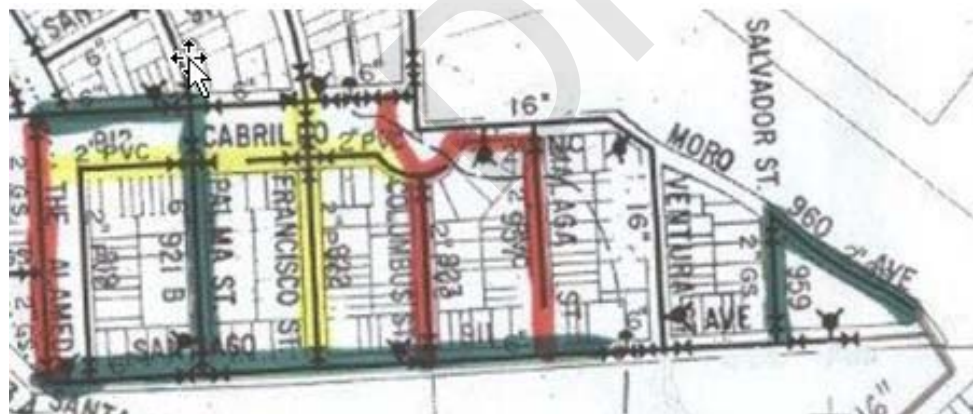
	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24
Total Budgeted: \$600,000	300,000		300,000							

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

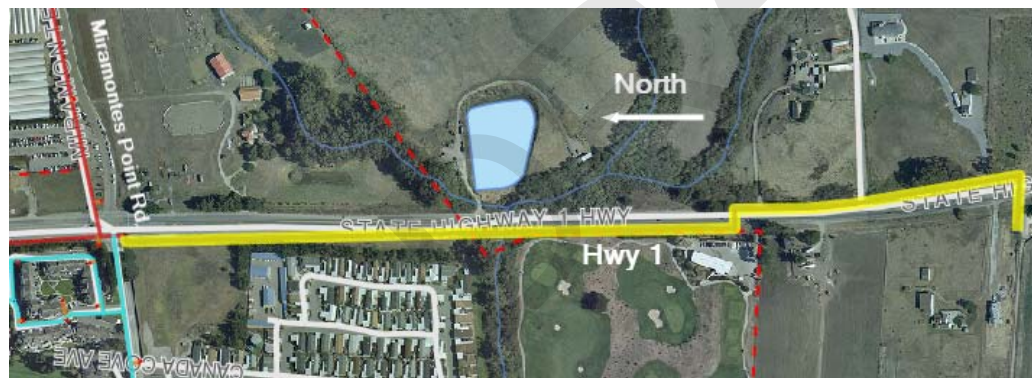
Pipeline Projects

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

	FY 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	FY 23/24
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 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	FY 23/24
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. These deadlines will likely be extended by mutual agreement.

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 14/15 and FY 15/16 for the feasibility study, initial environmental review, and preliminary design. The FY 17/18 CIP includes a construction cost placeholder of \$1 million.

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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 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	FY 23/24
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 Bridge Pipeline Replacement Project

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 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	FY 23/24
Total Budgeted: \$750,000	250,000				500,000					

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. As of March 2014, the City has not decided whether it will replace or repair the existing bridge. Controversy over the project makes it possible that construction will be delayed significantly.

Re-evaluation of this project for the FY14/15-FY23/24 CIP indicates that it will be significantly more expensive than the \$340,000 initially budgeted. This section of pipe is critical for service in the portion of the District south of Pilarcitos Creek. Due to the deteriorated condition of the existing pipe and the difficulty of repairing it, the District must 1) be ready to quickly put an emergency temporary pipeline in place if the pipe fails, 2) evaluate alternatives for a permanent replacement, including attachment to the Main St. bridge and jacking and boring under Pilarcitos Creek, and 3) design and construct the best alternative. The FY14/15-FY23/24 CIP includes \$250,000 in FY14/15 for installing connection points for a temporary pipeline and for studies and preliminary engineering. Assuming the City would replace or repair the bridge in FY18/19 and that the pipe would remain on the bridge, the CIP includes a placeholder of \$500K in FY18/19 for construction of the permanent pipe. Cost and schedule could change significantly based on the option chosen.



12-02 Wave Valve Automation

Pipeline Projects

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

	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	FY 23/24
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.



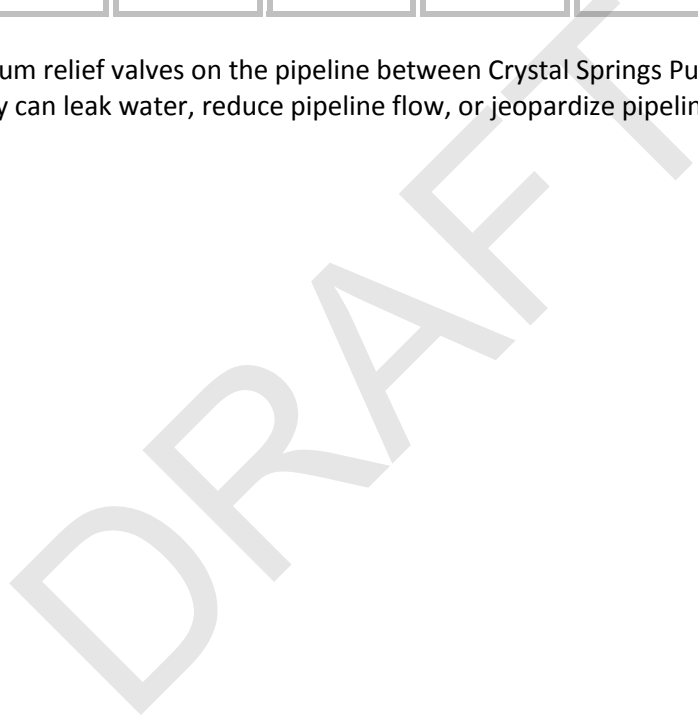
12-03 Crystal Springs Pipeline Air/Vacuum Relief Valves

Pipeline Projects

Priority: 1 Reduces water loss, protects critical infrastructure.

	FY 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	FY 23/24
Total Budgeted: \$0										

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 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	FY 23/24
Total Budgeted: \$80,000	80,000									

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 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	FY 23/24
Total Budgeted: \$200,000	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

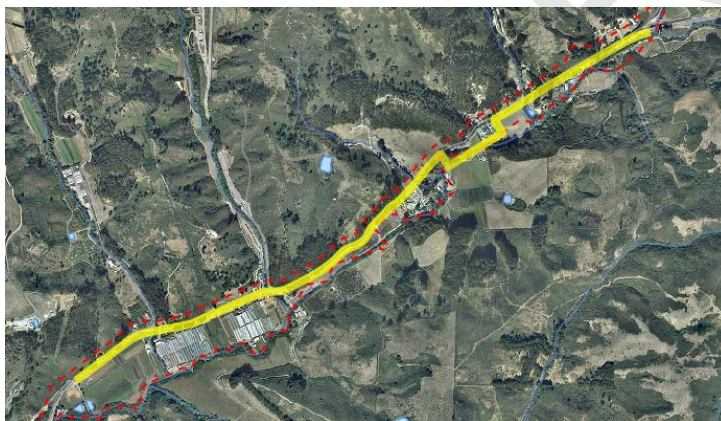
Pipeline Projects

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

	FY 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	FY 23/24
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 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	FY 23/24
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.



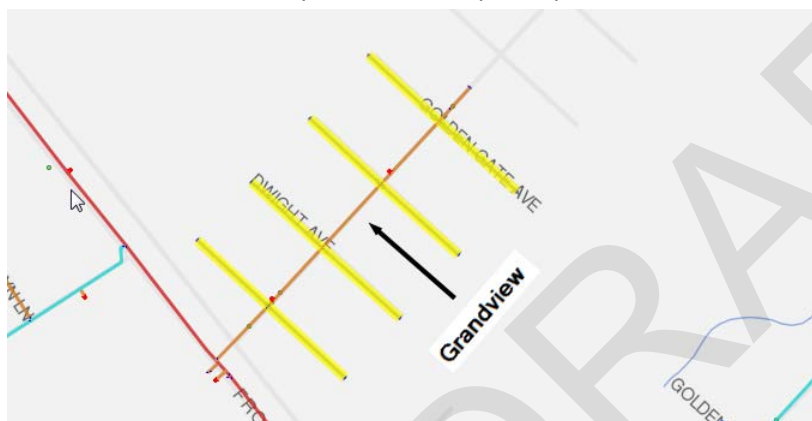
14-27 Grandview 2 Inch Replacement

Pipeline Projects

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

	FY 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	FY 23/24
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 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	FY 23/24
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 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	FY 23/24
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.



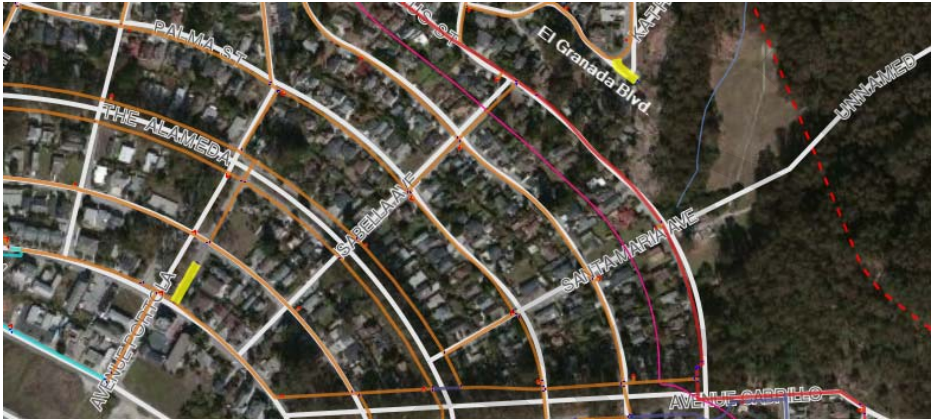
14-30 Replace Miscellaneous 2 Inch GS El Granada

Pipeline Projects

Priority: 3

	FY 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	FY 23/24
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 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	FY 23/24
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 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	FY 23/24
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 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	FY 23/24
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.



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Coastside County Water District Capital Improvement Program

Fiscal Year 2014/2015 to Fiscal Year 2023/2024

NN-00 Pipeline Replacement

Pipeline Projects

Priority: 3

	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	FY 23/24
Total Budgeted: \$1,500,000										1,500,000

Description: Placeholder for cost of continuing pipeline replacement.

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06-04 Hazen's Tank Replacement

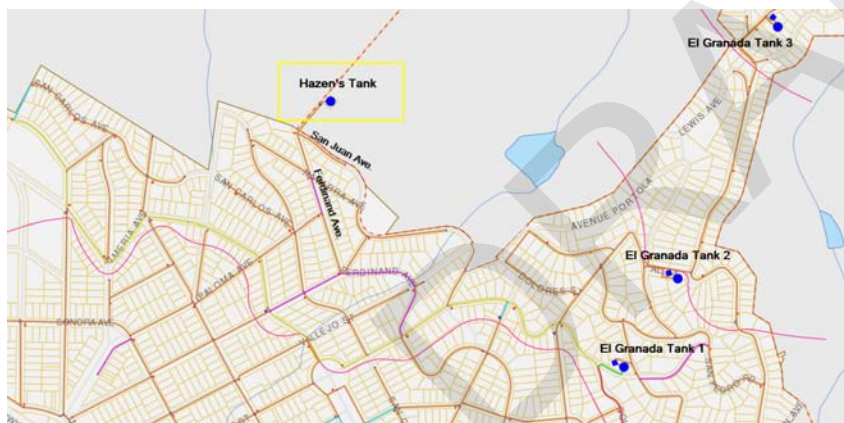
Pump Stations/Tanks/Wells

Priority: 1 Replaces essential district infrastructure.

	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	FY 23/24
Total Budgeted: \$500,000	500,000									

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

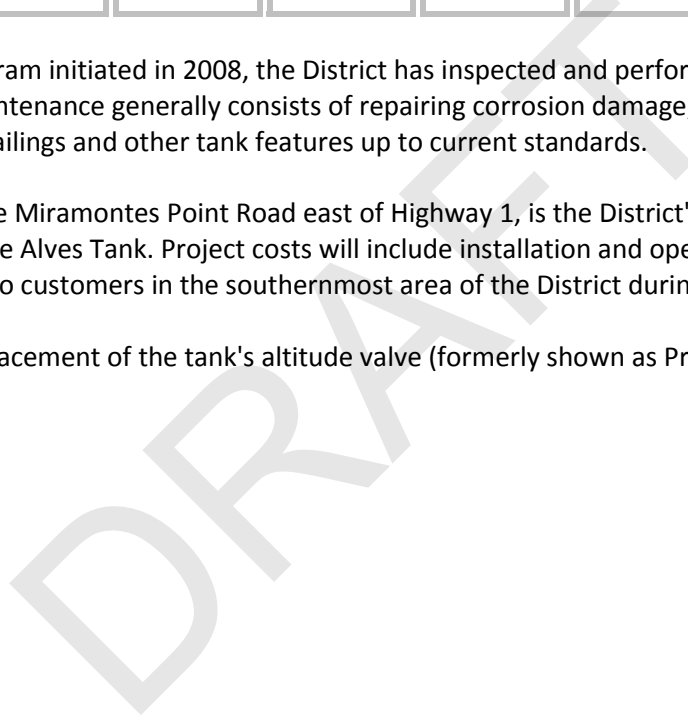
Priority: 1 Maintains critical district infrastructure.

	FY 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	FY 23/24
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).



08-16 Cahill Tank Exterior Recoat

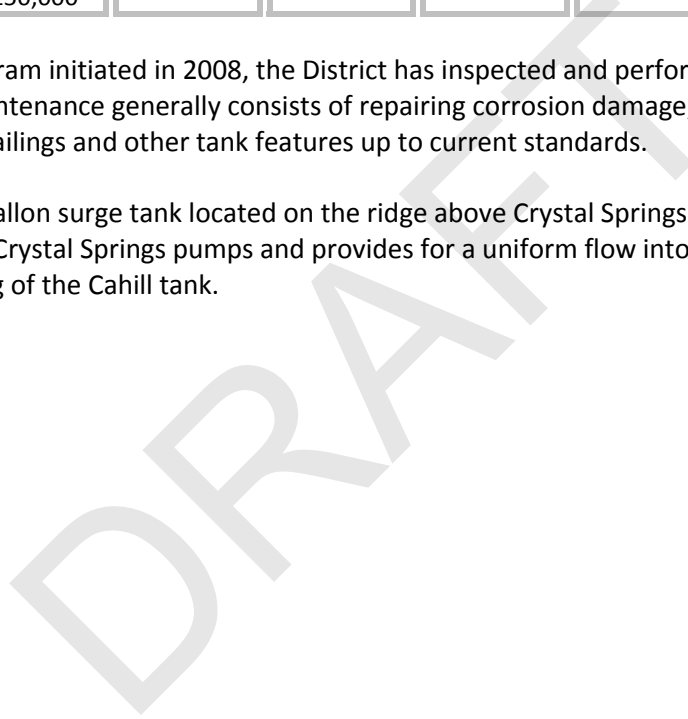
Pump Stations/Tanks/Wells

Priority: 3 Maintains essential district facilities

	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	FY 23/24
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 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	FY 23/24
Total Budgeted: \$0										

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

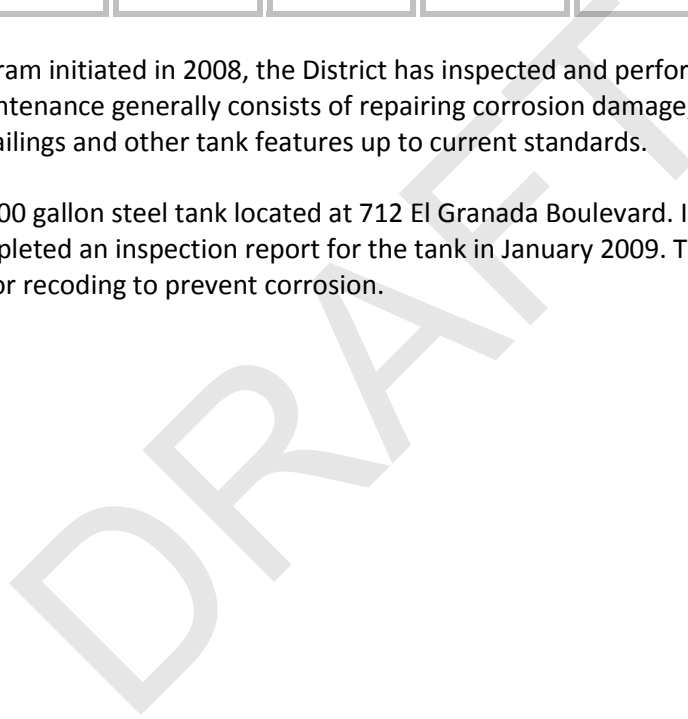
Pump Stations/Tanks/Wells

Priority: 1 Maintains essential district facilities.

	FY 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	FY 23/24
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

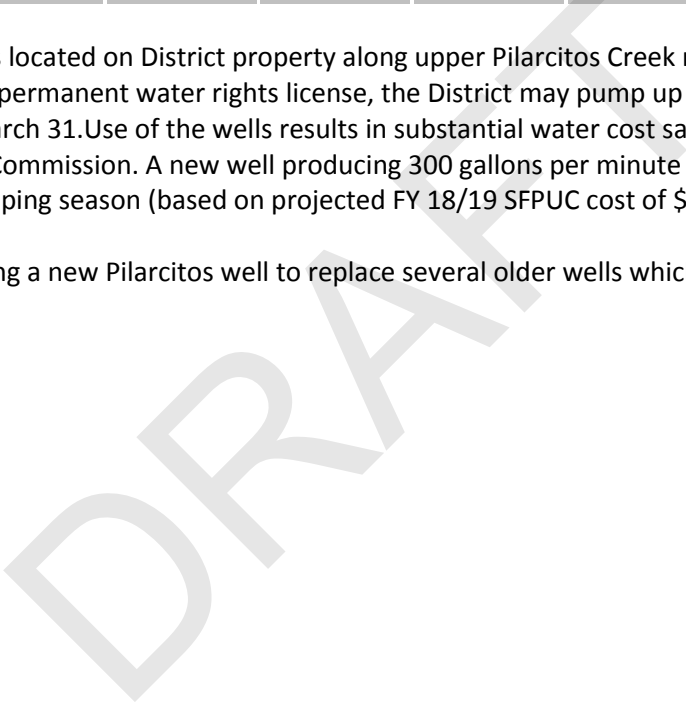
Pump Stations/Tanks/Wells

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

	FY 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	FY 23/24
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 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	FY 23/24
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.

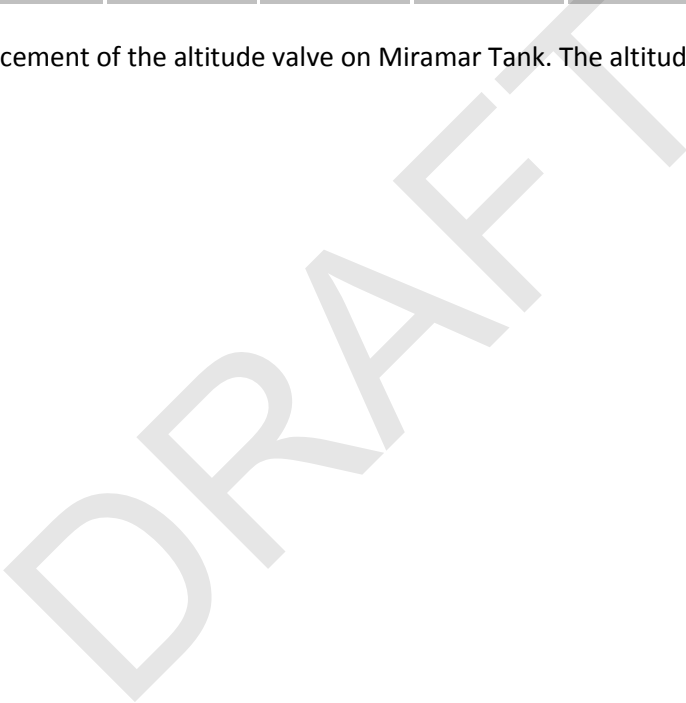
11-03 Miramar Tank Altitude Valve Replacement

Pump Stations/Tanks/Wells

Priority: 2 Maintains essential district facilities, prevents water loss

	FY 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	FY 23/24
Total Budgeted: \$0		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 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	FY 23/24
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

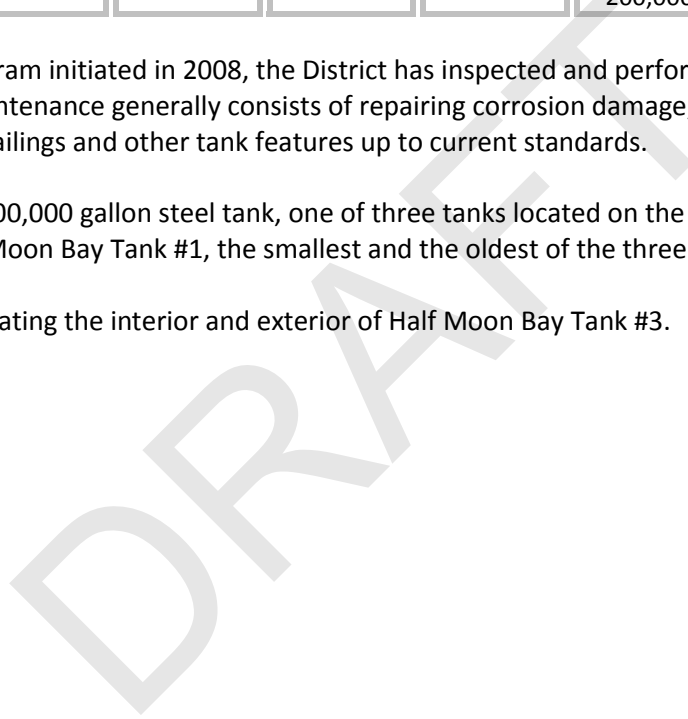
Priority: 1 Maintains essential District facilities.

	FY 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	FY 23/24
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

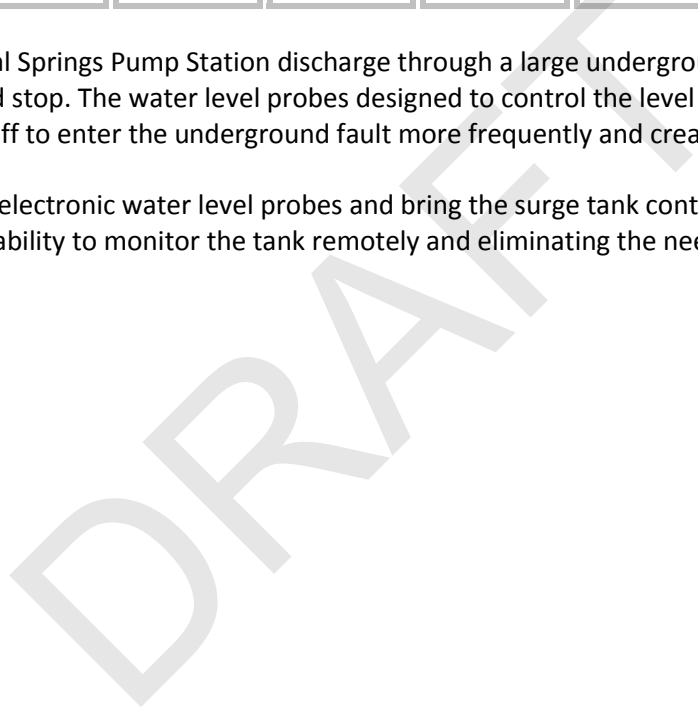
Pump Stations/Tanks/Wells

Priority: 1 Replaces essential systems and improves worker safety.

	FY 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	FY 23/24
Total Budgeted: \$0										

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 fault 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.



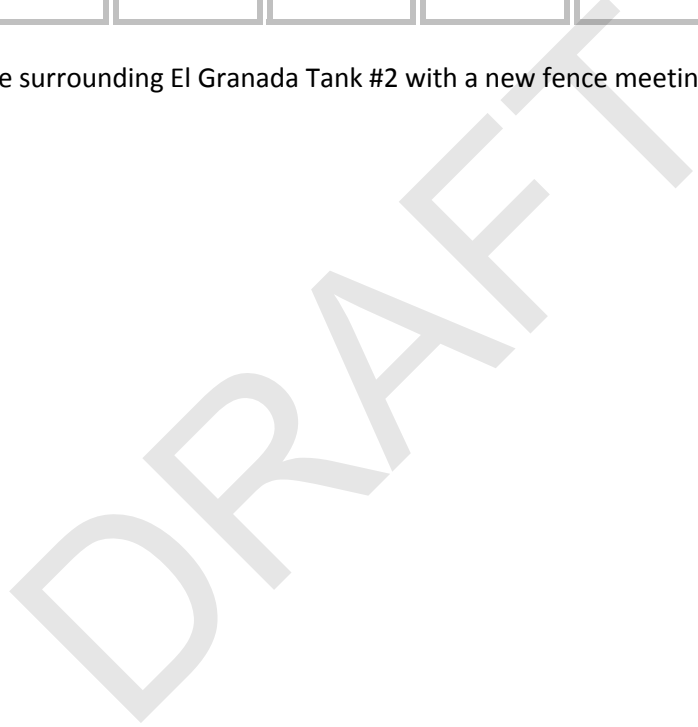
12-09 EG Tank #2 Fence Replacement

Pump Stations/Tanks/Wells

Priority: 1 Maintains security of essential District facilities.

	FY 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	FY 23/24
Total Budgeted: \$0										

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



12-11 Miramar Tank Fence Replacement

Pump Stations/Tanks/Wells

Priority: 1

	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	FY 23/24
Total Budgeted: \$0										

Description:

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13-08 Crystal Springs Spare 350 HP Pump & Motor

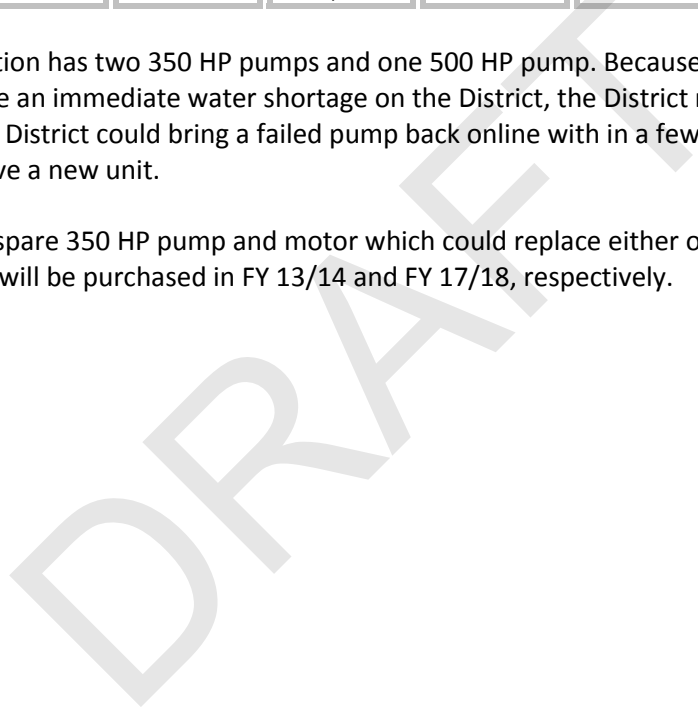
Pump Stations/Tanks/Wells

Priority: 2 Ensures reliability of critical facilities.

	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	FY 23/24
Total Budgeted: \$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

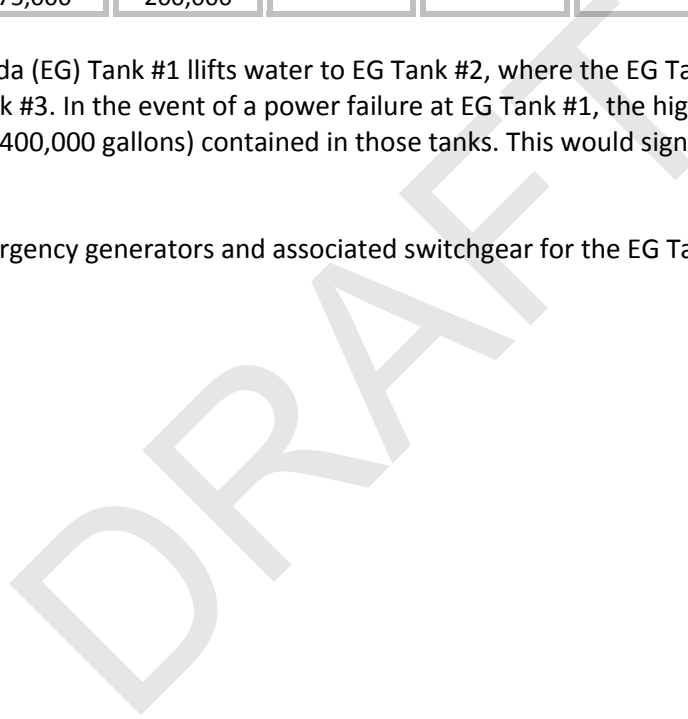
Pump Stations/Tanks/Wells

Priority: 1 Ensures adequate water supplies, fire flows.

	FY 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	FY 23/24
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

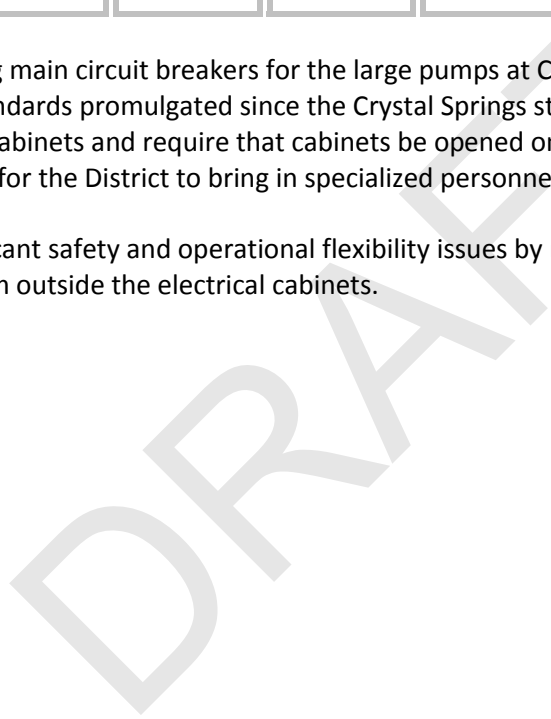
Pump Stations/Tanks/Wells

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

	FY 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	FY 23/24
Total Budgeted: \$0										

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.



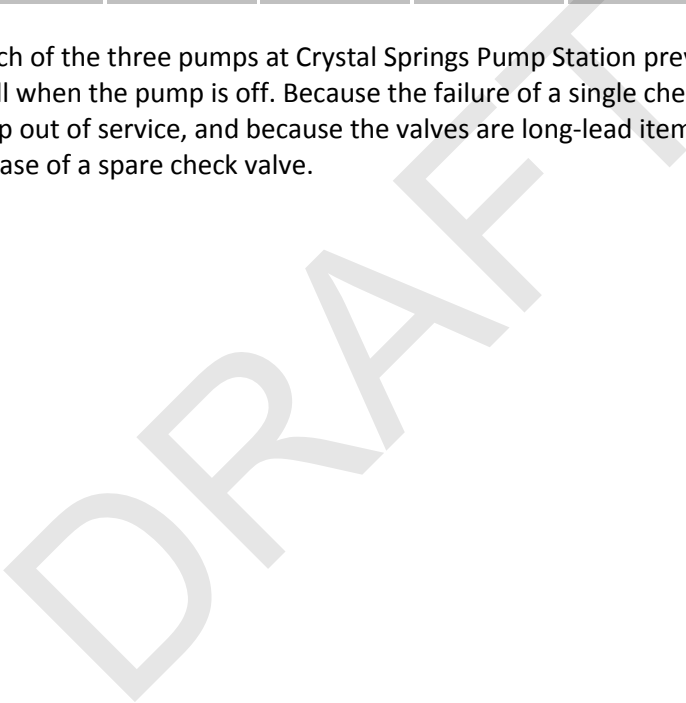
14-18 Crystal Springs Pump Station Spare 12 Inch Check Valve

Pump Stations/Tanks/Wells

Priority: 3 Improves operational reliability of critical facilities.

	FY 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	FY 23/24
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.



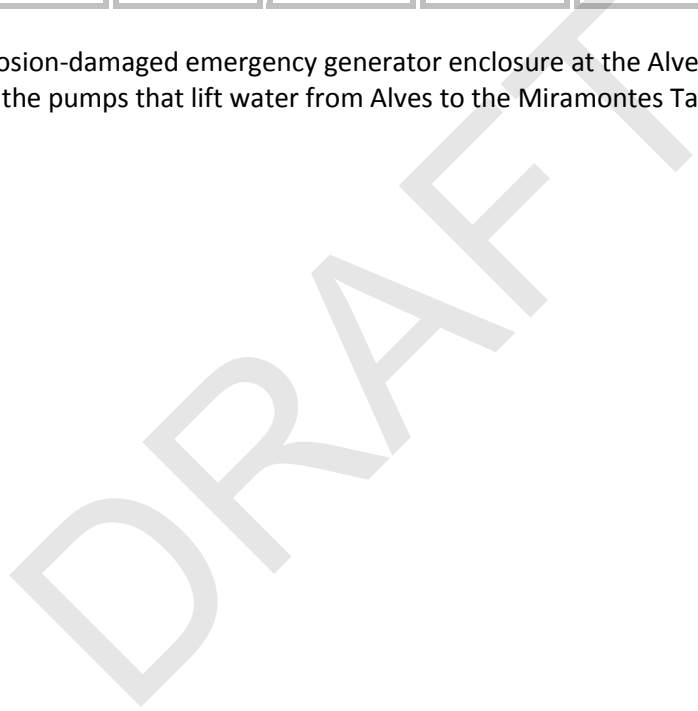
14-23 Alves Tank Generator Enclosure

Pump Stations/Tanks/Wells

Priority: 2 Maintains essential district facilities.

	FY 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	FY 23/24
Total Budgeted: \$0										

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.



10-02 Bridgeport Drive Pipeline Replacement Project

Water Supply Development

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 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	FY 23/24
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.



12-04 Denniston Treated Water Booster Station

Water Supply Development

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 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	FY 23/24
Total Budgeted: \$1,000,000		200,000	800,000							

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.

Denniston/San Vicente EIR process must complete before construction can proceed.

12-12 San Vicente Diversion and Pipeline

Water Supply Development

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

	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	FY 23/24
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 15/16 and \$2 million for construction in FY 16/17 and FY 17/18.

Denniston/San Vicente EIR process must complete before construction can proceed.

13-04 Denniston Reservoir Restoration

Water Supply Development

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

	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	FY 23/24
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.



13-12 CCWD-MWSD Emergency Intertie – Planning

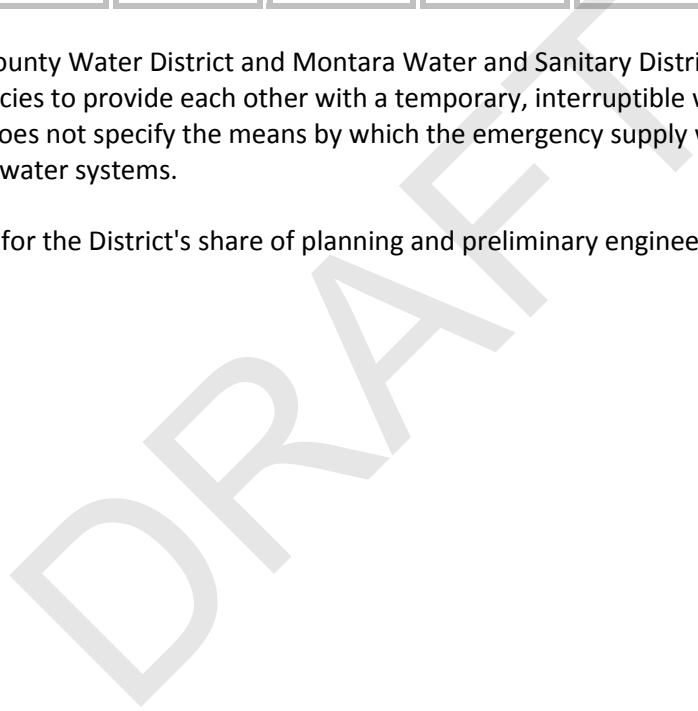
Water Supply Development

Priority: 3 Enhances water supply reliability

	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	FY 23/24
Total Budgeted: \$0										

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



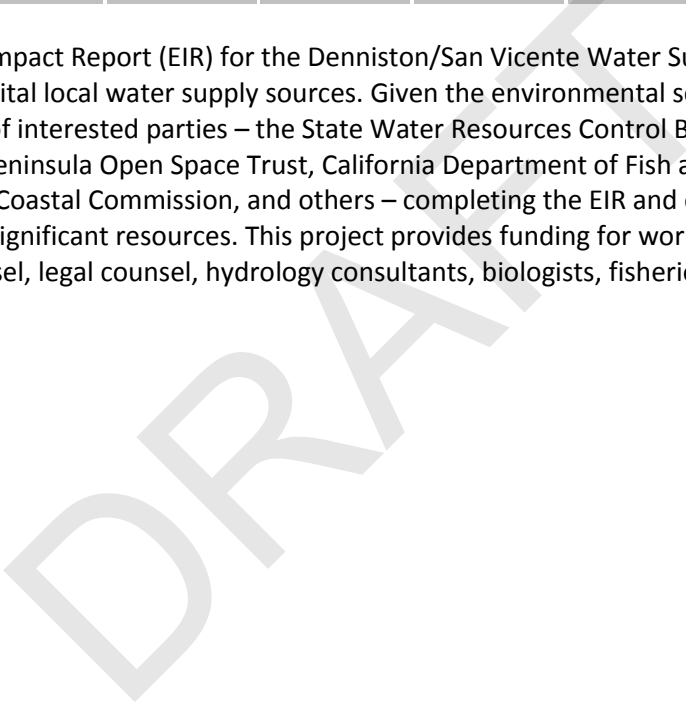
14-24 Denniston/San Vicente EIR & Permitting

Water Supply Development

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

	FY 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	FY 23/24
Total Budgeted: \$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 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	FY 23/24
Total Budgeted: \$150,000	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.

08-07 Nunes Filter Valve Replacement

Water Treatment Plants

Priority: 3 Maintains essential District facilities.

	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	FY 23/24
Total Budgeted: \$150,000					30,000	30,000	30,000	30,000	30,000	

Description:

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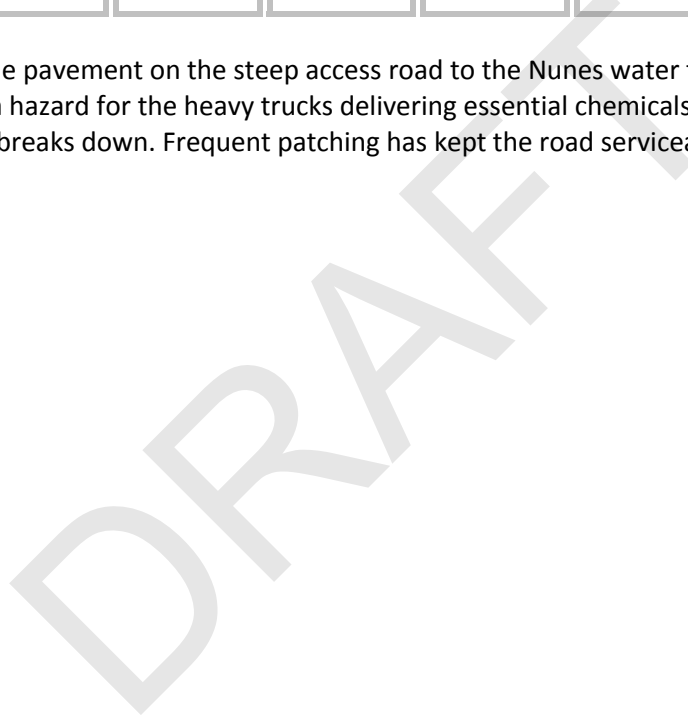
12-05 Nunes Access Road Repaving

Water Treatment Plants

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

	FY 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	FY 23/24
Total Budgeted: \$0										

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 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	FY 23/24
Total Budgeted: \$0										

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.

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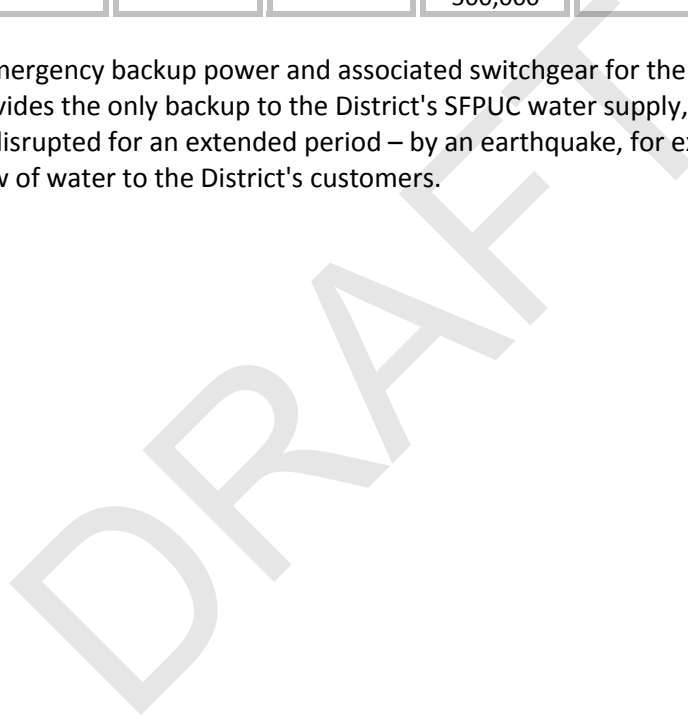
13-05 Denniston WTP Emergency Power

Water Treatment Plants

Priority: 2 Improves water supply reliability, emergency preparedness.

	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	FY 23/24
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

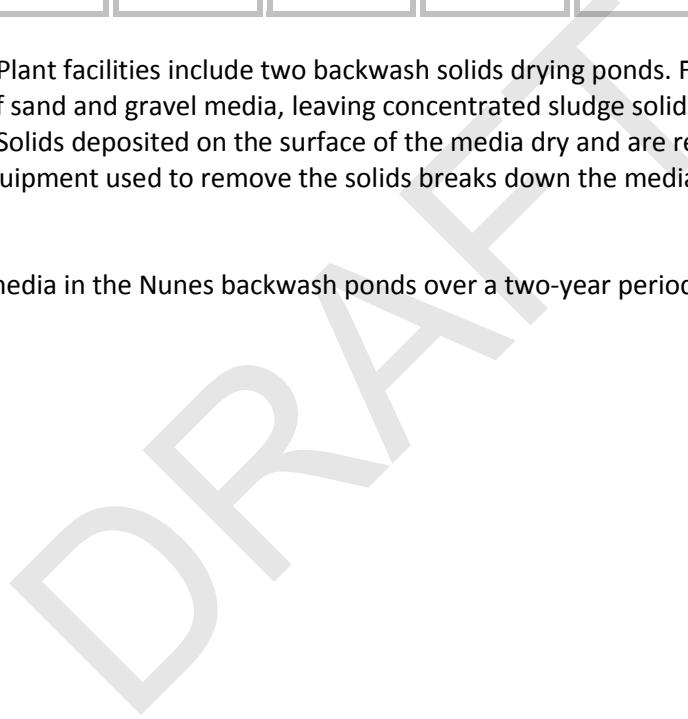
Water Treatment Plants

Priority: 2 Maintains essential District facilities.

	FY 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	FY 23/24
Total Budgeted: \$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 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	FY 23/24
Total Budgeted: \$0										

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.

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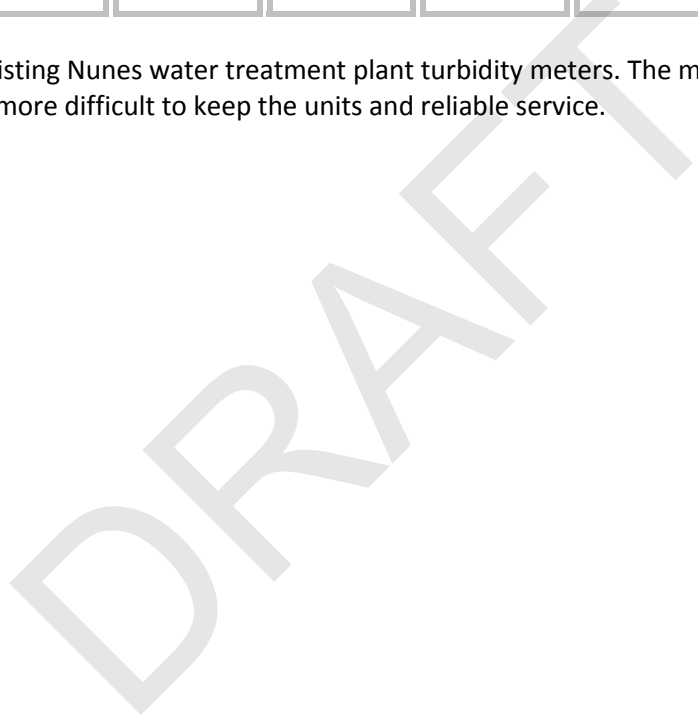
14-06 Nunes - New 1720E Turbidimeters (4)

Water Treatment Plants

Priority: 1 Improves treatment plant reliability.

	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	FY 23/24
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.



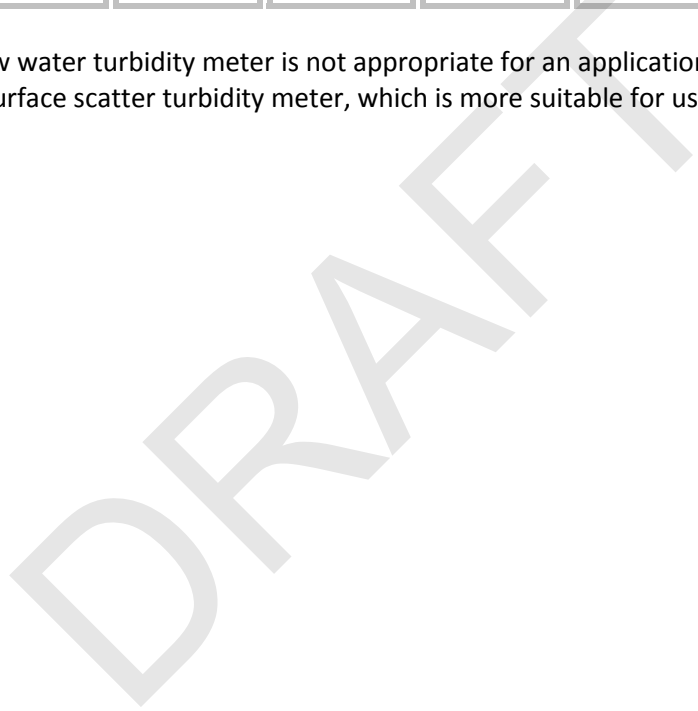
14-07 Nunes - New Surface Scatter 7 Turbidimeter

Water Treatment Plants

Priority: 1 Improves treatment plant reliability.

	FY 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	FY 23/24
Total Budgeted: \$0										

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 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	FY 23/24
Total Budgeted: \$0										

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

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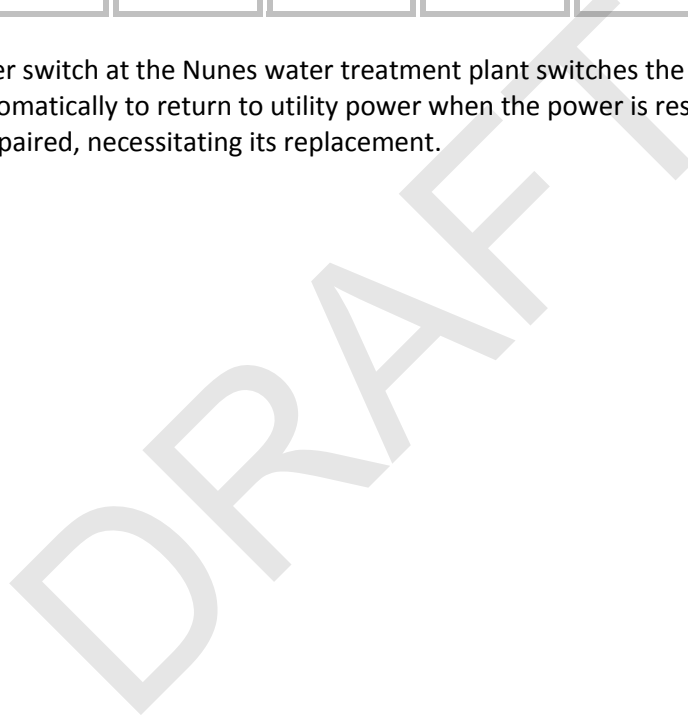
14-10 Nunes - Emergency Power Switchgear

Water Treatment Plants

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

	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	FY 23/24
Total Budgeted: \$0										

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.



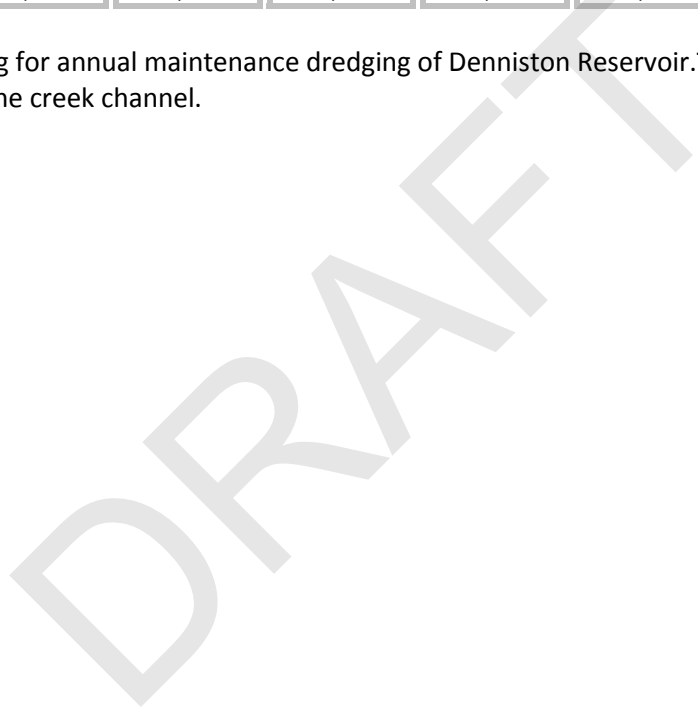
99-05 Denniston Maintenance Dredging

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 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	FY 23/24
Total Budgeted: \$283,500	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.



STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: June 10, 2014

Report

Date: June 5, 2014

Subject: General Manager's Report

Recommendation:

None. Information only.

Background:

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

- 1. SFPUC Drought Conditions Update:** On June 5, Assistant General Manager Steve Ritchie of SFPUC gave BAWSCA representatives an update on water supply conditions. He indicated that we're doing better in moving toward the goal of a 10% reduction in usage, but that the goal has still not been achieved and that we need to reduce demand further. Based on his cautiously optimistic tone, it does not appear that SFPUC staff feels the need to go to mandatory rationing. They will continue to review customer demands weekly and will "revisit our water use reduction request on June 15." In the event SFPUC declares mandatory rationing, Steve told us, we would probably have at least 2-3 months before the allocations go into effect.
- 2. Administration Building Remodeling Project Status:** We expect construction on the administration building repair/remodeling project to begin before the end of June and to be completed by the end of August. We are currently waiting for the building permit from the City of Half Moon Bay and for the contractor to provide us with required contract, insurance, and bonding documents.
- 3. Grand Jury Report:** With an email to the Board on May 19, I distributed a Grand Jury report evaluating web site transparency of the 23 special districts in San Mateo County. We subsequently received a letter from the Superior Court letting us know that our response, which must be approved by the Board, is due no later than August 18. I will present a recommended response for the Board's review at the July 8 meeting.

MONTHLY REPORT

To: David Dickson, General Manager
From: Joe Guistino, Superintendent of Operations
Agenda: June 10, 2014

Report
Date: June 5, 2014

Monthly Highlights

El Granada Tank 2 Renovation

Mechanical work is complete and we are presently in phase 3 of the construction. The tank will be filled and put on-line in June.

Source of Supply

Crystal Springs, Denniston Reservoirs, and Denniston Wells 1 and 9 were the sources of supply in May. Denniston Reservoir contributed 7.89 million gallons (MG), and Denniston Wells contributed 0.83 MG. These local sources contributed 13.3% of the water supply to our service area for May. We switched to Crystal Springs Reservoir on 12 May.

System Improvements

Administration Building

Field staff have participated in discussions and planning for the operations center for the move back into the administration building once remodeling is complete.

Treatment Data Management

Treatment staff launched the new data collection and report generation system for Nunes WTP. This program will decrease the time that it takes to enter data, generate monthly and annual reports and research special projects.

Stone Dam Pipeline

Last month I reported improvements to this pipeline, enabling us to achieve sustained flows of at least 1600 gpm. Although this is still true, changes in plant rates still cause air entrapment, requiring a crew to blow off air. We installed larger blow offs on the pipeline which has helped but not eliminated the problem. Current demand warranted a switch to the Crystal Springs source. We will resolve the issue once demands decrease and we switch back to the Pilarcitos source.

Fire Hydrants

Crews replaced one hydrant and painted 11 hydrants in May.

Miramar Tank

The perimeter of the Miramar Tank was graded to improve water drainage at the site, eliminating corrosion issues from ponding water on the chime. The new security fence will be erected in June.

Nunes Water Treatment Plant (WTP) Access Road

District Engineer Jim Teter produced design specifications and bid documents for the Nunes WTP access road. These plans were reviewed by staff and will be sent out for bids in June.

Other Activities Update:

Main Street Supervisory Control and Data Acquisition (SCADA)

Calcon continued to work on the SCADA upgrade at Denniston, Nunes, Crystal Springs and the Administration Building in May. They relocated the Admin Building SCADA control to the Maintenance Shop until the remodel can be complete. The old telemetry panel was removed in May.

Muller Pipeline Extension

The Muller pipeline extension was completed, two meters were set and Pastorino's service was tapped into the new line. Presently awaiting installation and testing of the required backflow devices.

Sunrise Court

Received two bids for replacement of the 6" cast iron main on Sunrise Court and will be issuing contract documents to the low bidder in June. This pipeline has failed twice in the last 5 years. Paving from the last break will cost \$8-10,000 so we decided to replace the entire line now rather than wait for it to break again with subsequent pavement replacement.

Half Moon Bay Village Phase II

Crews worked with contractors on the abandonment of the existing 6" water line on Bloom Lane. They had to relocate an existing service and strategize with Segue Construction on the relocation of a gas main where it crosses the path of the new water main.

Regulatory Agency Interaction

California Department of Public Health (DPH)

There was no interaction with DPH in May.

Regional Water Quality Control Board (RWQCB)

There was no interaction with RWQCB in May.

Safety/Training/Inspections/Meetings

Meetings Attended

6 May - Met with Aaron Levinson and ATT representatives on proposed AT&T site at Hazen's Tank

7 May - Met with Jim Teter to go over upcoming projects
13 May - Met with City of Half Moon Bay to discuss Main Street Bridge Project
22 May - Met with El Granada Tank 2 uphill neighbor on fence alignment.
28 May - Met with Pat DelGavio to discuss space options for Operations Center
28 May - Met with treatment staff to go over data management software
28 May - Met with Paul Gregoria on potential ham operator radio antenna sites and ham operator station at treatment plants.
30 May - Met with EKI and jack and bore contractor on bridge bypass pipeline construction.

Tailgate safety sessions in September

5 May - Construction Site Safety
12 May - Lifting Tips
23 May - Safely Cutting Metal Pipe
27 May - Vehicle Safety: Check, Inspect, Drive!

CINTAS Safety Committee and Training

CINTAS Safety Committee meeting took place on 14 May. Sean Donovan was in attendance. Training in May was on Back Injury Prevention and Proper Lifting. Damrosch, Patterson, Duffy, Jahns, Sandoval, Schmidt, Donovan and Whelen were in attendance.

Training

Maintenance Supervisor John Davis attended a CalPERS information class on 20 May with Debra Barella and Joanne Whelen.

Projects

El Granada Tank 2 Renovation

All mechanical work for phase 2 has been completed and the tank will be filled on 5 June. Filling had been delayed when the drain valve, open since the tank was drained late last year, failed in the open position. The contractors are presently working on phase 3, which involves paving the driveway and site grounds, a new fence, removal of temporary tank and associated plumbing and installation of a new door on the pump house. We are also removing 6 trees adjacent to the back fence as well as the stumps near the road. The contractor will be making improvements to the driveway at El Granada Tank 3 since it was ruined by the storage of equipment at that site during the project.

STAFF REPORT

To: Board of Directors
From: Cathleen Brennan, Water Resources Analyst
Agenda: June 10, 2014
Report Date: June 5, 2014
Subject: Water Resources
Attachments: Outreach Tracking Sheet

This informational report includes: Water Use Efficiency Programs, Drought Outreach and a Water Supply Conditions Update.

Drought Outreach

As requested by the Board, the outreach tracking sheet is updated with activities and expenditures.

Water Supply Conditions Update

On January 31, 2014, the District's raw water wholesaler, SFPUC, called for a voluntary 10 percent curtailment of water use. In February of this year, the District implemented a voluntary request for a 10 percent reduction in water use by all customers under a Stage 1 - Water Shortage Advisory. The most recent water supply availability update from SFPUC calls for the continuation of the voluntary 10 percent water use reduction.

The District anticipates keeping this Advisory in place through December of 2014. Water supply conditions are being evaluated on a monthly basis. The SFPUC has broadcast that the Regional Wholesale Customers are not meeting the 10 percent curtailment request but they have seen a drop in water consumption over the last few weeks, so they are encouraged that the Regional Wholesale Customers can still meet the 10 percent reduction goal by December of 2014.

Water Use Efficiency Programs Planned for Fiscal Year 2015

Regional BAWSCA Programs	District Programs
High Efficiency Clothes Washer Rebate Program	Indoor Water Use Efficiency Ordinance
High Efficiency Residential Toilet Rebate Program	High Efficiency Commercial Toilet and Urinal Rebate Program
Lawn Be Gone! Rebate Program	Tours of the Nunes Water Treatment Plant - School Education
Tuolumne River Trust Classroom Program - School Education	School Education Materials
SFPUC-BAWSCA Regional Drought Outreach	High Bill Notification
	Public Outreach and Materials
	Water Loss Control and Auditing Program
	Planning for Implementation of Monthly Billing

Expenditures	2013						2014												2015						
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
\$14,752.10	Water Use Efficiency Rebates																								
\$8,010.11	High Efficiency Toilets and Urinals																								
\$6,741.99	High Efficiency Clothes Washers																								
\$0.00	Lawn Be Gone																								
\$34,672.00	Outreach Actions																								
\$0.00	Events																								
\$500.00	Pumpkin Festival																								
	Electronic Newsletter																								
	Landscape Eduation																								
	Water Shortage Advisory - Stage 1																								
	Voluntary 10% Curtailment																								
	Car Wash Coupon																								
\$0.00	Billing Statement Message																								
	10% voluntary																								
\$5,200.00	Safeway Shopping Carts																								
	Save Our Water Campaign																								
\$5,005.00	HMB Review Newspaper																								
	Water Shortage Advisory Article																								
	Water Shortage Advisory Article																								
	Voluntary 10% Article																								
	10% voluntary-Save Our Water																								
	Heightened Conservation Article																								
	How to Garden in a Drought																								
\$4,147.00	HMB Review Monthly Magazine																								
	When in Drought																								
	WaterSense Curb Water Waste																								
	10% Voluntary-Save Our Water																								
	How to Garden in a Drought																								
\$0.00	Social Media																								
	Facebook																								
	Twitter																								
\$0.00	Bulletin Board																								
	Save Our Water Poster																								
	Water Shortage Advisory																								
	What 10% Looks Like																								
	How to Garden in a Drought																								
\$19,120.00	Direct Mailings																								
	CCR																								
	218 Notice (10% Voluntary)																								
\$0.00	Billboard (Hwy 1 at Miramar)																								
	Not Available Until 2015																								
\$550.00	Special Outreach Materials																								
	Car Wash Coupons																								
	Water Saving Tips Brochures																								
\$90.00	Website																								
	Water Supply Conditions Table																								
	Water Shortage Advisory																								
\$60.00	Radio - KHMB AM 1710																								
	Interview with General Manager																								
\$0.00	Press Releases																								
	Voluntarily Curtail Water Use 10%																								
	Heightened Water Use Efficiency by Customers																								