

COASTSIDE COUNTY WATER DISTRICT

766 MAIN STREET

HALF MOON BAY, CA 94019

MEETING OF THE BOARD OF DIRECTORS

Tuesday, July 9, 2013 - 7:00 p.m.

AGENDA

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

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

This agenda and accompanying materials can be viewed on Coastside County Water District's website located at: www.coastsidewater.org.

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

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

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

4) 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 June 30, 2013:
Claims: \$598,785.65; Payroll: \$71,873.06; for a total of \$670,658.71 ([attachment](#))
➤ *June 2013 Monthly Financial Claims reviewed by Director Feldman*
- B. Acceptance of Financial Reports ([attachment](#))
- C. Approval of Minutes of June 11, 2013 Regular Board of Directors Meeting ([attachment](#))
- D. Installed Water Connection Capacity and Water Meters Report ([attachment](#))
- E. Total CCWD Production Report ([attachment](#))
- F. CCWD Monthly Sales by Category Report - June, 2013 ([attachment](#))
- G. June 2013 Leak Report ([attachment](#))
- H. Rainfall Reports ([attachment](#))
- I. San Francisco Public Utilities Commission Hydrological Conditions Report for June 2013 ([attachment](#))

5) MEETINGS ATTENDED / DIRECTOR COMMENTS

6) GENERAL BUSINESS

- A. Consider Approval of Resolution 2013-06 Establishing Appropriations Limit Applicable to District during Fiscal Year 2013-2014 ([attachment](#))
- B. Approval of Additional Water Treatment Position ([attachment](#))
- C. California Special Districts Association (CSDA) - 2013 Board Election - Region 3, Seat B ([attachment](#))
- D. Ordinance Modifying Section W of the District's General Regulations Regarding Water Service Pertaining to the Control of Backflow and Cross-Connections ([attachment](#))

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

- 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: 6/27/2013 - 3:23 PM



Check Number	Vendor No	Vendor Name	Check Date	Void Checks	Check Amount
18914	ALL04	ALLIED WASTE SERVICES #9:	06/06/2013	0.00	333.63
18915	COM02	COMCAST	06/06/2013	0.00	137.57
18916	HAL07	HALF MOON BAY POSTMAST	06/06/2013	0.00	3,000.00
18917	HAR03	HARTFORD LIFE INSURANCE	06/06/2013	0.00	1,827.66
18918	HAS01	HASSETT HARDWARE	06/06/2013	0.00	1,063.56
18919	COA26	COASTSIDE COUNTY WATER	VOID 06/10/2013	1.00	0.00
18920	COA27	COASTSIDE COUNTY WATER	VOID 06/10/2013	1.00	0.00
18921	COA28	COASTSIDE COUNTY WATER	VOID 06/10/2013	1.00	0.00
18922	COA29	COASTSIDE COUNTY WATER	VOID 06/10/2013	1.00	0.00
18923	COA30	COASTSIDE COUNTY WATER	VOID 06/10/2013	1.00	0.00
18924	ICM01	VANTAGEPOINT TRANSFER /	06/06/2013	0.00	40.00
18925	KAI01	KAISER FOUNDATION HEAL	06/06/2013	0.00	9,959.00
18926	PAC06	PACIFICA COMMUNITY TV	06/06/2013	0.00	250.00
18927	PUB01	PUB. EMP. RETIRE SYSTEM	06/06/2013	0.00	18,742.70
18928	SAN20	SAN FRANCISCO FIRE CREDI	06/06/2013	0.00	300.00
18929	STA03	CA DPH DRINKING WATER PI	06/06/2013	0.00	140.00
18930	VAL01	VALIC	06/06/2013	0.00	1,465.00
18931	COU05	RECORDER'S OFFICE	06/12/2013	0.00	50.00
18932	ASS01	HEALTH BENEFITS ACWA-JPI	06/21/2013	0.00	22,262.71
18933	ATT02	AT&T	06/21/2013	0.00	1,722.49
18934	HAR03	HARTFORD LIFE INSURANCE	06/21/2013	0.00	1,827.66
18935	ICM01	VANTAGEPOINT TRANSFER /	06/21/2013	0.00	29,416.00
18936	MET06	METLIFE SBC	06/21/2013	0.00	1,331.38
18937	PAC01	PACIFIC GAS & ELECTRIC CO	06/21/2013	0.00	40,646.19
18938	PUB01	PUB. EMP. RETIRE SYSTEM	06/21/2013	0.00	18,692.41
18939	SAN17	MIMA SANCHEZ-PARSONS	06/21/2013	0.00	140.76
18940	SAN20	SAN FRANCISCO FIRE CREDI	06/21/2013	0.00	300.00
18941	TEA02	TEAMSTERS LOCAL UNION #	06/21/2013	0.00	743.00
18942	UNI07	UNITED STATES POSTAL SER	06/21/2013	0.00	600.00
18943	VAL01	VALIC	06/21/2013	0.00	1,465.00
18944	ADP01	ADP, INC.	06/26/2013	0.00	975.13
18945	ADV02	FRANK YAMELLO	06/26/2013	0.00	235.00
18946	AND01	ANDREINI BROS. INC.	06/26/2013	0.00	2,478.00
18947	ASS08	ASSOC. CALIF. WATER AGEN	06/26/2013	0.00	9,738.00
18948	ATT03	AT&T LONG DISTANCE	06/26/2013	0.00	203.02
18949	AZT01	AZTEC GARDENS, INC.	06/26/2013	0.00	190.00
18950	BAY10	BAY ALARM COMPANY	06/26/2013	0.00	346.95
18951	BUB01	DAVID PEREIRA	06/26/2013	0.00	858.00
18952	CAL08	CALCON SYSTEMS, INC.	06/26/2013	0.00	5,986.74
18953	CAL11	CALIFORNIA C.A.D. SOLUTIO	06/26/2013	0.00	49,425.00
18954	CAR02	CAROLYN STANFIELD	06/26/2013	0.00	485.00
18955	CIT01	CITY OF HALF MOON BAY	06/26/2013	0.00	4,000.00
18956	COA14	COASTSIDE CARPET CLEANE	06/26/2013	0.00	495.00
18957	COA19	COASTSIDE COUNTY WATER	06/26/2013	0.00	253.03
18958	CSG01	CSG SYSTEMS, INC	06/26/2013	0.00	2,787.72

Check Number	Vendor No	Vendor Name	Check Date	Void Checks	Check Amount
18959	CUL01	CULLIGAN SANTA CLARA, C	06/26/2013	0.00	160.20
18960	DIA02	ALEJANDRINA DIAZ	06/26/2013	0.00	200.00
18961	FIR06	FIRST NATIONAL BANK	06/26/2013	0.00	603.28
18962	FOR02	FORTE PRESS CORPORATION	06/26/2013	0.00	5,799.89
18963	GEM01	GEMPLER'S, INC.	06/26/2013	0.00	1,305.25
18964	GRA03	GRAINGER, INC.	06/26/2013	0.00	2,900.97
18965	HAC01	HACH CO., INC.	06/26/2013	0.00	732.02
18966	HAL01	HMB BLDG. & GARDEN INC.	06/26/2013	0.00	329.07
18967	HAL04	HALF MOON BAY REVIEW	06/26/2013	0.00	480.00
18968	HAL23	HMB ALARM	06/26/2013	0.00	420.00
18969	HAL24	H.M.B.AUTO PARTS	06/26/2013	0.00	29.96
18970	HAN01	HANSONBRIDGETT. LLP	06/26/2013	0.00	3,755.00
18971	IRO01	IRON MOUNTAIN	06/26/2013	0.00	517.58
18972	IRV01	IRVINE CONSULTING SERVIC	06/26/2013	0.00	1,250.00
18973	IRV02	IRVINE CONSULTING SERVIC	06/26/2013	0.00	10,906.57
18974	JAC02	JACK HENRY & ASSOCIATES,	06/26/2013	0.00	2,450.00
18975	JJA01	JJACPA, INC	06/26/2013	0.00	2,137.50
18976	LOM01	GLENNA LOMBARDI	06/26/2013	0.00	86.00
18977	MCC01	JANICE MC CORKLE	06/26/2013	0.00	100.00
18978	MIS01	MISSION UNIFORM SERVICES	06/26/2013	0.00	318.99
18979	MON01	DARIN BOVILLE	06/26/2013	0.00	1,800.00
18980	MON07	MONTEREY COUNTY LAB	06/26/2013	0.00	13,686.00
18981	OCE02	OCEAN SHORE PRINTING CO.	06/26/2013	0.00	2,203.69
18982	OFF01	OFFICE DEPOT	06/26/2013	0.00	1,219.18
18983	ONT01	ONTRAC	06/26/2013	0.00	456.63
18984	PAU01	PAULO'S AUTO CARE	06/26/2013	0.00	92.44
18985	PIT04	PITNEY BOWES	06/26/2013	0.00	198.00
18986	POL01	POLLARDWATER.COM	06/26/2013	0.00	708.70
18987	PRI01	PRINCETON WELDING , INC.	06/26/2013	0.00	1,575.00
18988	RIC02	RICOH AMERICAS CORP	06/26/2013	0.00	823.94
18989	ROB01	ROBERTS & BRUNE CO.	06/26/2013	0.00	23,837.53
18990	ROG01	ROGUE WEB WORKS, LLC	06/26/2013	0.00	195.00
18991	SAN03	SAN FRANCISCO WATER DEP	06/26/2013	0.00	257,108.02
18992	SAN05	SAN MATEO CTY PUBLIC HE	06/26/2013	0.00	658.00
18993	SCH04	TODD SCHMIDT	06/26/2013	0.00	2,812.50
18994	SCH05	MICHELLE SCHMIDT	06/26/2013	0.00	100.00
18995	SIM02	SIMMS PLUMBING & WATER	06/26/2013	0.00	1,850.00
18996	STE02	JIM STEELE	06/26/2013	0.00	300.00
18997	STR02	STRAWFLOWER ELECTRONIC	06/26/2013	0.00	131.40
18998	TET01	JAMES TETER	06/26/2013	0.00	12,460.65
18999	UB*01152	JANET VAN SWOLL	06/26/2013	0.00	15.80
19000	UB*01153	MICHAEL SHORT	06/26/2013	0.00	23.50
19001	UB*01154	DUSTIN/MELODY DAVIS	06/26/2013	0.00	7.56
19002	UB*01155	DOROTHY CORDELL	06/26/2013	0.00	21.05
19003	UB*01156	ANDREW/DAYNA MYERS	06/26/2013	0.00	45.64
19004	UB*01157	GARY FLICKINGER	06/26/2013	0.00	72.70
19005	UNI15	UNIVAR USA INC	06/26/2013	0.00	5,132.43
19006	USA01	USA BLUE BOOK	06/26/2013	0.00	1,204.15
19007	VER02	VERIZON WIRELESS	06/26/2013	0.00	346.65
19008	WHE01	VIRGINIA WHELEN	06/26/2013	0.00	203.90
19009	ZLO01	JOHN ZLOKLIKOVITS	06/26/2013	0.00	100.00

Report Total:

5.00

598,785.65

COASTSIDE COUNTY WATER DISTRICT - PERIOD BUDGET ANALYSIS
30-Jun-13

ACCOUNT	DESCRIPTION	CURRENT ACTUAL	CURRENT BUDGET	B/(W) VARIANCE	B/(W) % VAR	YTD ACTUAL	YTD BUDGET	B/(W) VARIANCE	B/(W) % VAR
OPERATING REVENUE									
1-0-4120-00	Water Revenue -All Areas	814,133.19	745,192.00	68,941.19	9.3%	7,672,561.03	7,144,110.00	528,451.03	7.4%
TOTAL OPERATING REVENUE		814,133.19	745,192.00	68,941.19	9.3%	7,672,561.03	7,144,110.00	528,451.03	7.4%
NON-OPERATING REVENUE									
1-0-4170-00	Water Taken From Hydrants	1,858.84	2,083.37	(224.53)	-10.8%	23,252.69	25,000.00	(1,747.31)	-7.0%
1-0-4180-00	Late Notice -10% Penalty	4,297.18	4,163.00	134.18	3.2%	75,920.75	50,000.00	25,920.75	51.8%
1-0-4230-00	Service Connections	2,180.72	666.74	1,513.98	227.1%	15,901.36	8,000.00	7,901.36	98.8%
1-0-4920-00	Interest Earned	0.00	0.00	0.00	0.0%	3,264.47	3,540.00	(275.53)	-7.8%
1-0-4930-00	Tax Apportionments/Cnty Checks	54,039.16	0.00	54,039.16	0.0%	680,693.46	600,000.00	80,693.46	13.4%
1-0-4950-00	Miscellaneous Income	903.35	3,083.37	(2,180.02)	-70.7%	27,920.12	37,000.00	(9,079.88)	-24.5%
1-0-4955-00	Cell Site Lease Income	12,099.30	9,793.74	2,305.56	23.5%	128,682.85	117,524.00	11,158.85	9.5%
1-0-4965-00	ERAF REFUND -County Taxes	0.00	0.00	0.00	0.0%	311,572.00	100,000.00	211,572.00	0.0%
1-0-4990-00	Water Sales Refunded	0.00	0.00	0.00	0.0%	(103,376.66)	0.00	(103,376.66)	0.0%
TOTAL NON-OPERATING REVENUE		75,378.55	19,790.22	55,588.33	280.9%	1,163,831.04	941,064.00	222,767.04	23.7%
TOTAL REVENUES		889,511.74	764,982.22	124,529.52	16.3%	8,836,392.07	8,085,174.00	751,218.07	9.3%
OPERATING EXPENSES									
1-1-5130-00	Water Purchased	257,108.02	210,765.00	(46,343.02)	-22.0%	2,016,445.75	1,795,164.00	(221,281.75)	-12.3%
1-1-5230-00	Pump Exp, Nunes T P	2,013.67	2,151.00	137.33	6.4%	25,031.49	23,000.00	(2,031.49)	-8.8%
1-1-5231-00	Pump Exp, CSP Pump Station	28,963.53	3,262.00	(25,701.53)	-787.9%	274,327.22	215,207.00	(59,120.22)	-27.5%
1-1-5232-00	Pump Exp, Trans. & Dist.	1,281.52	942.00	(339.52)	-36.0%	12,104.00	11,300.00	(804.00)	-7.1%
1-1-5233-00	Pump Exp, Pilarcitos Can.	408.61	144.00	(264.61)	-183.8%	18,180.39	17,444.00	(736.39)	-4.2%
1-1-5234-00	Pump Exp. Denniston Proj.	7,375.08	13,161.00	5,785.92	44.0%	21,033.32	93,000.00	71,966.68	77.4%
1-1-5235-00	Denniston T.P. Operations	3,469.62	3,538.00	68.38	1.9%	28,254.15	25,000.00	(3,254.15)	-13.0%
1-1-5236-00	Denniston T.P. Maintenance	8,051.10	4,000.00	(4,051.10)	-101.3%	29,576.08	37,000.00	7,423.92	20.1%
1-1-5240-00	Nunes T P Operations	4,147.97	10,867.00	6,719.03	61.8%	78,701.30	98,212.00	19,510.70	19.9%
1-1-5241-00	Nunes T P Maintenance	2,608.87	3,333.37	724.50	21.7%	44,155.11	40,000.00	(4,155.11)	-10.4%
1-1-5242-00	CSP Pump Station Operations	911.40	712.00	(199.40)	-28.0%	9,858.71	8,500.00	(1,358.71)	-16.0%
1-1-5243-00	CSP Pump Station Maintenance	1,009.29	3,337.00	2,327.71	69.8%	33,506.16	40,000.00	6,493.84	16.2%
1-1-5250-00	Laboratory Services	14,800.63	4,167.00	(10,633.63)	-255.2%	41,790.42	50,000.00	8,209.58	16.4%
1-1-5318-00	Studies/Surveys/Consulting	4,950.00	5,667.60	717.60	12.7%	6,285.00	68,000.20	61,715.20	90.8%
1-1-5321-00	Water Conservation	2,741.03	6,187.00	3,445.97	55.7%	25,888.76	74,200.00	48,311.24	65.1%
1-1-5322-00	Community Outreach	10,849.89	2,937.00	(7,912.89)	-269.4%	33,656.99	35,200.00	1,543.01	4.4%
1-1-5411-00	Salaries & Wages -Field	74,334.10	75,793.77	1,459.67	1.9%	935,526.05	985,319.00	49,792.95	5.1%
1-1-5412-00	Maintenance -General	15,105.35	13,650.00	(1,455.35)	-10.7%	170,863.78	163,800.00	(7,063.78)	-4.3%

ACCOUNT	DESCRIPTION	CURRENT ACTUAL	CURRENT BUDGET	B/(W) VARIANCE	B/(W) % VAR	YTD ACTUAL	YTD BUDGET	B/(W) VARIANCE	B/(W) % VAR
1-1-5414-00	Motor Vehicle Expense	469.05	3,730.00	3,260.95	87.4%	68,157.35	44,650.00	(23,507.35)	-52.6%
1-1-5415-00	Maintenance -Well Fields	0.00	500.00	500.00	100.0%	14,307.90	6,000.00	(8,307.90)	-138.5%
1-1-5610-00	Salaries/Wages-Administration	48,316.02	50,978.79	2,662.77	5.2%	633,711.54	662,724.00	29,012.46	4.4%
1-1-5620-00	Office Supplies & Expense	9,158.87	10,890.00	1,731.13	15.9%	138,132.66	130,625.00	(7,507.66)	-5.7%
1-1-5621-00	Computer Services	4,352.52	6,250.00	1,897.48	30.4%	56,881.17	75,000.00	18,118.83	24.2%
1-1-5625-00	Meetings / Training / Seminars	220.00	1,666.74	1,446.74	86.8%	14,417.46	20,000.00	5,582.54	27.9%
1-1-5630-00	Insurance	15,602.83	6,250.00	(9,352.83)	-149.6%	109,538.94	125,000.00	15,461.06	12.4%
1-1-5635-00	EE/Ret. Medical Insurance	31,218.50	37,656.87	6,510.37	17.3%	363,702.53	451,882.00	88,179.47	19.5%
1-1-5640-00	Employees Retirement Plan	35,236.33	37,428.44	2,192.11	5.9%	449,500.26	486,569.00	37,068.74	7.6%
1-1-5645-00	SIP 401K Plan	29,376.00	30,000.00	624.00	0.0%	29,376.00	30,000.00	624.00	0.0%
1-1-5681-00	Legal	3,251.00	5,000.00	1,749.00	35.0%	39,028.80	60,000.00	20,971.20	35.0%
1-1-5682-00	Engineering	948.66	1,166.74	218.08	18.7%	5,641.69	14,000.00	8,358.31	59.7%
1-1-5683-00	Financial Services	0.00	2,500.00	2,500.00	0.0%	13,775.00	26,000.00	12,225.00	0.0%
1-1-5684-00	Payroll Tax Expense	9,396.13	9,066.73	(329.40)	-3.6%	114,579.82	117,867.00	3,287.18	2.8%
1-1-5687-00	Membership, Dues, Subscript.	200.94	5,366.74	5,165.80	96.3%	46,533.98	64,400.00	17,866.02	27.7%
1-1-5688-00	Election Expenses	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
1-1-5689-00	Labor Relations	0.00	500.00	500.00	100.0%	0.00	6,000.00	6,000.00	100.0%
1-1-5700-00	San Mateo County Fees	0.00	0.00	0.00	0.0%	14,099.28	15,900.00	1,800.72	0.0%
1-1-5705-00	State Fees	0.00	0.00	0.00	0.0%	11,231.94	18,600.00	7,368.06	0.0%
TOTAL OPERATING EXPENSES		627,876.53	573,565.79	(54,310.74)	-9.5%	5,927,801.00	6,135,563.20	207,762.20	3.4%
CAPITAL ACCOUNTS									
1-1-5711-00	Debt Srvc/Existing Bonds 1998A	0.00	0.00	0.00	0.0%	267,415.59	265,273.00	(2,142.59)	0.0%
1-1-5712-00	Debt Srvc/Existing Bonds 2006B	0.00	0.00	0.00	0.0%	482,731.90	481,296.00	(1,435.90)	0.0%
1-1-5715-00	Debt Srvc/CIEDB 11-099 (I-BANK)	0.00	0.00	0.00	0.0%	353,640.56	353,641.00	0.44	0.0%
TOTAL CAPITAL ACCOUNTS		0.00	0.00	0.00	0.0%	1,103,788.05	1,100,210.00	(3,578.05)	-0.3%
TOTAL EXPENSES		627,876.53	573,565.79	(54,310.74)	-9.5%	7,031,589.05	7,235,773.20	204,184.15	2.8%
NET INCOME		261,635.21		1,804,803.02					

**COASTSIDE COUNTY WATER DISTRICT
MONTHLY INVESTMENT REPORT
June 30, 2013**

RESERVE BALANCES

CAPITAL AND OPERATING RESERVE	\$2,478,811.14
RATE STABILIZATION RESERVE	\$250,000.00
TOTAL DISTRICT RESERVES	\$2,728,811.14

ACCOUNT DETAIL

ACCOUNTS WITH FIRST NATIONAL BANK (FNB)	
CHECKING ACCOUNT	\$1,106,080.72
CSP T & S ACCOUNT	\$606,361.85
LOCAL AGENCY INVESTMENT FUND (LAIF) BALANCE	\$1,015,738.57
DISTRICT CASH ON HAND	\$630.00
TOTAL ACCOUNT BALANCES	\$2,728,811.14

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

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

6/30/2013

		Approved CIP Budget FY 12/13	Actual To Date FY 12/13	Projected Year-End FY 12/13	Projected vs. Budget Variance	% Completed	Project Status/ Comments
PIPELINE PROJECTS							
06-01	Avenue Cabrillo Phase 1 (Construction)	\$ 550,000	424,439	\$ 425,000	\$ 125,000	100%	Complete
07-03	Pilarcitos Canyon Pipeline Replacement	\$ 100,000	18,515	\$ 75,000	\$ 25,000	19%	Feasibility study, CEQA re qd by SFPUC
	Main Street Pipeline Replacement Project	\$ 90,000			\$ 90,000	0%	Depends on HMB
	Railroad Avenue Pipeline Replacement Project	\$ 148,000	152,098	\$ 152,098	\$ (4,098)	100%	Complete
	Avenue Portola Pipeline Replacement Project	\$ 100,000	18,837	\$ 18,837	\$ 81,163	95%	Complete except for final paving
WATER TREATMENT PLANTS							
99-05	Denniston Intake Maintenance	\$ 31,000	\$ 32,305	\$ 32,305	\$ (1,305)	100%	Completed
	Denniston - Intake Construction	\$ 100,000		\$ -	\$ 100,000	100%	Replaced screens during intake maintenance
	Denniston - Treated Water Booster Station	\$ 200,000			\$ 200,000	0%	Moved to FY 13/14
	Nunes Flash Mixer	\$ 15,000	\$ 17,840	\$ 17,840	\$ (2,840)	50%	Mixer received, staff to install
	Nunes SCADA Integration	\$ 75,000	\$ 2,538	\$ 2,538	\$ 72,462	0%	Have Received Calcon Proposal
	Nunes Sludge Ponds Level Indication	\$ 15,000	\$ 10,272	\$ 10,272	\$ 4,728	100%	Complete
	Nunes - Replace Washwater Return Pump #2	\$ 25,000	\$ 24,048	\$ 24,048	\$ 952	100%	Complete
FACILITIES & MAINTENANCE							
08-08	PRV Valves Replacement Program	\$ 20,000	\$ 49,544	\$ 49,544	\$ (29,544)		Ongoing
99-01	Meter Change Program	\$ 30,000			\$ 30,000	0%	
09-09	Fire Hydrant Replacement	\$ 20,000	\$ 8,301	\$ 8,301	\$ 11,699		Ongoing
09-23	District Digital Mapping	\$ 50,000	\$ 99,026	\$ 99,026	\$ (49,026)	100%	GPS locating District assets
EQUIPMENT PURCHASE & REPLACEMENT							
99-03	Computer System	\$ 6,000	\$ 12,744	\$ 12,744	\$ (6,744)	100%	Server Upgrade Purchase
99-04	Office Equipment/Furniture	\$ 3,000	\$ 1,104	\$ 1,104	\$ 1,896	100%	
06-03	SCADA / Telemetry / Electrical Controls	\$ 750,000	\$ 3,901	\$ 3,900	\$ 746,000	0%	
	Dump Truck	\$ 100,000	\$ 135,986	\$ 135,986	\$ (35,986)	100%	Arrived 11/30/2012
PUMP STATIONS / TANKS / WELLS							
	Crystal Springs Rebuild Spare 500 HP	\$ 25,000	\$ 38,162	\$ 38,162	\$ (15,000)	100%	Complete
	Crystal Springs Surge Tank Control Improvements	\$ 30,000			\$ 30,000	0%	Merged with CSPPS New Air Control for Surge Tank - Moved to FY 13/14
	Crystal Springs Check Valve Replacement	\$ 25,000	\$ 12,024	\$ 12,024	\$ 12,976	48%	In progress
	CSPPS New Air Control for Surge Tank	\$ 50,000			\$ 50,000	0%	Merged with CSPPS Surge Tank Controls Improvements - Moved to FY 13/14
06-05	Well Rehabilitation - Denniston #2	\$ 35,000		\$ -	\$ 35,000	0%	Spring 2013
08-14	Alves Tank Recoating (Interior/Exterior)	\$ 100,000			\$ 100,000	0%	Postpone to FY14
	Alves Tank Altitude Valve	\$ 50,000			\$ 50,000	0%	Postpone to FY14
	EG Tank #2 Electrical Panel Upgrade & Pump	\$ 50,000	\$ 30,529	\$ 30,529	\$ 19,000	100%	Complete
08-17	EG Tank #2 Recoat & Ladder	\$ 200,000	\$ 40,881	\$ 40,881	\$ 159,119	20%	Moved to FY 13/14
	EG Tank #2 Fence Replacement	\$ 25,000			\$ 25,000	0%	Included in EG Tank No. 2 Recoating Project
	Pump Station Chlorine Analyzer Replacements (4)	\$ 10,000			\$ 10,000	100%	Complete (FY 11/12)
	Pilarcitos Canyon Blending Station	\$ 20,000	\$ 29,997	\$ 29,997	\$ (9,997)	75%	Flow probe received, Calcon will install
DENNISTON WTP (LONG-TERM) IMPROVEMENT							
08-23	Denniston WTP Improvement Project	\$ 1,500,000	\$ 3,469,873	\$ 3,469,873	\$ (1,969,873)	100%	Plant startup January 2013

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

6/30/2013

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

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

FY 12-13 TOTALS \$ 4,873,000 \$ 4,632,962 \$ 4,690,009 \$ 180,582

Previous CIP Projects - paid in FY 12/13

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

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

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

CSP Intake Tunnel Modifications		\$ 41,983				Complete
EG Pipeline Leak at Arroyo de en Medio		\$ 2,096				Complete
Stone Dam Emergency Pipeline Replacement		\$ 166,807				Begin work on November 14, 2012
Cahill Tank Repairs		\$ 8,537				
Main Street Bridge Replacement Project		\$ 544				
San Benito Street Pipeline Replacment		\$ 423				
Nunes Hydropneumatic System Improvements		\$ 1,775				FY 13/14 Budgeted Item

NON-BUDGETED TOTALS \$ - \$ 222,164 \$ - \$ -

CIP TOTALS \$ 4,873,000 \$ 5,014,038 \$ 4,690,009

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

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

Month	Admin (General Legal Fees)	Water Supply Develpmnt	Transfer Program	CIP	Denniston WTP Improvements Project	Personnel	Lawsuits	Infrastructure Project Review (Reimbursable)	TOTAL
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Jul-12	2,553		410	473				737	4,173
Aug-12	5,351		410					2,375	8,135
Sep-12	7,664		382						8,046
Oct-12	1,304		328	2,862					4,493
Nov-12	1,709	2,675		928				410	5,722
Dec-12	2,457	710		382					3,549
Jan-13	901							519	1,420
Feb-13	3,195			55				491	3,741
Mar-13	6,782	364						56	7,202
Apr-13	1,981	420						2,100	4,501
May-13	5,493			527					6,020
Jun-13	3,503		252						3,755

TOTAL	42,891	4,169	1,781	5,228	0	0	0	6,688	60,757
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**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
Jul-12	240	8,948	1,183	10,371	1,183
Aug-12	480	459	1,099	2,038	
Sep-12	480	9,600	1,775	11,855	1,775
Oct-12	649	5,762	3,033	9,444	3,033
Nov-12	480	4,627	3,141	8,247	3,141
Dec-12	360	8,362	23	8,744	23
Jan-13	480	11,243		11,723	
Feb-13	502	8,604	187	9,292	187
Mar-13	360	5,671	169	6,200	169
Apr-13	903	3,987	646	5,535	646
May-13	480	1,604	3,557	5,640	5,640
Jun-13	949	2,518	8,994	12,461	8,994
TOTAL	6,362	71,386	23,804	101,552	24,790

COASTSIDE COUNTY WATER DISTRICT

766 MAIN STREET

HALF MOON BAY, CA 94019

MINUTES OF THE BOARD OF DIRECTORS MEETING

Tuesday, June 11, 2013

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

Also present were: David Dickson, General Manager, Joe Guistino, Superintendent of Operations, 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:** There were no public comments.

- 4) **SPECIAL ORDER OF BUSINESS - FISCAL YEAR 2013-2014 BUDGET, FISCAL YEAR 2013/2014 TO 2022/23 CAPITAL IMPROVEMENT PROGRAM, (CIP) RESOLUTION AMENDING THE RATE AND FEE SCHEDULE**

A. Staff Presentation

Noting that the budget package presented is the same as the Board first examined in April, Mr. Dickson proceeded to review the budget presentation, including budget and CIP highlights. He next reviewed the process of how the proposed rate increase is determined, illustrated the impact of a 9% increase on a typical water bill and reiterated staff's recommendation for this 9% rate increase and approval of the budgets as presented.

Mr. Dickson also advised that he had included placeholders in the operating expenses for two new additional staff positions, which have not yet been approved by the Board. He explained that the additional much needed water treatment position would most likely be promoted within current District staff, with the hiring of a new lower level maintenance worker position. He also

recapped the interest in a potential Assistant General Manager for Finance and Administration position. Mr. Dickson indicated that a 7% rate increase would be sufficient if the Assistant GM position was not included. Board discussion ensued, with Mr. Dickson answering a few questions from the Board about the current proposed budget.

B. Public Hearing

President Coverdell opened the Public Hearing at 7:27 p.m., noting that any members of the public could address the Board on the subject. The 22 letters of protest received in response to the Proposition 218 notice were acknowledged and the Public Hearing was closed at 7:29 p.m. There were no comments expressed from any members of the public.

C. Board Comments / Board Action

Director Feldman stated that he had come prepared to recommend a rate increase lower than the proposed 9%, and suggested consideration of a 7% rate increase and suggested that the consideration of the additional administrative position be delayed at this time.

ON MOTION BY Director Feldman and seconded by Director Hannegan, the Board voted unanimously, by roll call vote, to adopt Resolution 2013-04, which would be amended to reflect an increase of 7% in the Rate and Fee Schedule:

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

ON MOTION BY Director Hannegan and seconded by Vice-President Reynolds, the Board then voted unanimously, by roll call vote, to approve the Fiscal Year 2013-2014 Operations and Maintenance Budget and Fiscal Year 2013/2014 to 2022/2023 Capital Improvement Program:

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

5) CONSENT CALENDAR

- A.** Approval of disbursements for the month ending May 31, 2013:
Claims: \$514,065.03; Payroll: \$70,822.37; for a total of \$584,887.40

- B. Acceptance of Financial Reports
- C. Approval of Minutes of May 14, 2013 Regular Board of Directors Meeting
- D. Monthly Water Transfer Report
- E. Installed Water Connection Capacity and Water Meters Report
- F. Total CCWD Production Report
- G. CCWD Monthly Sales by Category Report – May, 2013
- H. May 2013 Leak Report
- I. Rainfall Reports
- J. San Francisco Public Utilities Commission Hydrological Conditions Report for May 2013

Vice-President Reynolds reported that he had reviewed the monthly financial claims and found all to be in order. President Coverdell stated that it would be helpful if staff could make a notation each month on the agenda as to which Director had been assigned to review the monthly claims.

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

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

6) MEETINGS ATTENDED / DIRECTOR COMMENTS

Vice-President Reynolds mentioned that he had attended a recent meeting regarding the Identification of Sources of Fecal Pollution Impacting the Pillar Point Harbor. Director Feldman and President Coverdell reported their attendance at a recent meeting of the Montara Water and Sanitary District and Coastside County Water District Mutual Interest Committee.

7) GENERAL BUSINESS

A. Kennedy/Jenks Proposal for Hydraulic Model Update and Analysis

Mr. Dickson provided the background of this project, informing the Board that in order to fulfill the objective of distributing the Denniston Water Treatment Plant's full production throughout the District, a booster station needs to be constructed to increase pipeline capacity from the plant to El

Granada Tank # 1. He further explained that staff believes that hydraulic modeling of the District's system, based on an update of the District's existing model, will provide the essential pump station and pipeline design information to help ensure that the overall system will work as anticipated.

Discussion ensued, with President Coverdell commenting that he would like to eventually see a staff member trained to operate the model. Vice-President Reynolds agreed and suggested that Kennedy/Jenks work closely with District staff on the modeling and inquired whether that aspect was part of the proposed. Craig Thompson from Kennedy/Jenks responded that he would have to review the scope of work further in order to address the question. Director Mickelsen stated that he was pleased to see the model put into use again, as it had proven to be a very valuable resource in the past in determining and confirming the pipeline size necessary with the construction of the El Granada Pipeline.

ON MOTION BY Director Hannegan and seconded by Director Mickelsen, the Board voted unanimously, to authorize the General Manager to execute an agreement with Kennedy/Jenks for a Hydraulic Model Update and Analysis for a time and materials cost not to exceed \$46,430:

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

B. Agreement with California Conservation Corps for Work Related to Denniston Annual Maintenance Dredging

Mr. Guistino introduced this agenda item, and explained the nature and extent of the manual labor necessary to cut through the heavy vegetation between Denniston Road and the stream in order to access the stream channel. He advised that the California Conservation Corps (CCC) a work, service, training and development program for young adults, is highly specialized in environmental, natural resources and conservation projects and their crews have received extensive training in working in sensitive habitats. He further explained that the requirement in Resolution 2012-01 to solicit sealed competitive bids needs to be waived and authorization provided to the General Manager to enter into an agreement with the CCC to perform manual vegetation removal in connection with the District's annual

maintenance dredging of Denniston Reservoir, for a time and materials cost not to exceed \$37,797.

ON MOTION BY Vice-President Reynolds and seconded by Director Mickelsen, the Board voted unanimously, to waive the requirement in Resolution 2012-01 to solicit sealed competitive bids and to authorize the General Manager to enter into an agreement with California Conservation Corps to perform manual vegetation removal in connection with the District's annual maintenance dredging of Denniston Reservoir, for a time and materials cost not to exceed \$37,797:

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

C. Award of Contract for El Granada Tank 2 Rehabilitation Project

Mr. Guistino also recapped this project, describing the present condition of the tank, the rehabilitation work required, and the complicated process necessary to make the repairs. Mr. Guistino then answered a few questions from the Board about the nature of the repairs.

ON MOTION BY Vice-President Reynolds and seconded by Director Hannegan, the Board voted unanimously, to authorize the General Manager to contract with Paso Robles Tank Inc. to rehabilitate El Granada Tank # 2 for a cost of \$535,000:

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

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

Mr. Dickson reminded the Board that action had been taken at a previous CCWD Board meeting to appoint Director Mickelsen to these two positions,

and that it was now necessary to administer the Oath of Office to him. Mr. Miyaki noted that the record should reflect that one Oath of Office will suffice for both positions. President Coverdell then administered the Oath of Office to Director Mickelsen to serve as a member of both the BAWSCA and RFA Board of Directors.

President Coverdell commented that he was honored to have Director Mickelsen serve on the BAWSCA Board once again and that he has heard some impressive comments about Director Mickelsen's previous contributions as a BAWSCA Board member.

E. Adopt Resolution 2013-05 Calling for and Giving Notice of a Regular District Election

Mr. Dickson advised that this Resolution is a required step in the San Mateo County Election process.

ON MOTION BY Vice-President Reynolds and seconded by Director Hannegan, the Board voted unanimously, to adopt Resolution 2013-05 Calling for and Giving Notice of a Regular District Election to be held on Tuesday, November 5, 2013 and Requesting the County Elections Department Conduct the Election:

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

8) GENERAL MANAGER'S REPORT

Mr. Dickson expressed his appreciation to the Board for excusing him from attending the June Board meeting, due to his vacation schedule and thanked Mr. Guistino for filling in for him.

- **CCWD - MWSD Mutual Interest Committee Meeting**

Mr. Dickson reported on the very positive meeting, which focused on the next steps in implementing the Mutual Emergency Water Supply Agreement between the two Districts. He advised that the Committee agreed that the next step would be for the managers of both agencies to define the scope of a

preliminary engineering study for an interconnection between the districts. The idea was also discussed to possibly include North Coast Water District in Pacifica in this concept. President Coverdell and Director Feldman also agreed that it was a very positive and encouraging meeting.

A Operations Report

Mr. Guistino shared some monthly highlights, including the successful operation of the Denniston Water Treatment Plant, an update on the Avenue Portola Main Replacement Project, and the renewed progress with the District's Cross Connection Program with the recent assistance from JoAnne Whelen.

B. Water Resources Report

Ms. Brennan provided an update on the District's Water Usage Efficiency efforts and explained some of the regional conservation program participation with BAWSCA, as well as the programs implemented by the District to promote the efficient use of water. She also advised that staff would soon begin work to update the District's Water Shortage Contingency Plan.

9) DIRECTOR AGENDA ITEMS - REQUESTS FOR FUTURE BOARD MEETINGS

Director Hannegan suggested that at some point in the future, staff provide an update to the Board on the District's progress, historically and currently, related to water conservation and entertain some additional options on how the programs could possibly be expanded.

Vice-President Reynolds recommended that the Board revisit the District's education outreach programs in terms of how the District communicates with the customers and community, which prompted discussion and a request from the Board to review and update the District's Communication Plan within the next few months.

10) ADJOURNMENT

ON MOTION BY President Mickelsen, and seconded by Vice-President Reynolds, the Board voted, to adjourn the June 11, 2013 meeting of the Coastside County Water District's Board of Directors:

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

The meeting was adjourned at 8:58 p.m. The next meeting of the Coastside County Water District's Board of Directors will be on Tuesday, July 9, 2013.

Respectfully submitted,

David R. Dickson, General Manager
Secretary of the District

Ken Coverdell, President
Board of Directors

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

FY 2013

Installed Water Connection Capacity	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
HMB Non-Priority													
0.5" capacity increase													0
5/8" meter					1		4	1	1	3			10
3/4" meter		2	2		1		1						6
1" meter									1				1
2" meter									1				1
3" meter									1		1		2
HMB Priority													
0.5" capacity increase													0
5/8" meter													0
3/4" meter													0
1" meter													0
1 1/2" meter													0
2" meter													0
County Non-Priority													
5/8" meter													0
3/4" meter						1							1
1" meter													0
County Priority													
5/8" meter													0
3/4" meter													0
1" meter													0
Monthly Total	0	2	2	0	2	1	5	1	4	3	1	0	21

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

Installed Water Meters	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Totals
HMB Non-Priority		3	3		2.5		5.5	1	29	3.5	8		55.5
HMB Priority													0
County Non-Priority						1.5							1.5
County Priority													0
Monthly Total	0	3	3	0	2.5	1.5	5.5	1	29	3.5	8	0	57

TOTAL CCWD PRODUCTION (MG) ALL SOURCES- FY 2013

	PILARCITOS WELLS	PILARCITO S LAKE	DENNISTON WELLS	DENNISTON RESERVOIR	CRYSTAL SPRINGS RESERVOIR	RAW WATER TOTAL	UNMETERED WATER	TREATED TOTAL
JUL	0.00	20.63	0.00	0.00	44.25	83.09	-0.13	83.22
AUG	0.00	18.98	0.00	0.00	42.67	79.21	1.13	78.08
SEPT	0.00	0.00	0.00	0.00	57.31	75.57	-0.04	75.61
OCT	0.00	0.00	0.00	0.00	48.48	66.51	0.21	66.30
NOV	3.74	0.00	0.00	0.00	46.21	49.95	0.41	49.54
DEC	4.6	15.25	0.00	0.00	13.35	41.06	0.08	40.98
JAN	7.64	30.77	0.00	2.00	0.10	40.511	0.17	40.34
FEB	13	23.31	0.00	1.73	7.59	45.63	0.92	44.71
MAR	13.43	23.52	0.00	8.08	3.35	48.38	0.17	48.21
APR	0.00	2.57	0.00	12.99	46.99	62.55	0.48	62.06
MAY	0.00	0.00	0.50	7.51	75.27	83.28	1.01	82.27
JUN	0	0.00	0.17	7.25	62.13	69.55	0.52	69.03
TOTAL	42.41	135.03	0.67	39.56	447.70	745.29	4.95	740.34
% MONTHLY TOTAL	0.00%	0.00%	0.25%	10.50%	90.01%	100.00%	0.75%	99.25%
% ANNUAL TO DATE TOTAL	5.7%	18.1%	0.1%	5.3%	60.1%	89.3%	0.66%	99.3%

Taken from Nunes WTP meter minus well production plus skylawn use

12 Month Running Treated Total 740.34

TOTAL CCWD PRODUCTION (MG) ALL SOURCES- FY 2012

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

COASTSIDE COUNTY WATER DISTRICT

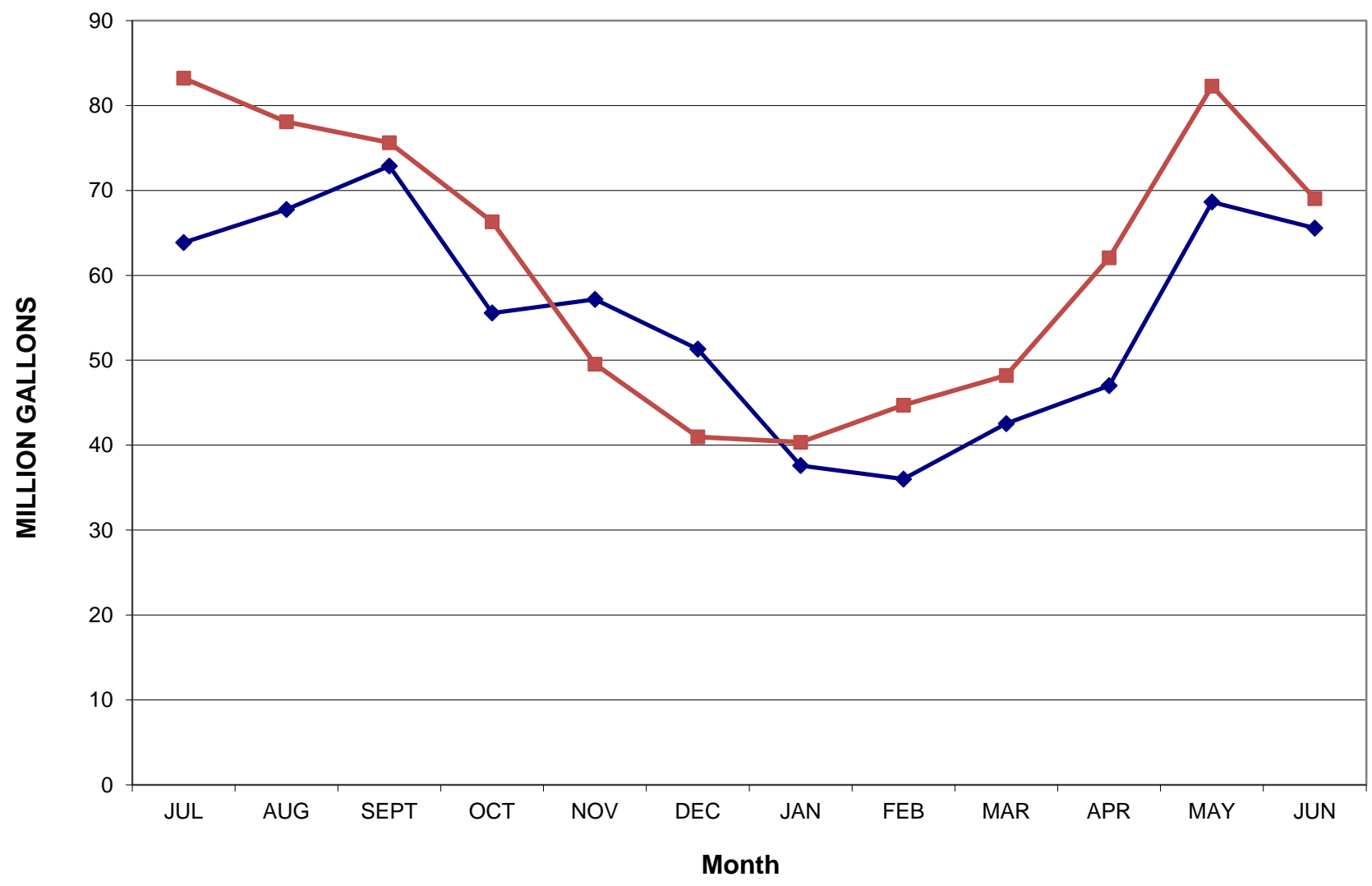
Predicted vs Actual Production - All Sources FY 13

	Denniston Surface			Denniston Wells			Pilarcitos Wells			Pilarcitos Surface			SFWD CSP			SFWD Total	
	Actual MG	Predicted MG	pred-act	Actual MG	Predicted MG	pred-act	Actual MG	Predicted MG	pred-act	Actual MG	Predicted MG	pred-act	Actual MG	Predicted MG	pred-act	Actual MG	Predicted MG
Jul-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.63	60.52	39.89	44.25	0.00	-44.25	83.09	60.52
Aug-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.98	73.96	54.98	42.67	0.00	-42.67	79.21	73.96
Sep-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.47	30.47	57.31	34.64	-22.67	75.57	65.11
Oct-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.37	11.37	48.48	58.32	9.84	66.51	69.69
Nov-11	0.00	6.24	6.24	0.00	2.40	2.40	3.74	9.72	5.98	0.00	0.00	0.00	46.21	29.25	-16.96	46.21	29.25
Dec-11	0.00	11.44	11.44	0.00	2.62	2.62	4.60	9.72	5.12	15.25	0.00	-15.25	13.35	23.00	9.65	41.06	23.00
Jan-12	2.00	16.49	14.49	0.00	2.62	2.62	7.64	10.47	2.83	30.77	0.00	-30.77	0.10	11.87	11.77	36.27	11.87
Feb-12	1.73	16.49	14.76	0.00	2.62	2.62	13.00	11.97	-1.03	23.31	0.00	-23.31	7.59	18.33	10.74	30.90	18.33
Mar-12	8.08	16.30	8.22	0.00	2.62	2.62	13.43	14.21	0.78	23.53	8.48	-15.05	3.35	0.00	-3.35	26.88	8.48
Apr-12	12.99	16.49	3.50	0.00	2.62	2.62	0.00	0.00	0.00	2.57	25.31	22.74	46.99	0.00	-46.99	49.56	25.31
May-12	7.51	13.04	5.53	0.50	2.62	2.12	0.00	0.00	0.00	0.00	34.31	34.31	75.27	0.00	-75.27	75.27	34.31
Jun-12	7.25	5.66	-1.59	0.17	2.62	2.45	0.00	0.00	0.00	0.00	56.72	56.72	62.13	0.00	-62.13	62.13	
MG Totals	39.56	102.15	62.59	0.67	20.74	20.07	42.41	56.09	13.68	135.03	301.14	166.11	447.70	175.41	-272.29	672.66	419.83

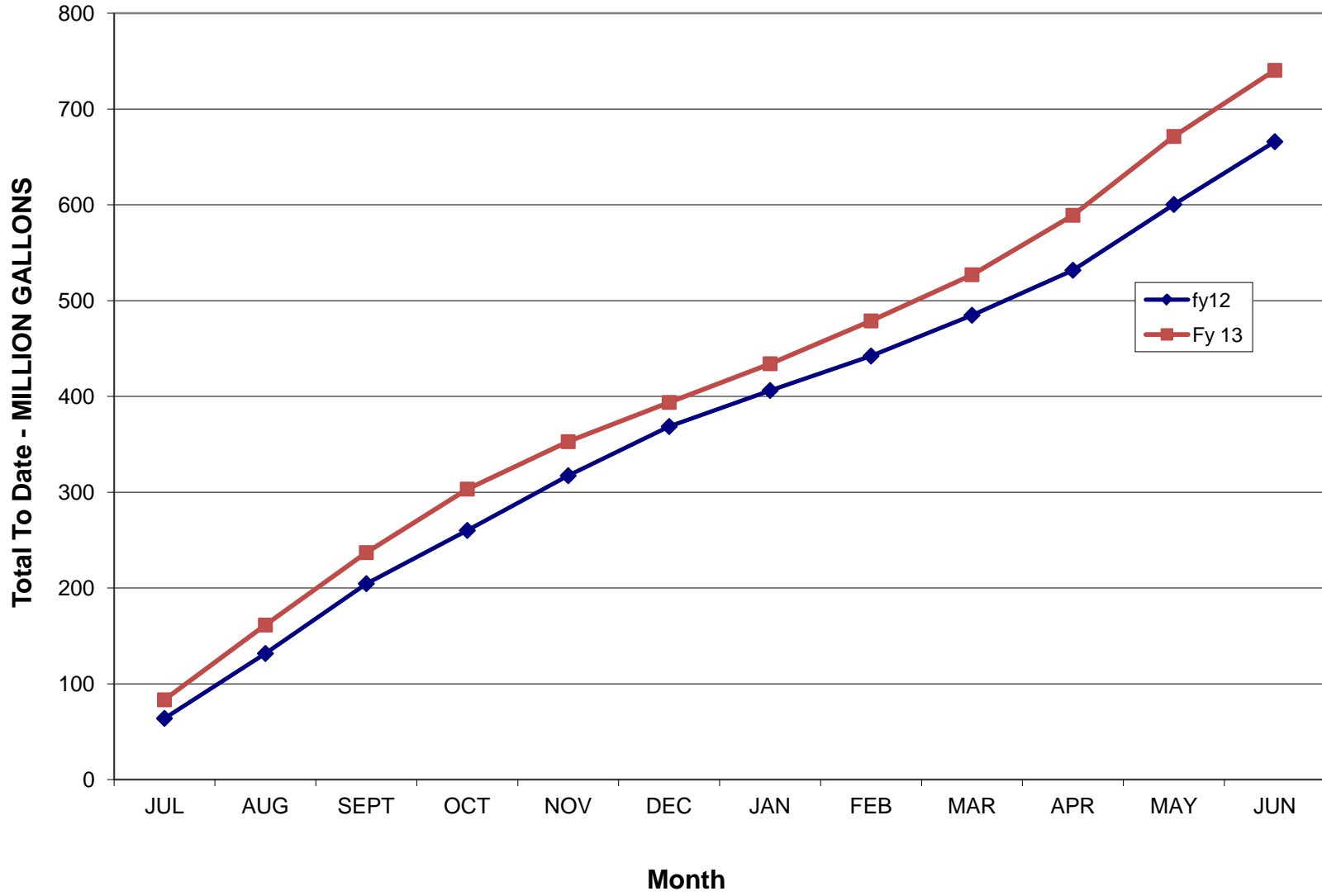
Adjusted (estimated for meter failure)

	Actual non SFPUC	Predicted non SFPUC	Actual SFPUC	Predicted SFPUC	TOTAL Actual	TOTAL Predicted	TOTAL Pred-act
	82.64	178.98	582.74	476.55	665.38	655.53	-9.85
% Total	12.42%	27.30%	87.58%	72.70%	101.50%		

Monthly Production FY 12 vs. FY 13



Cumulative Production FY 12 vs. FY13



Plant Water Use*			Unmetered Water						2013		MG	
	Denniston Plant	Nunes Plant	Total	Main Flushing	Detector Checks*	Main Breaks	Fire Dept	Miscellaneous	Tank Level Difference	Total		
JAN	0.202	0.000	0.202	0.088	0.052	0.072	0.002	0.003	-0.248	0.574		
FEB	0.077	0.000	0.077	0.616	0.015	0.027	0.002	0.000	0.033	0.924		
MAR	0.000	0.000	0.000	0.022	0.052	0.032	0.002	0.000	0.063	0.171		
APR	0.086	0.000	0.086	0.023	0.010	0.002	0.002	0.000	0.445	0.740		
MAY	0.105	0.000	0.105	0.000	0.056	0.007	0.002	0.007	0.622	1.008		
JUN	0.281	0.000	0.281	0.065	0.008	0.067	0.001	0.007	-0.467	0.524		
JUL	0.000		0.000							0.000		
AUG	0.000		0.000							0.000		
SEP	0.000		0.000							0.000		
OCT	0.000		0.000							0.000		
NOV	0.000		0.000							0.000		
DEC	0.000		0.000							0.000		
TOTAL	0.75	0.00	0.75	0.81	0.19	0.21	0.01	0.02	0.45	3.94		

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

	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	MG to Date
RESIDENTIAL	27.258	49.337	26.440	47.479	22.875	30.920	17.464	33.048	18.619	34.940	24.142	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	0.019	0.432	0.102	0.304	0.000	0.200	0.000	0.144	0.000	0.131	0.000	0.381	1.71
TOTAL - MG	72.24	75.21	65.70	71.00	43.03	44.38	37.49	46.89	41.53	53.76	56.00	73.97	681.22

Non Residential Usage	44.982	25.876	39.262	23.523	20.156	13.459	20.031	13.844	22.912	18.817	31.861	26.363	
Running 12 Month Total													681.22
12 mo Ave Residential	30.75	31.14	31.32	31.55	31.77	31.72	31.40	30.99	30.97	31.19	31.48	31.68	
12 mo Ave Non Residential	23.80	24.34	24.95	25.08	24.65	24.71	24.34	24.31	24.17	24.48	24.84	25.09	
Total	54.55	55.48	56.26	56.63	56.42	56.43	55.74	55.30	55.13	55.67	56.33		

FY 2012

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

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

Coastside County Water District Monthly Leak Report

Date	Location	Pipe Class	Pipe Size & Type	Est. Water Loss (Gallons)*	Material Cost	Employee hours		Manpower and Equipment Costs	Total Costs
6/4/13	Grandview X Bancroft HMB	m	2"	60,000	Total \$709.61	4	6	\$1,200	\$4,259.61
								\$2,350	
								\$3,550	
6/6/2013	685 Santiago EG.	s	1"plastic	5,000	Total \$43.28	4	3	\$600	\$1,568.28
								\$925	
								\$1,525	
6/9/2013	Francisco St EG	s	3/4 plastic	2,000	Total \$59.88	3	4	\$600	\$1,659.88
								\$1,000	
								\$1,600	
								\$0	\$0.00
					Total			\$0	
								\$0	
								\$0	\$0.00
					Total			\$0	
								\$0	
								\$0	\$0.00
					Total			\$0	
								\$0	

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

Total Water Loss	0.0670 MG	Total Cost	\$7,487.77
-------------------------	------------------	-------------------	-------------------

staff	\$50/hr
backhoe	\$50/hr
service truck	\$50/hr
dumptruck	\$50/hr
supvisor time	\$75/hr
pickup truck	\$25/hr

Pipe Class

S= Service

M= Main

T= Transmission

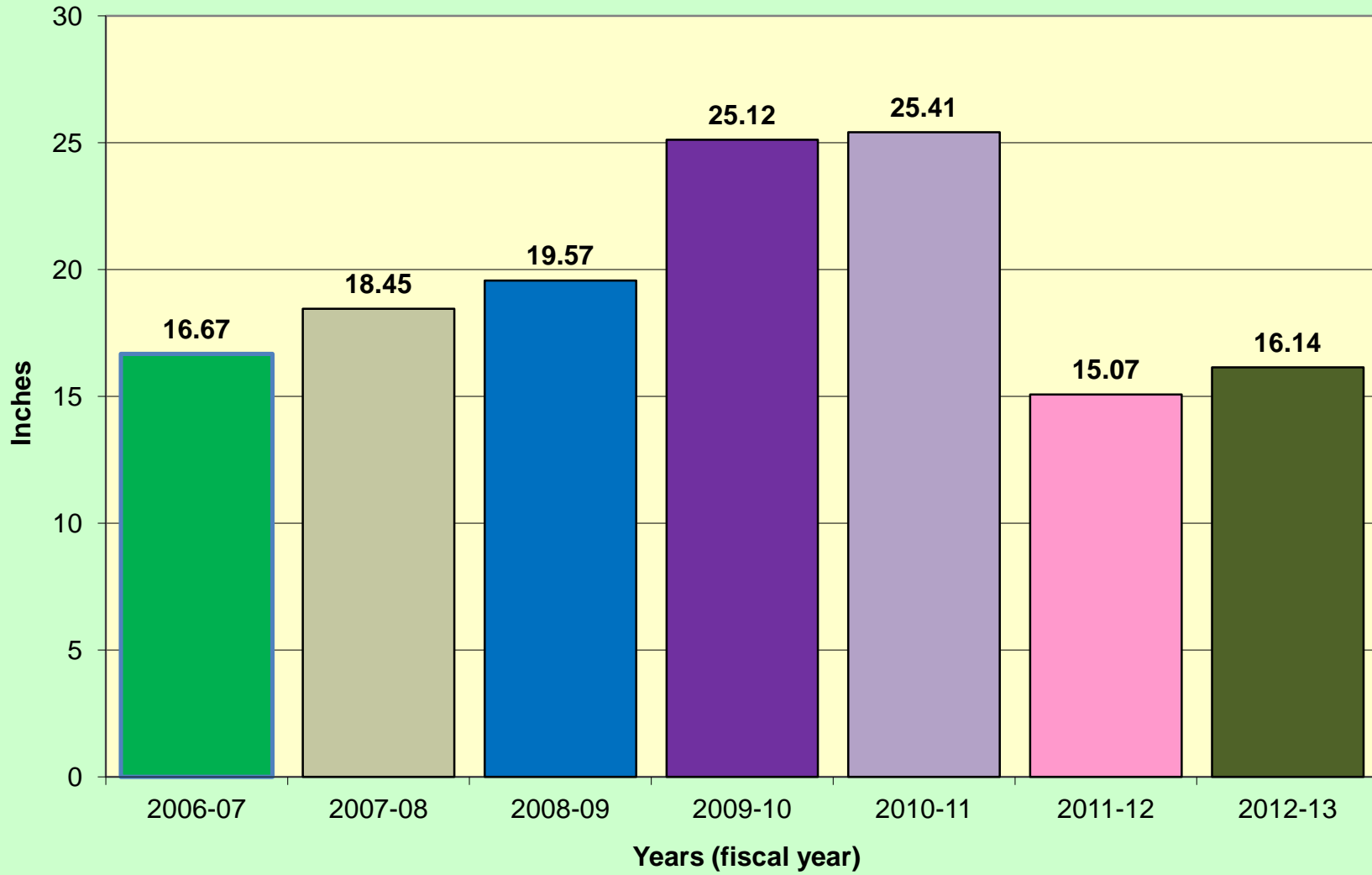
O=Other

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

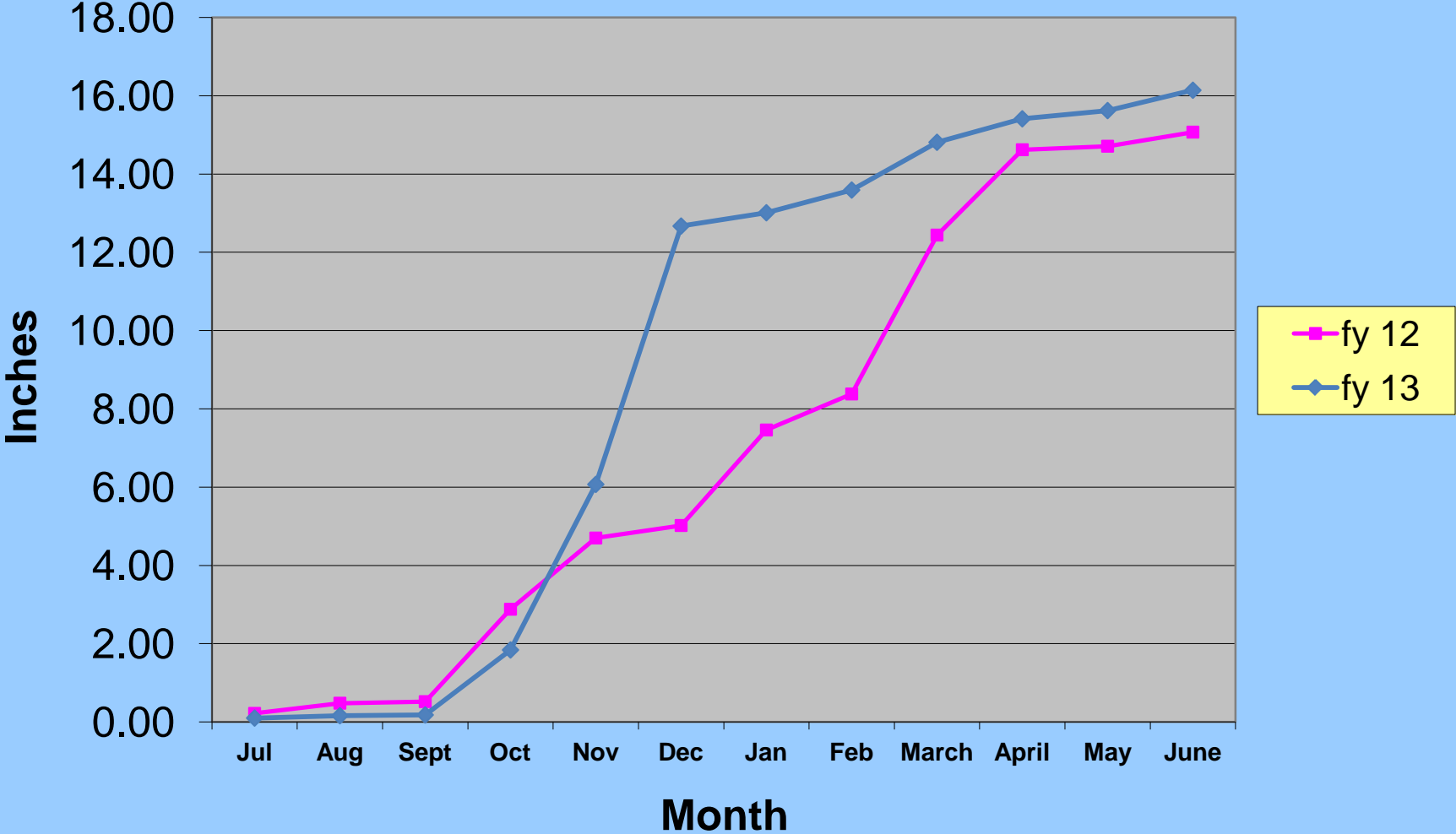
District Office
 Rainfall in Inches

	2012						2013					
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June
1	0.01	0	0	0	0.39	0.71	0.02	0	0	0.12	0	0
2	0	0	0	0	0.01	0.87	0	0	0	0	0	0
3	0	0.01	0	0	0	0.01	0	0	0	0.01	0	0
4	0	0	0	0	0	0.01	0	0	0	0.38	0	0
5	0	0.01	0	0	0	0.43	0.13	0	0.1	0.01	0	0
6	0	0	0	0	0	0	0	0	0.13	0.02	0	0
7	0	0	0	0	0	0	0.01	0.16	0.3	0.02	0	0
8	0	0	0	0	0.15	0.02	0.01	0.19	0.03	0	0	0
9	0	0	0	0.02	0.01	0	0.04	0	0	0	0	0
10	0	0	0	0.1	0	0	0.02	0	0	0	0	0
11	0	0	0	0.04	0	0.09	0	0	0	0.00	0	0.01
12	0	0	0	0.03	0	0.26	0	0	0	0	0	0.01
13	0	0	0	0	0	0.01	0	0	0	0	0	0
14	0.02	0	0	0.01	0	0.02	0	0	0.01	0.02	0	0
15	0	0	0	0	0	0.1	0	0	0	0.01	0	0
16	0.01	0	0	0	0.25	0.04	0	0	0	0	0	0.00
17	0	0	0	0.01	0.57	0.41	0	0	0	0	0	0
18	0	0	0	0	0.01	0	0	0	0	0	0	0.02
19	0	0	0	0.01	0	0	0	0.21	0.06	0	0	0
20	0	0	0	0.02	0.21	0	0	0.01	0.12	0	0	0
21	0	0.01	0	0.01	0.36	0.54	0	0	0	0	0	0
22	0	0.01	0	0.93	0.01	0.45	0	0	0	0	0	0.03
23	0	0	0	0.06	0	1.6	0.1	0.01	0	0.01	0	0.15
24	0	0	0	0.27	0	0.06	0	0	0	0	0	0.08
25	0	0	0	0.01	0	0.28	0	0	0	0	0	0.16
26	0	0	0	0	0.01	0.13	0.01	0	0	0	0.06	0.03
27	0.02	0	0	0	0	0	0	0	0.03	0	0.08	0.01
28	0	0	0.01	0	0.49	0.31	0	0	0.05	0	0.07	0
29	0.04	0	0.01	0.01	0.08	0.25	0		0.01	0	0	0.01
30	0	0	0	0.01	1.68	0	0		0.33	0	0	0.01
31	0	0.02		0.12		0	0		0.05		0	
Mon.Total	0.10	0.06	0.02	1.66	4.23	6.60	0.34	0.58	1.22	0.60	0.21	0.52
Year Total	0.10	0.16	0.18	1.84	6.07	12.67	13.01	13.59	14.81	15.41	15.62	16.14

Rain Totals FY 2013



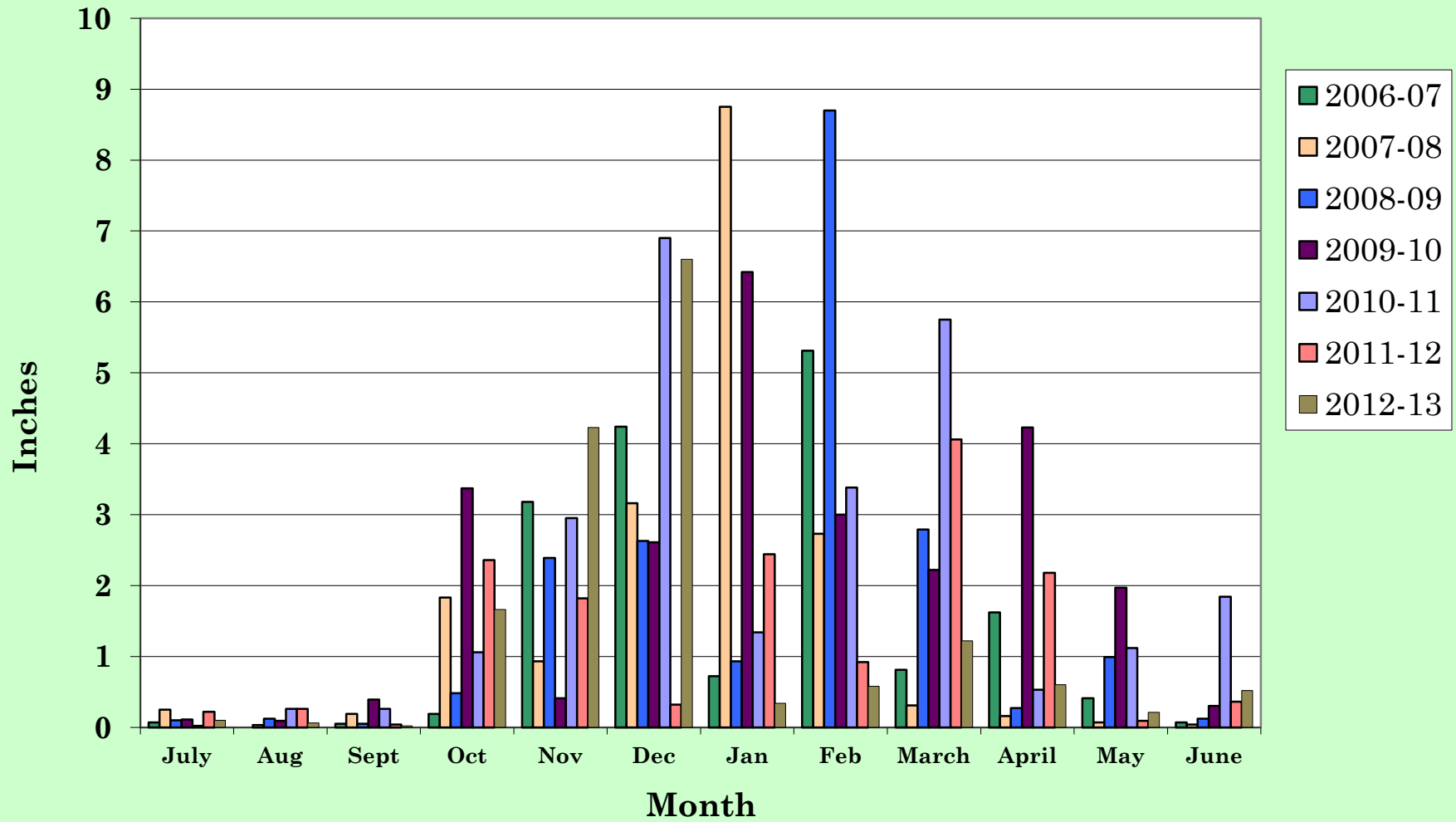
Rainfall Totals FY 2013



Coastside County Water District

Rainfall by Month

July '12 thru Jun '13



RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climatological)
Half Moon Bay

STATE
CA

COUNTY
San Mateo

MONTH
Jun 2013

RIVER

TEMPERATURE AT OBSERVATION
16:00

PRECIPITATION
16:00

STANDARD TIME IN USE
NORMAL POOL STAGE

ELEVATION OF RIVER
GAGE ZERO

FLOOD STAGE

NORMAL POOL STAGE

DATE	TEMPERATURE		24 HR AMOUNTS		AT OB		PRECIPITATION		WEATHER (Observation Day)												RIVER STAGE		REMARKS (SPECIAL OBSERVATIONS, ETC.)
	MAX	MIN	Rain, melted snow, etc. (in hundredths)	Snow, ice pellets, hail (in hundredths)	Snow, ice pellets, hail (in hundredths)	Ice on ground (in)	A.M.	NOON	P.M.	Fog	Ice pellets	Glaze	Thunder	Hail	Damaging Winds	Time of occurrence if different from above	Condition	Gage reading at ____ AM	Tendency				
1	65	42	0.00	0.00																			
2	63	50	0.00	0.00																			
3	65	53	0.00	0.00																			
4	65	47	0.00	0.00																			
5	63	45	0.00	0.00																			
6	63	51	T																				
7	64	52	0.00	0.00																			
8	64	47	0.00	0.00																			
9	66	55	0.00	0.00																			
10	68	54	0.00	0.00																			
11	66	52	0.00	0.00																			
12	63	44	0.00	0.00																			
13	63	51	0.00	0.00																			
14	64	41	0.00	0.00																			
15	62	51	0.00	0.00																			
16	64	52	0.00	0.00																			
17	62	47	0.00	0.00																			
18	63	53	0.00	0.00																			
19	63	53	T																				
20	64	44	0.00	0.00																			
21	65	48	0.00	0.00																			
22	65	44	0.00	0.00																			
23	65	54	0.11																				
24	62	53	0.16																				
25	66	56	0.19																				
26	69	57	0.07																				
27	70	56	0.01																				
28	71	50	0.00	0.00																			
29	70	50	0.00	0.00																			
30	70	51	0.00	0.00																			
31																							
65.1	50.1	SUM	0.54																				

CHECK BAR (for wire weight) NORMAL CHECK BAR

READING DATE

CONDITION OF RIVER AT GAGE

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

OBSERVER

Thund
Glaze
Ice pel
Fog

Hail
Dams
Winds

SUPERVISING OFFICE
MTR San Francisco

STATION INDEX NO.
04-3714-04

MONTHLY CLIMATOLOGICAL SUMMARY for JUN. 2013

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

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

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	55.4	64.2	1:30p	44.7	6:00a	9.6	0.0	0.00	1.8	12.0	1:30p	W
2	53.4	58.4	3:00p	50.0	7:00a	11.6	0.0	0.00	2.5	15.0	2:30p	W
3	57.5	66.0	3:30p	50.3	12:00m	7.6	0.0	0.00	3.9	21.0	2:30p	WSW
4	55.8	65.1	2:00p	47.7	4:30a	9.2	0.0	0.00	2.3	13.0	1:00p	WSW
5	55.4	59.0	3:30p	52.8	12:30a	9.6	0.0	0.00	1.9	9.0	12:30p	W
6	54.8	61.2	12:30p	51.5	7:00a	10.2	0.0	0.01	2.2	10.0	1:00p	W
7	55.2	62.5	3:30p	50.5	12:00m	9.8	0.0	0.00	1.5	10.0	11:30a	W
8	56.8	65.2	1:30p	48.2	4:00a	8.2	0.0	0.00	3.1	18.0	5:30p	WSW
9	58.8	64.2	2:00p	56.4	4:00a	6.2	0.0	0.00	5.1	17.0	1:30p	WSW
10	60.1	68.0	2:00p	55.3	11:00p	5.1	0.3	0.00	3.5	17.0	2:30p	WSW
11	56.1	62.2	2:00p	48.8	12:00m	8.9	0.0	0.01	1.9	12.0	1:30p	W
12	54.5	61.9	4:30p	45.8	5:00a	10.5	0.0	0.01	3.0	19.0	4:30p	W
13	56.1	63.4	4:00p	48.8	12:00m	8.9	0.0	0.00	2.9	16.0	3:30p	W
14	54.2	62.7	2:30p	44.2	6:30a	10.8	0.0	0.00	1.9	13.0	3:00p	W
15	53.1	55.6	3:00p	50.9	7:00a	11.9	0.0	0.00	1.7	9.0	4:30p	W
16	54.7	59.5	3:00p	50.3	12:00m	10.3	0.0	0.00	2.6	14.0	4:00p	W
17	55.6	60.4	2:00p	49.4	2:00a	9.4	0.0	0.00	1.6	12.0	2:30p	W
18	56.9	61.7	12:30p	53.9	2:00a	8.1	0.0	0.02	2.3	18.0	12:00m	W
19	57.9	63.5	4:30p	54.0	5:00a	7.1	0.0	0.00	4.0	18.0	3:30p	WNW
20	55.9	62.4	4:00p	45.6	6:30a	9.1	0.0	0.00	3.1	17.0	3:00p	W
21	56.2	62.2	4:30p	49.5	12:00m	8.8	0.0	0.00	2.4	14.0	1:30p	W
22	56.0	63.5	5:00p	47.1	5:30a	9.0	0.0	0.03	2.5	15.0	2:30p	W
23	57.8	62.5	4:00p	54.4	3:30a	7.2	0.0	0.15	1.9	9.0	4:30p	WSW
24	56.7	59.8	10:30p	54.6	3:30a	8.3	0.0	0.08	1.2	11.0	5:30p	W
25	62.3	68.9	4:30p	58.8	6:00a	2.9	0.2	0.16	2.2	14.0	2:00p	WSW
26	63.6	69.5	2:30p	58.2	7:00a	2.4	1.0	0.03	1.2	10.0	1:30p	W
27	62.1	73.8	5:30p	55.0	6:00a	4.3	1.4	0.01	1.7	14.0	4:00p	W
28	59.4	67.9	3:00p	52.3	6:00a	5.7	0.2	0.00	1.3	10.0	1:00p	W
29	61.3	69.6	3:30p	52.2	6:00a	4.6	0.9	0.01	1.6	11.0	2:30p	W
30	59.4	64.6	6:30p	52.3	6:30a	5.6	0.0	0.01	1.7	12.0	1:30p	W
	57.1	73.8	27	44.2	14	240.9	4.0	0.53	2.3	21.0	3	W

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

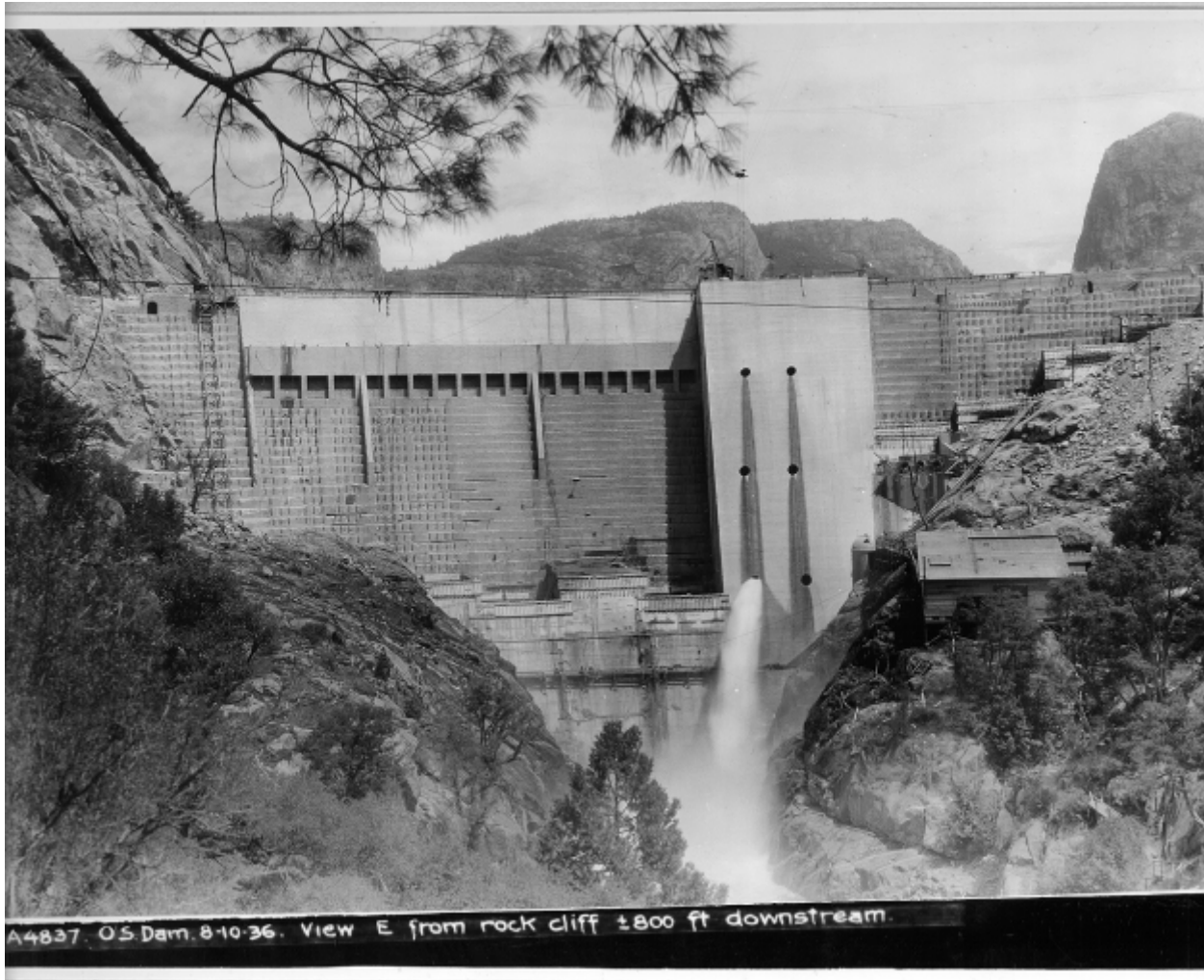
Max Rain: 0.16 ON 06/25/13

Days of Rain: 6 (>.01 in) 2 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

San Francisco Public Utilities Commission Hydrological Conditions Report For June 2013

J. Chester, C. Graham, A. Mazurkiewicz, & M. Tsang, July 3, 2013



O'Shaughnessy Dam under construction (circa 1936) of the second lift of the dam raising it to the current crest height.

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

Table 1 Current Storage As of July 1, 2013							
Reservoir	Current Storage		Maximum Storage		Available Capacity		Percent of Maximum Storage
	Acre-Feet	Millions of Gallons	Acre-Feet	Millions of Gallons	Acre-Feet	Millions of Gallons	
Tuolumne System							
Hetch Hetchy ¹	359,960		360,340		380		99.9%
Cherry ²	261,955		273,340		11,385		95.8%
Lake Eleanor ³	23,448		27,100		3,652		86.5%
Water Bank	392,424		570,000		177,576		68.8%
Tuolumne Storage	1,037,787		1,230,780		192,993		84.3%
Local Bay Area Storage							
Calaveras ⁴	17,767	5,789	96,824	31,550	79,057	25,761	18.3%
San Antonio	38,950	12,692	50,496	16,454	11,546	3,762	77.1%
Crystal Springs	52,652	17,157	58,377	19,022	5,725	1,865	90.2%
San Andreas	15,584	5,078	18,996	6,190	3,412	1,112	82.0%
Pilarcitos	2,719	886	2,995	976	276	90	90.8%
Total Local Storage	127,672	41,602	227,688	74,192	100,016	32,590	56.1%
Total System	1,165,459		1,458,468		293,009		79.9%

¹ Maximum Hetch Hetchy Reservoir storage with drum gates activated.

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

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

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

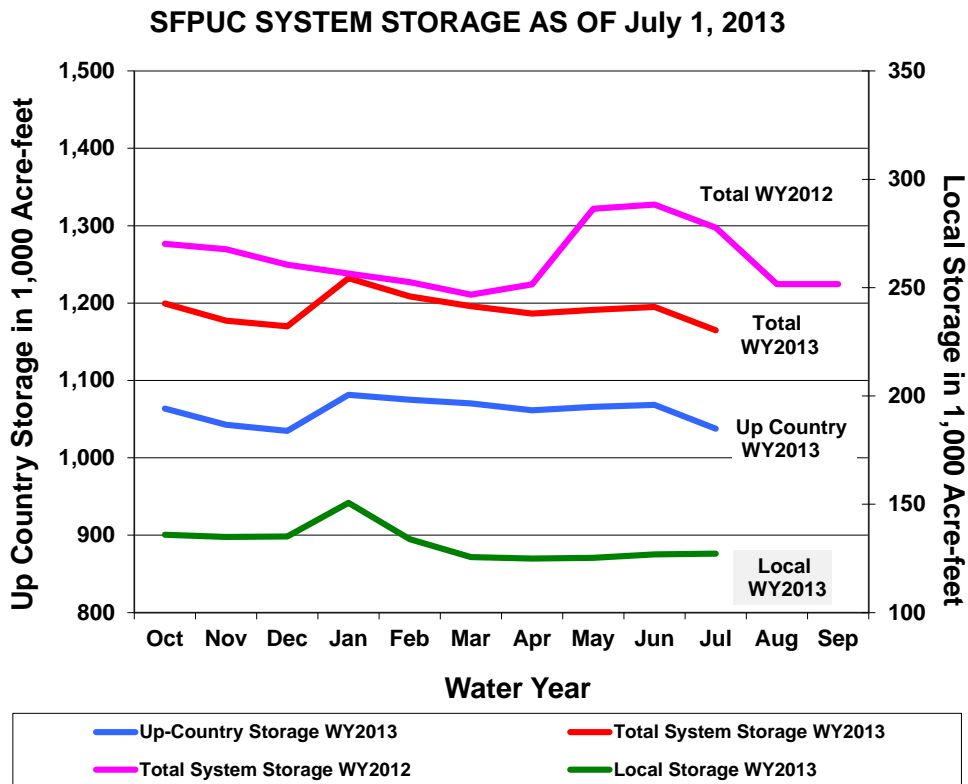


Figure 1: Monthly system storage for WY2013

Hetch Hetchy System Precipitation Index ^{5/}

Current Month: The June six-station precipitation index is 0.44 inch, or 88.3% of the average index for the month.

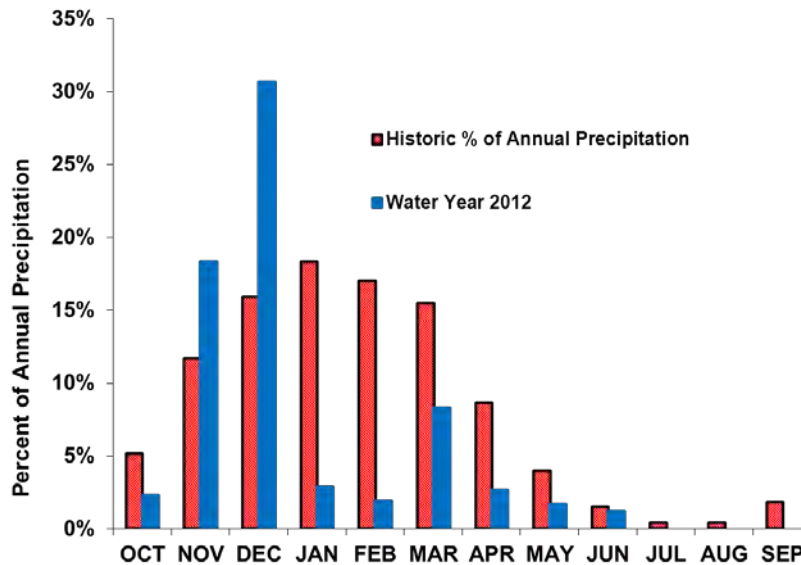


Figure 2: Monthly distribution of the Hetch Hetchy Six-station precipitation index as percent of the annual average precipitation.

Cumulative Precipitation to Date: The accumulated six-station precipitation index for water year 2013 is 25.01 inches, which is 70.3% of the average annual water year total, or 71.8% of the average annual-to-date. Hetch Hetchy received 0.39 inches of precipitation in June, for a water year total of 26.2 inches. This was the sixth consecutive month with below average precipitation. The cumulative Hetch Hetchy precipitation is shown in Figure 3 in red.

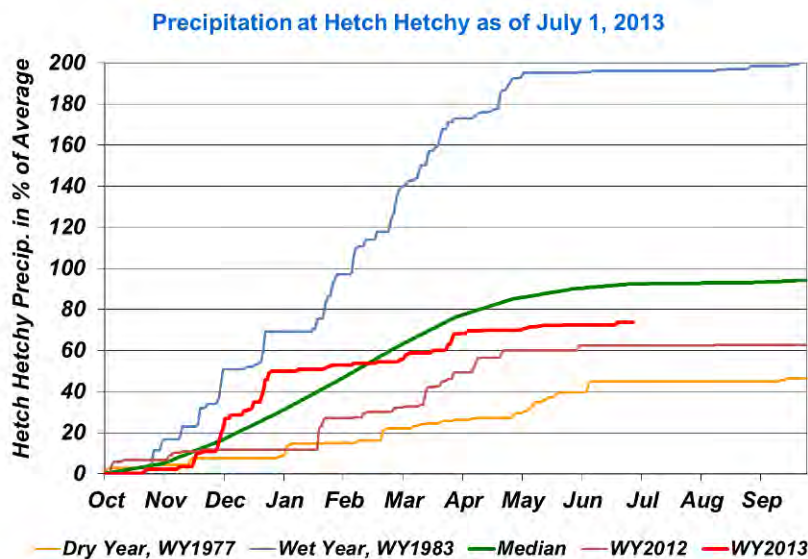


Figure 3. Water year 2013 cumulative precipitation measured at Hetch Hetchy Reservoir through June 30th, 2013. Precipitation at the Hetch Hetchy gauge for wet, dry, median, and WY 2012 are included for comparison purposes.

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

Tuolumne Basin Unimpaired Inflow

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

	June 2013				October 1, 2012 through June 30, 2013			
	Observed Flow	Median ⁶	Average ⁶	Percent of Average	Observed Flow	Median ⁶	Average ⁶	Percent of Average
Inflow to Hetch Hetchy Reservoir	62,212	214,908	209,594	29.7%	455,378	658,002	652,903	69.7%
Inflow to Cherry Reservoir and Lake Eleanor	22,132	79,897	88,510	25.0%	328,514	426,035	423,888	77.5%
Tuolumne River at La Grange	96,754	327,849	349,975	27.6%	1,055,070	1,587,025	1,684,365	62.6%
Water Available to the City	1,129	150,375	192,188	0.6%	153,885	586,959	732,029	21.0%

⁶ Hydrologic Record: 1919 – 2010

Hetch Hetchy System Operations

Draft and releases from Hetch Hetchy Reservoir in June totaled 51,249 acre-feet which met SJPL deliveries, instream release requirements, and additional releases through power generation to manage projected snowmelt runoff.

24,337 acre-feet of power draft was made at Cherry Reservoir to manage reservoir elevation and to meet recreational releases. Generation met municipal load, Class 1, Airport tenants/Norris, and other accounts throughout the month. About 10,937 acre-feet of water was transferred from Lake Eleanor to Cherry Reservoir in June.

The current water year instream release schedule is Type B (or below normal conditions) after June 1st. This is based upon accumulated precipitation and runoff in water year 2013 starting October 1st, 2012. The June requirement from Hetch Hetchy reservoir was 110 cfs, plus an additional 64 cfs when powerdraft was above 920 cfs. Required releases at Cherry Reservoir were 5 cfs and 20 cfs at Lake Eleanor.

Local System Treatment Plant Production

The Sunol Valley Water Treatment Plant (SVWTP) average production rate for June was 6 MGD. All SVWTP source water for the month was from the San Joaquin Pipelines. The Harry Tracy Water Treatment Plant average production rate was 32 MGD.

Local System Water Delivery

Water deliveries in June were up 3% over the May delivery rate. The average delivery rate for June was 261 MGD, the May rate was 253 MGD.

Local Precipitation

The month of June was predominantly dry. Of interest was the late-month weather system which produced an uncommon amount of precipitation over the Pilarcitos and Lower Crystal Springs watersheds. The east bay watersheds received little precipitation from this system. The June rainfall summary is presented in Table 3.

Reservoir	Month Total (inches)	Percentage of Normal for the Month	Water Year To Date ⁷ (inches)	Percentage of Normal for the Year-to-Date ⁷
Pilarcitos	0.66	200 %	28.43	74%
Lower Crystal Springs	0.20	133 %	18.83	71 %
Calaveras	0.02	14 %	14.17	66 %

⁷ WY 2013: Oct. 2012 through Sep. 2013

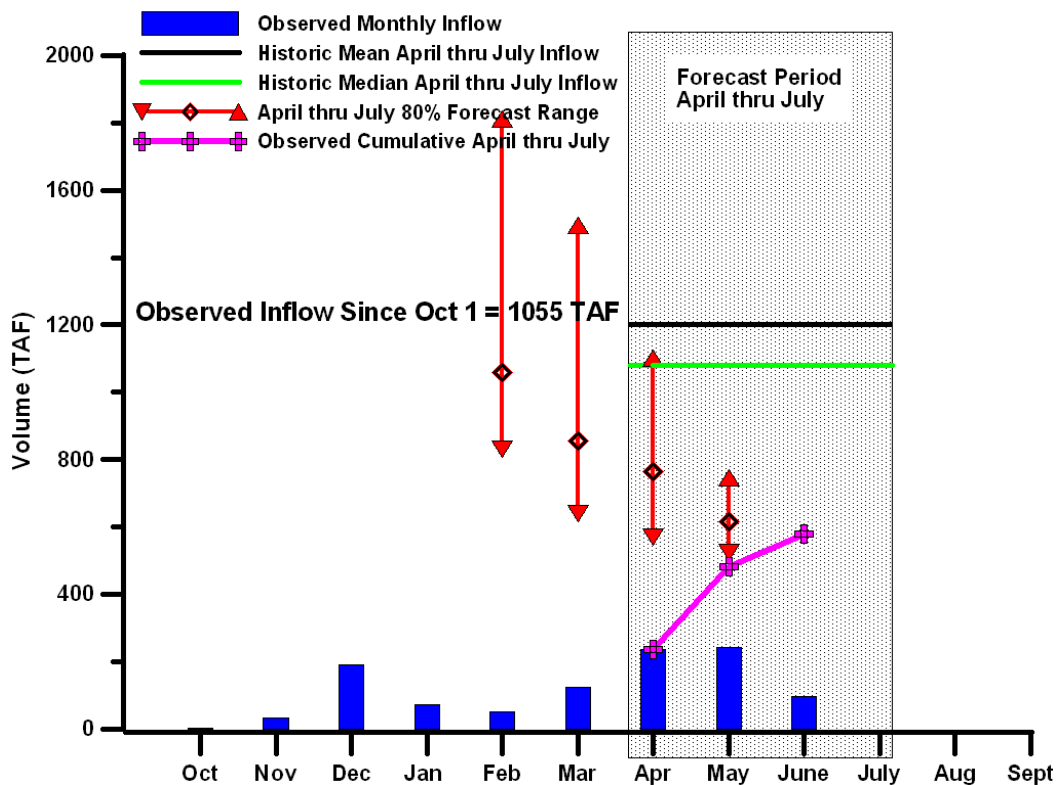


Figure 4: Water Year conditions for the Tuolumne River at La Grange and for the 80% water supply forecast range (triangles represent the 90% and 10% forecasts, the open diamond represents the median forecast).

Snowmelt and Water Supply

Snowmelt runoff came to an end in the middle of June as Hetch Hetchy Reservoir came to full pool. Runoff conditions and duration of snowmelt runoff this year, benefitted from a relatively cool spring which provided later season flows given the shallow snowpack. A late June rain event brought inflows back up and re-filled Hetch Hetchy Reservoir to with one-tenth of a foot of spilling. As the hot, dry summer season sets in there are possibilities of thunderstorms, but have so far been moisture starved. Conditions over the next 3 months are anticipated to follow the typical summer dry cycle.

The May 1st Tuolumne Basin Water Supply Forecast used the measured snow course, precipitation, and runoff data to predict the seasonal inflow. The forecast indicated that the median amount of runoff that may occur this year is 57% of the long-term median (Figure 4). The median forecast of April-through-July runoff is about 615 TAF, compared to the long-term median runoff for the April-through-July period of 1,080 TAF. For natural flow at La Grange, there is an 80 percent chance that the April-to-July natural runoff will be between 525 TAF and 745 TAF. Through June 30th, 578 TAF (94%) of April-July forecasted runoff as appeared.

Unimpaired Flow at La Grange & Water Available to the City

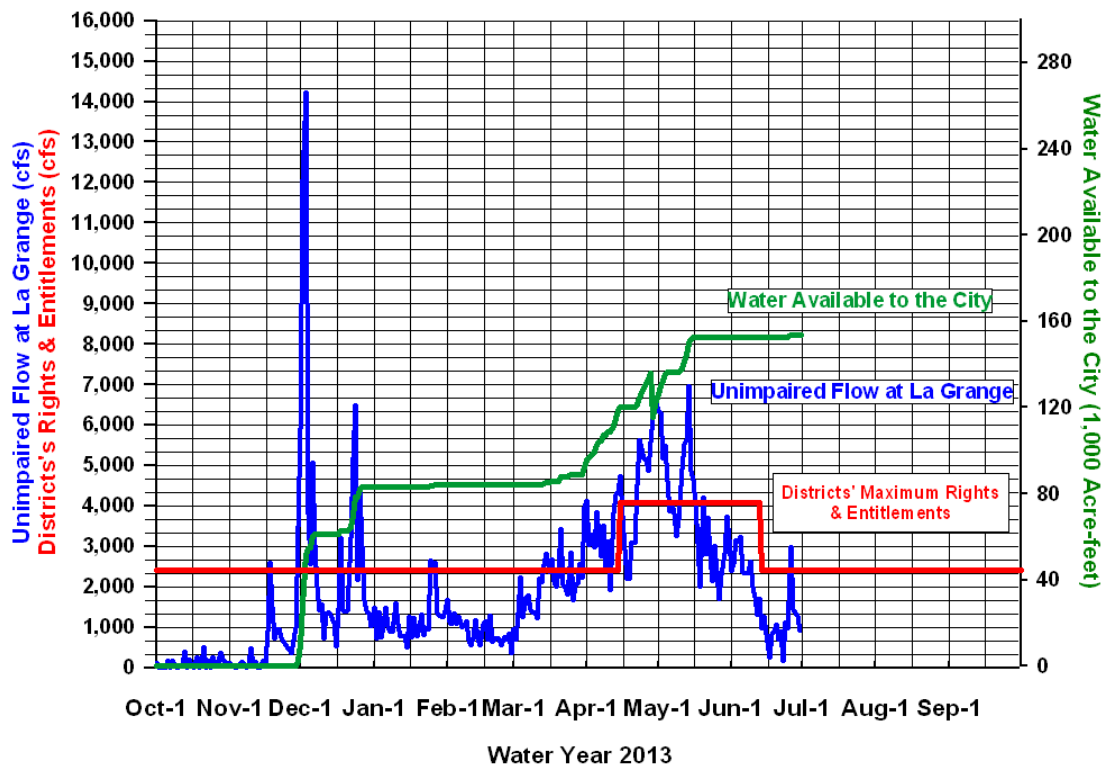


Figure 5: Calculated unimpaired flow at La Grange and the allocation of flows between the Districts and the City. 153,885 acre-feet of water has become available to the City during water year 2013 to date.

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

STAFF REPORT

To: Coastside County Water District Board of Directors

From: Patrick Miyaki, Legal Counsel

Agenda: July 9, 2013

Report

Date: July 1, 2013

Subject: Consider approval of Resolution 2013-06 Establishing Appropriations Limit Applicable to District during Fiscal Year 2013-2014

Recommendation

Adopt Resolution establishing appropriations limit applicable to District during Fiscal Year 2013-2014.

Background

Article XIII B of the California Constitution, and its implementing legislation, requires each local agency to review the "appropriations limit" applicable to it annually. The "appropriations limit" is the maximum amount of "proceeds of taxes" which the District can appropriate during the fiscal year. Last year, the Board of Directors adopted the appropriations limit applicable during FY 2012-2013. The District has obtained data from the State Department of Finance concerning inflation and population changes from which the limit for the upcoming fiscal year has been calculated. The calculations are shown on the following page.

Fiscal Impact:

Because the appropriations limit is far in excess of the amount of "proceeds of taxes" available to the District, the increase will not have any effect upon the District's budget this year or in the foreseeable future.

RESOLUTION NO. 2013-06

**ESTABLISHING THE APPROPRIATIONS LIMIT
APPLICABLE TO THE DISTRICT DURING FISCAL YEAR 2013-2014**

COASTSIDE COUNTY WATER DISTRICT

WHEREAS, by Resolution No. 2012-04, the Board of Directors established the appropriations limit applicable to the District during Fiscal Year 2012-2013 as \$4,767,378.

WHEREAS, Article XIII B of the California Constitution and Sections 7902(b) and 7910 of the Government Code require that each local agency subject thereto establish by resolution the appropriations limit applicable during Fiscal Year 2013-2014 by applying to the limit for Fiscal Year 2012-2013 the factors, as issued by the California Department of Finance, reflecting changes in population and per capita income; and

WHEREAS, the calculations showing the application of those factors were made available for public review at least fifteen days prior to the date hereof; and

WHEREAS, the applicable factors are as follows: (1) the increase in the California Per Capita Personal Income was 5.12%, and (2) the applicable change in population from January 1, 2012 to January 1, 2013 was 1.09%.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Coastsides County Water District that the appropriations limit for Fiscal Year 2013-2014 is hereby established as \$5,065,815.

PASSED AND ADOPTED this 9th day of July, 2013, by the following vote of the Board:

AYES:

NOES:

ABSENT:

Kenneth L. Coverdell, President
Board of Directors

ATTEST:

David R. Dickson, General Manager
Secretary of the District

COASTSIDE COUNTY WATER DISTRICT

NOTICE OF DETERMINATION OF APPROPRIATIONS LIMIT FOR FISCAL YEAR 2013 - 2014

State law (Section 7910 of the Government Code) requires each local government agency to determine during each fiscal year the appropriations limit pursuant to Article XIII B of the California Constitution applicable during the following fiscal year. The limit must be adopted at a regularly scheduled meeting or a noticed special meeting and the documentation used in determining the limit must be made available for public review fifteen days prior to such meeting.

Set out below is the methodology proposed to be used to calculate the fiscal year 2013-2014 appropriations limit for the District. The limit as set forth below will be considered and adopted at the meeting of the Board of Directors on July 9, 2013.

1. Appropriations limit for fiscal year 2012 - 2013	\$4,767,378
2. Population change (January 1, 2012 - January 1, 2013)	1.09%
3. Change in California per Capita Personal Income Fiscal Year 2012 - 2013	5.12%
4. Fiscal year 2013 - 2014 adjustment factor (1.0109 x 1.0512)	1.0626
5. Fiscal year 2013 - 2014 appropriations limit (\$4,767,378 x 1.0626)	\$5,065,815

Notice Posted: June 24, 2013

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: July 9, 2013

Report

Date: July 5, 2013

Subject: Approval of Additional Water Treatment Position

Recommendation:

Authorize staff to create and fill one additional Water Treatment Operator position.

Background:

With the upgraded Denniston Water Treatment plant back in operation, our experience in running both treatment plants and an analysis of our staffing needs indicate that our current staffing does not adequately cover the responsibilities involved in the critical treatment function, which include the following:

- 24/7 operation of the Nunes and Denniston water treatment plants
- Routine and preventive maintenance at Nunes and Denniston
- Operation and maintenance of the Crystal Springs Pump Station when the station is running
- Distribution system bacteriological sampling program
- Treatment plant and source water sampling programs
- Backflow prevention program field and administrative support

The water treatment plant staff now comprises three full-time employees: the Treatment Supervisor, the Senior Treatment/Distribution Operator, and one Treatment/Distribution Operator (see Organization Chart presented in Attachment A). In addition, the on-call Treatment/Distribution Operator, an assignment which rotates every seven days, performs treatment plant duties, raising the effective treatment plant staffing. Because the on-call operator is not dedicated to treatment and only performs treatment duties one week out of every six, this rotating position is not as effective as a dedicated operator.

Attachment B presents an analysis of treatment staffing needs. Taking into account employee time off (vacation, holiday, sick, comp time, etc.), "non-duty" time (breaks, meetings, travel, training), and the hours required for operation and maintenance tasks, treatment requires approximately 6 full-time equivalent (FTE) employees.

We propose to increase treatment plant staffing to about five FTE by adding one dedicated Treatment/Distribution Operator position beginning at the start of the

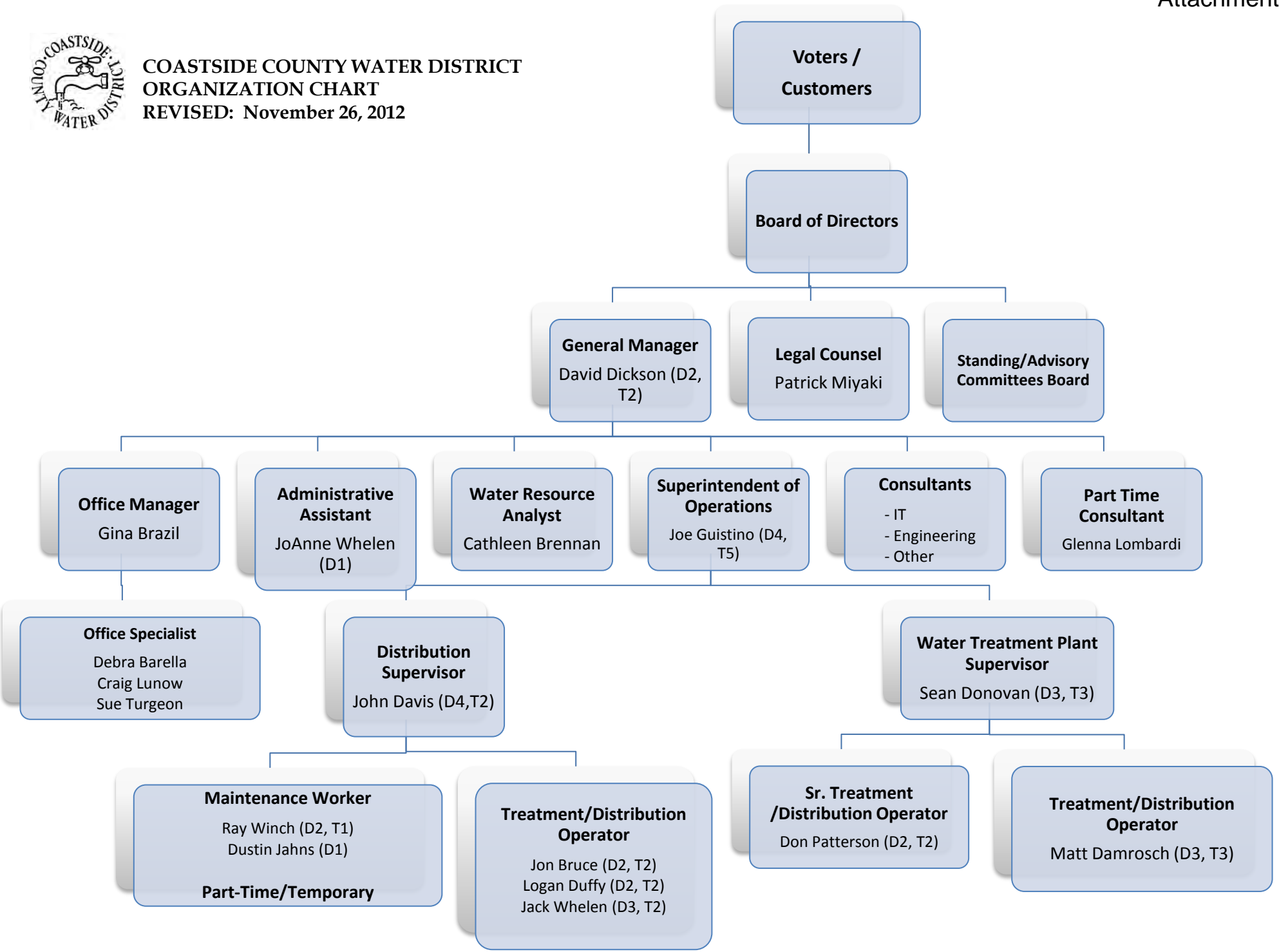
new fiscal year. The total cost of the additional position, including benefits, would be about \$125,000 per year. Initial costs would be lower, assuming the new hire comes in at an entry level.

Fiscal Impact:

Up to \$125,000 per year additional operating expense. The District financing plan used in determining the FY2013-2014 rate increase includes this expense.



**COASTSIDE COUNTY WATER DISTRICT
ORGANIZATION CHART
REVISED: November 26, 2012**



Operations & Maintenance Staffing Estimate**Average Annual Work Hours Available per Employee**

	Hrs/Day	Days/Year	Hours/Yr
5 days x 52 weeks per full time employee	8	260	2080
<u>Time Off</u>			
Vacation average	8	15	120
Comp time (estimated)	8	10	80
Holidays	8	12	96
Sick days	8	4	32
<u>Subtotal Time Off</u>		41	328
<u>Non-O&M Time</u>			
Daily breaks	0.5	219	110
Daily meeting time	0.8	219	175
Daily travel time to and from Nunes and Denniston WTP	1	219	219
Training (O&M, safety)	2	24	24
<u>Subtotal Non-O&M</u>	4.3		528
Net hours available/year/employee			1224

Operation and Maintenance Hours Required

Nunes daily operations	5	365	1825
Denniston daily operations	5	365	1825
Crystal Springs daily operations (weekend only)	1	365	365
Nunes maintenance	3	365	1095
Denniston maintenance	3	365	1095
Distribution system, source water sampling (1 day/week)	1.6	260	416
Chief operator duties	2.5	219	548
<u>Total O&M Hours Required</u>			7169
Number of Employees Required (7169 hours required /1224 hours per employee)			5.9

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: July 9, 2013

Report Date: July 2, 2013

Subject: California Special Districts Association (CSDA) - 2013 Board Election -
Region 3, Seat B

Recommendation:

Designate Coastside County Water District's vote for a candidate to serve as one of the representatives to the California Special Districts Association (CSDA) Board of Directors in Region 3, Seat B.

Background:

As a member of the California Special District's Association, the Coastside County Water District's Board of Directors has the opportunity to participate in the Board Elections process by casting a vote for one of the candidates seeking to represent Region 3.

Attached is the CSDA mail ballot information, including a candidate statement from Sherry M. Sterrett, one of the three candidates applying for the available seat for the Region 3 position. Upon the Board's selection of a candidate, staff will complete the ballot and return to CSDA.

Fiscal Impact: None



**California Special
Districts Association**
Districts Stronger Together

RECEIVED

JUN 10 2013

COASTSIDE COUNTY
WATER DISTRICT

CALIFORNIA SPECIAL DISTRICTS ASSOCIATION

2013 BOARD ELECTIONS

MAIL BALLOT INFORMATION

Dear Member:

A mail ballot has been enclosed for your district's use in voting to elect a representative to the CSDA Board of Directors in your Region for Seat B. Each of CSDA's six (6) regional divisions has three seats on the Board. Each of the candidates is either a board member or management-level employee of a member district located in your geographic region. Each Regular Member (district) in good standing shall be entitled to vote for one (1) director to represent its region.

We have enclosed the candidate statements for each candidate who submitted one. Please vote for **only one** candidate to represent your region in Seat B and be sure to sign, date and fill in your member district information (*in some regions, there may only be one candidate*). If any part of the ballot is not complete, the ballot will not be valid and will not be counted.

Please utilize the enclosed return envelope to return the completed ballot. Ballots must be received at the CSDA office at 1112 I Street, Suite 200, Sacramento, CA 95814 by **5:00pm on Friday, August 2, 2013**.

If you do not use the enclosed envelope, please mail in your ballot to:

California Special Districts Association
Attn: 2012 Board Elections
1112 I Street, Suite 200
Sacramento, CA 95814

Please contact Charlotte Lowe toll-free at 877.924.CSDA or charlottel@cstda.net with any questions.

Sherry M. Sterrett

Candidate CSDA Board of Directors – Region 3

Please consider voting for me!

Why? I am a strong believer in “Special Districts” and have a track record to prove it.

Why? Because I believe experience counts:

- 2009 Elected President of the Pleasant Hill Recreation and Park District Board of Directors
- 2008 Chair of CSDA Education Committee
- 2007 Appointed to Fiscal Committee
- 2006 President of the CSDA/SDRMA/FC Alliance Council
- 2005 Re-elected President of CSDA
- 2004 Elected President of CSDA

I am a graduate of the CSDA Leadership Academy and my district was the first recreation and park district to earn a “District of Distinction” award from the Special District Leadership Foundation. The California Association of Recreation and Park Districts selected me as the “Outstanding Board Member of the Year” in 2003. In 2007, CSDA honored me as their “Board President of the Year”.

I am a very active CSDA Board Member and have served in many leadership positions. They include the Membership Committee, the Local Chapter Committee, the Conference Committee, the Budget/Finance Committee, Elections/Bylaws Committee, the Education Committee and the CSDA Executive Committee which included two terms as CSDA President.

In my community, I am an active and effective leader with the Contra Costa County Chapter of the Special District Association. I have also served on the Mt. Diablo School Board (1980-1987), the Pleasant Hill City Council (1987-1995) and a trustee on the Pleasant Hill Recreation and Park District (1996-current).

“As your Director from Region 3, I will continue to work hard for you. Together we will continue to educate Sacramento on the value and importance of Special Districts.” You may contact me by e-mail at sherrysterrett@att.net

Please vote for me, Sherry Sterrett.



CSDA BOARD OF DIRECTORS ELECTION 2013

*All Fields Must Be Completed for ballot to be counted.
(Please vote for only one.)*

REGION THREE

●
*Seat B - term
ends 2017*

- Sherry Sterrett***
Pleasant Hill Recreation & Park District
- Terry Riddle**
Solano Resource Conservation District
- Kathryn Slater-Carter**
Montara Water & Sanitary District

** incumbent*

Signature: _____ Date: _____

Member District: _____

Must be received by 5pm, August 2, 2013. CSDA, 1112 I Street, Suite 200, Sacramento, CA 95814

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David R. Dickson, General Manager

Agenda: July 9, 2013

Date: July 3, 2013

Subject: Ordinance Modifying Section W of the District's General Regulations Regarding Water Service Pertaining to the Control of Backflow and Cross-Connections

Recommendation:

Consider the proposed Ordinance Modifying Section W of the District's General Regulations Regarding Water Service Pertaining to the Control of Backflow and Cross-Connections and set a public hearing on the ordinance for August 13, 2013 at 7:00 p.m. No action on the proposed ordinance is required at this time.

Background: Title 17 of the California Code of Regulations mandates that water suppliers must protect the public water supply from contamination by implementation of a cross-connection control program. Backflow incidents within the District's service area in the early 2000's and a strong suggestion by the Department of Public Health (DPH) compelled the District to take over the cross-connection control program that was being administered by the County of San Mateo.

The District assumed administration of the cross-connection control program in 2005 but lacked the resources to conduct proper surveys that are a requirement of Title 17. It was evident that there were still many services with potential cross connections that did not have the proper backflow prevention assemblies installed. In 2010 the District initiated a comprehensive cross connection survey to identify these services and have them install the proper backflow assemblies. These services were mainly commercial, agricultural and light industrial applications and the majority of them agreed to install the required backflow assembly. We did encounter some resistance and, from review of the original resolution No. 2004-15 adopted on 10 August 2004, it became apparent that some aspects of the District's backflow regulations needed to be simplified, clarified, and strengthened.

The proposed update presented here is the product of extensive effort by District staff, with the assistance of District Counsel Patrick Miyaki. The revised regulations require all non-residential services and residential services with alternate water sources to have a backflow assembly installed by January 2015. It has been modeled after similar ordinances enacted by other municipalities and water districts in California and Nevada and its simplicity makes backflow

requirements easier to understand and less subject to challenge.

Staff recommends that the Board set a public hearing on the proposed ordinance for August 13, 2013, at 7:00 p.m., in order to allow interested customers and members of the public to provide comments. Staff will publish the proposed ordinance in the Half Moon Bay Review before the public hearing.

Fiscal Impact: None.

ORDINANCE NO. 2013-01

AN ORDINANCE OF THE COASTSIDE COUNTY WATER DISTRICT

MODIFYING SECTION W OF THE DISTRICT'S GENERAL REGULATIONS REGARDING WATER SERVICE PERTAINING TO THE CONTROL OF BACKFLOW AND CROSS-CONNECTIONS

RECITALS

WHEREAS, on August 10, 2004, the District adopted Resolution No. 2004-15 adding Section W to the District's General Regulations Regarding Water Service Pertaining to the Control of Backflow and Cross-Connections;

WHEREAS, the District adopted this Resolution pursuant to Title 17, Chapter V, Sections 7583-7605 of the California Code of Regulations, which requires that water suppliers protect the public water supply from contamination by implementation of a cross-connection control program;

WHEREAS, the District assumed the administration of the backflow and cross-connection control program from the County of San Mateo as suggested by the California Department of Health Services (now the Department of Public Health) due to backflow or cross-connection incidents in the early 2000s;

WHEREAS, since the District has implemented its backflow and cross-connection control program, staff has determined that its regulations pertaining to the control of backflow and cross-connections should be amended; and

WHEREAS, in establishing its procedures, the Board of Directors has given notice of the public hearing to be held in connection with this Ordinance, and the District has complied with all notice and public hearing requirements of the law; and has received, reviewed and given due consideration to the evidence presented in connection with the procedures established by this Ordinance.

NOW, THEREFORE, BE IT ORDAINED by the Board of Directors of the Coastside County Water District that Section W "BACKFLOW AND CROSS-CONNECTION CONTROL" is hereby modified in the General Regulations of the Coastside County Water District to delete the entire Section W and replace it with the following:

W. Backflow And Cross-Connection Control

1. ***Cross-Connection Control – General Policy***

a. Purpose. The purpose of this regulation is:

- i. To protect the public potable water supply of the Coastside County Water District (District) from the possibility of contamination or pollution from backflow; and,
- ii. To promote the elimination or control of existing cross connections, actual or potential, between the customer's potable water system(s) and nonpotable water systems, plumbing fixtures, appliances, and industrial piping systems

b. Authority. These regulations are adopted pursuant to the State of California Code of Regulations, Title 17 Sections 7583 – 7605, inclusive (State Regulations). The State Regulations are incorporated into these regulations by this reference, except to the extent the State Regulations conflict with these regulations, in which case these regulations will govern.

c. Policy: No Non Residential Single Family water service connection or Single Family Residential service connection that have an auxiliary water supply, cross connection, or a risk of backflow or contamination to any premises shall be installed or maintained by the District unless the water supply is protected as required by State Regulations and this regulation. Service of water to any premises shall be discontinued by the District under the following circumstances: (1) if a backflow prevention assembly required by this regulation is not installed, tested, and maintained; (2) if it is found that a backflow prevention assembly has been removed or bypassed, or (3) if an unprotected cross connection exists on the premises. Service will not be restored until such conditions or defects are corrected.

2. ***Definitions***

Words used in this regulation, unless the context requires otherwise, shall be as defined below.

- a. **Approved Tester** means a person who holds a current and valid AWWA (American Water Works Association) Backflow Prevention Assembly Testers Certification and is in good standing with the District to perform backflow prevention device testing within the District's distribution system in accordance with established procedures as found in the latest edition of the Manual of Cross-Connection Control published by the Foundation for Cross-Connection Control and Hydraulic Research, University of Southern California.
- b. **Auxiliary Water Supply** Any water supply on or available to the premises other than the approved water supply as delivered by the District to the service connection. This

includes storage tanks where water quality may degrade, private wells, natural or ornamental ponds, streams, storm water, rain barrels, gray water, and the ocean.

- c. **Backflow** means the reverse flow of water or any other fluid or substance or any combination or any mixture thereof from the customer's system into District's water distribution system.
- d. **Backflow Prevention Assembly** means an assembly of a type and manufacture approved by the District which will prevent backflow into District's distribution system. The District will approve all backflow prevention assemblies that meet the American Water Works Association standards at the time the backflow prevention assembly is installed.
 - i. Air Gap Separation. The term "air gap separation" means a physical break between a supply pipe and a receiving vessel. The air gap shall be at least double the diameter of the supply pipe measured vertically above the top rim of the vessel, in no case less than 1 inch.
 - ii. Double Check Valve Assembly. The term "double check valve assembly" means an assembly of at least two independently acting check valves including tightly closing shut-off valves on each side of the check valve assembly and test cocks available for testing the water tightness of each check valve.
 - iii. Reduced Pressure Principle Backflow Prevention Device (RP). The term "reduced pressure principle backflow prevention device" or "RP device", means a device incorporating two or more check valves and an automatically operating differential relief valve located between the two checks, a tightly closing shut-off valve on each side of the check valve assembly, and equipped with necessary test cocks for testing.
- e. **Contamination** means a degradation of the quality of the potable water by any foreign substance which creates a hazard to the public health, or which may impair the usefulness or quality of the water.
- f. **Cross-Connection** means any connection, link or channel between District's water distribution system and an auxiliary water supply, a pipe or piping system, plumbing fixtures, appliance, container, receptacle, vessel or other devices that may allow for contaminated or used water or fluid, or any other substance of whatsoever nature other than the water supplied by District, to enter any part of District's water distribution system.
- g. **Customer** means any person or organization who receives water from the Coastside County Water District.
- h. **Customer's System** means the water piping system located immediately downstream from a meter or service connection.

- i. **Detector Check** means a by-pass metering device that detects any leakage or unauthorized use of water from fire or automatic sprinkler systems.
 - j. **District** means Coastside County Water District.
 - k. **District's Water Distribution System** means the water distribution system owned and operated by the District including the service connections to water mains, up to and including the water meter.
 - l. **General Manager** means the General Manager of the District or his authorized representative is invested with the authority and responsibility for the implementation of an effective cross-connection control program and for the enforcement of the provisions of this regulation.
 - m. **Master Meter** means a metered service connection that services more than one residential, commercial, industrial, institutional, agricultural, or governmental unit.
 - n. **Multifamily Residential Service** means a service that supplies water through a master meter to a residential premises, 4-plex, apartment complex or trailer village.
 - o. **Non Single Family Residential Service** means all services that are not a Single Family Residential Service. This includes all mixed use, fire, commercial, agricultural, institutional, governmental, multifamily or industrial water services.
 - p. **Premises** means a parcel of land including all buildings and appurtenances located thereon.
 - q. **Service Connection** means the meter and water piping system connecting the customer's system with the District's water distribution system.
 - r. **Single Family Residential Service** means a service connection to a single family home or premises.
 - s. **Temporary Water Use** means water used from a fire hydrant or other source on a temporary basis and metered through a portable water meter.
3. ***Requirements for Backflow Prevention Assemblies***
- a. **Existing Service Connections.** Unless otherwise specified by the District, a backflow prevention assembly must be installed on all existing Non Single Family Residence service connections and on Single Family Residential service connections that have an auxiliary water supply, a cross connection, a storage tank or other risk of backflow or contamination by January 2015. Single family residential service fewer than three stories tall with no health threats, auxiliary water supply, or a second District water

service and are not under a master meter typically are exempt or qualify for a single check, non testable device to be installed as part of the meter change out program.

- b. New Service Connections:** A backflow prevention assembly must be installed on all new Non Single Family Residential Services and all new Single Family Residential water service connections that have an auxiliary water supply, a cross connection, or a risk of backflow or contamination. At the time an application for a new water service is made by a potential customer in accordance with procedures established by the District, the General Manager will review the application to determine the need for an approved, backflow prevention assembly on the customer's service. If a backflow prevention assembly is not required, a single check must be installed on the downstream end of the water meter.

- c. Upgrading of Existing Backflow Prevention Assemblies:** An existing backflow prevention assembly that does not provide adequate protection for the degree of potential hazard from backflow or contamination shall be upgraded at customer's expense.

- d. Commercial Fire Sprinkler Systems.** All services to commercial fire sprinkler systems require backflow protection at the point of connection to the District's supply. The type of backflow protection required is based on the sprinkler system construction. For the purposes of this determination:
 - i. Systems utilizing only the District's water supply will require at least a double check valve assembly.
 - ii. Systems utilizing the District's water supply and that also contain chemical additives, on site water storage, auxiliary water supplies, or fire booster pumps, shall require an RP device.
 - iii. Existing systems with a single detector check will not require retrofit provided the check valves are tested in accordance with NFPA 13 requirements and do not require replacement.
 - iv. Retrofitting existing fire sprinkler systems will require the customer to provide the Coastside Fire Protection District with an updated hydraulic analysis to certify proper system operation with the additional pressure loss.
 - v. The District, in addition to the Coastside Fire Protection District, shall review and approve all applications for construction or retrofit of commercial fire sprinkler systems.

- e. Residential Fire Sprinkler Systems.** All services to residential fire sprinkler systems require backflow protection at the point of connection to the District's supply. The type of backflow protection required is based on the sprinkler system construction. For the purposes of this determination:

- i. Systems utilizing only the District's water supply will require at least a single detector check assembly.
- ii. Systems utilizing the District's water supply and that also contain chemical additives, on site water storage, auxiliary water supplies, or fire booster pumps, shall require at least an RP device.
- iii. Existing systems with a single detector check will not require retrofit.

f. Construction and Temporary Water Use.

- i. Construction and temporary water use shall be metered and equipped with either an air gap separation or an RP device.
- ii. Inspection of air gap separation and testing of reduced pressure principle backflow prevention assemblies shall be a condition of temporary service and at the expense of the customer.

4. *Ownership of Backflow Prevention Assemblies*

Backflow prevention assemblies installed or upgraded by the customer shall remain the property of the customer. Customer shall be responsible for maintenance, inspection, and testing of backflow prevention assemblies as required herein.

5. *Maintenance, Inspection and Testing of Backflow Prevention Assemblies*

- a. Customer shall at all times maintain backflow prevention assemblies serving customer's premises in proper working order and provide for unobstructed access by District to the backflow prevention assemblies as a condition of continued water service.
- b. The customer's system must be open for inspection at all reasonable times to authorized representatives of the District to determine whether cross connections or other structural or sanitary hazards, including violations of these regulations, exist.
- c. If the customer allows the backflow certification to lapse, the water will be turned off 48 hours after the expiration of the backflow certification.
- d. Backflow prevention assemblies must be inspected and tested before a service is connected.

- e. District will send a courtesy notice to the customer of the annual backflow prevention assembly testing requirement. The Customer is responsible for the inspection and testing of backflow prevention assemblies. If the Customer does not provide the District with the backflow testing Certificate documenting that the backflow prevention assembly is working properly within 30 days of notification by the District of the need for testing, the District may contract for the testing and charge the Customer for the expense, or discontinue water service.
- f. Backflow prevention assemblies must pass an annual inspection or more frequently if the risk of contamination warrants it, by being inspected, tested, and certified by an Approved Tester.
- g. All expenses for installation, inspection, testing, repair and maintenance of backflow prevention assemblies shall be borne by the customer.

6. ***Enforcement***

- a. Water service to any premises may be discontinued by the District if the backflow prevention assemblies have not met the conditions set forth in this regulation or if the General Manager has determined that a situation exists which could cause contamination of the District's water distribution system. All backflow prevention assemblies that do not pass a backflow prevention assembly test must be repaired and in proper working order within thirty (30) days, or such shorter time period as the District determines to be necessary to minimize the risk of contamination. Service will not be restored until the General Manager has determined that the risk of contamination to the District's water distribution system has been corrected.
- b. Any person or persons, company, corporation or association, who willfully fails to properly install, or permit to be installed, backflow prevention assemblies as required by this regulation or who willfully by-passes, alters, removes or refuses to maintain a backflow prevention assembly, shall be guilty of a misdemeanor and upon conviction thereof shall be subject to a fine not exceeding \$500 or imprisonment in the county jail for a period not exceeding six months or both fine and imprisonment.

7. **Severability**

If any provision or part of this Ordinance is held to be invalid, or unenforceable in particular circumstances, such invalidity shall not affect the remainder of the Ordinance which shall continue to be of full force and effect and the Board declares this Ordinance to be severable for that purpose.

8. Publication

The General Manager is hereby directed to arrange for this Ordinance to be published in a newspaper of general circulation in the District within ten (10) days of its adoption.

PASSED AND ADOPTED this ___ day of _____ 2013 by the following votes of the Board of Directors:

AYES:

NOES;

ABSTAIN:

ABSENT:

Ken Coverdell, President
Board of Directors

ATTEST:

David R. Dickson
Secretary of the District

STAFF REPORT

To: Coastside County Water District Board of Directors

From: David Dickson, General Manager

Agenda: July 9, 2013

Report

Date: July 5, 2013

Subject: General Manager's Report

Recommendation:

None. Information only.

Background:

Please see attached Operations and Water Resources Reports.

MONTHLY REPORT

To: David Dickson, General Manager
From: Joe Guistino, Superintendent of Operations
Agenda: July 9, 2013

Report

Date: July 3, 2013

Monthly Highlights

California Department of Public Health (DPH)

Based on a site visit on June 25, the sanitary engineer assigned to oversee our operations was impressed with what we have accomplished at Denniston Water Treatment Plant (WTP).

Source of Supply

Denniston Reservoir and Crystal Springs Reservoir were the sources of supply in June. Denniston (WTP) produced 6.6 million gallons (MG) in June and is shut down for the dry months as of June 25.

System Improvements

Tree Removal

Five large eucalyptus trees were removed around the Denniston Pump Station, eliminating the danger of damage to the station and ancillary equipment as well as equipment and structures at Cabrillo Farms. Eight Monterey Pine trees were removed from the Nunes WTP site. Two of the trees were dead or dying and posed a tree fall danger to the plant. Other trees removed were contributing to debris on the filter deck and in the filters or posed a danger to nearby structures.

New Coagulant

We received permission from DPH to try an alternative coagulant at Denniston with great results. The Treatment Staff switched from alum and cationic polymer feeds to a single polyaluminum chloride compound provided by NTU Technologies. The benefits of the change will be one less chemical to feed, lower cost of product, less sludge production, and improved water quality.

Geographic Information System (GIS) System

The latest improvement to the GIS system is the inclusion of meter locations. This inclusion will not only allow hard to find meters to be easily located, but will also assist in the plan review process and service line locations.

Crystal Springs Raw Water Meter

The old raw water meter for Crystal Springs Pump Station PS (PS) was replaced with a modern meter, making for more accurate meter reads. The digital readout is located at the Cahill Tank site, eliminating the need to climb into the meter vault.

Other Activities Update:

Half Moon Bay Bike Path

We encountered two problems with the highway 1 bike path in June. Unreviewed changes in the location and design of the pathway would have resulted in the line valve for the Frenchman's creek subdivision being buried under 5 feet of fill. The other problem was the installation of a storm drain that would have rested on the 8' Frenchman's creek pipeline. After discussions with the City Engineer, the City agreed to pay their contractor for the expense of raising the valve can for the buried valve. District staff also had to raise 2 other valve cans, but only by a few inches and with minimal expense. Coordination with the designer allowed for the storm drain to be directed away from our pipelines.

Nunes Switchgear

Power outage on 27 June resulted in Nunes WTP shutdown when the switchgear failed when the power came back on. We will be replacing the switchgear, which is original equipment, in the ensuing months.

Nunes Source Water Quality

An algae bloom occurred in Crystal Springs Reservoir around 20 June, adversely affecting the filterability of the water at Nunes WTP. Further investigation by San Francisco Public Utility Commission (SFPUC) limnologist indicated that there is a bloom of the filter clogging algae cyclotella and a significant increase in nutrient concentrations in the reservoir. The bloom died off by the end of the month and raw and finished water quality returned to normal levels.

Regulatory Agency Interaction

California Department of Public Health (DPH)

DPH sanitary engineers Van Tsang and Tara Ouitavon conducted their inspection of the Denniston WTP improvements on Tuesday, 25 June. They gave us favorable reviews and provided us with some comments and guidance on the operations. Their assessment is attached.

Regional Water Quality Control Board

We sent them our mandatory annual Best Management Practices (BMP) updates on the Denniston National Pollution Discharge Elimination Survey (NPDES) program on 7 June.

Safety/Training/Inspections/Meetings

Meetings Attended

- 4 June - Met with Todd Schmidt to discuss improvements to treatment plant operating records and reports.
- 6 June - Met with Jim Teter to discuss Avenue Cabrillo Phase II/III, Bird of Paradise review and improvements to the Nunes Utility Water System.
- 7 June - Bimonthly Coastal Emergency Action Program (CEAP) meeting.
- 10 June - Staff met with Siemens Representatives to discuss ways to conserve energy and automatic meter reading (AMR) opportunities
- 11 June - All employee meeting
- 25 June - Met with DPH representatives at District facilities.

Safety Meetings and Training

Safety Committee Meeting on Wednesday, 12 June.

The monthly CINTAS safety training in June was on Harassment, Sexual Harassment and Discrimination and Industrial Ergonomics. Jahns, M. Whelen, Winch, Bruce and Guistino were in attendance.

On 10 June, field staff viewed a video on the operation and maintenance of the RK1-GX-2009 Gas Detector.

Safety Equipment

- Designed and had TAP plastics make special Plexiglas guards for installation on the On-Site Chlorine Generators to prevent accidental contact with the high voltage leads.
- Annual fire extinguisher maintenance on 19 June.
- Ordered 4 new Halotron extinguishers, two for each water plant to be placed in the lab and the On Site Chlorine Generator (OSG) room.
- Installed anti-fatigue mats for the Nunes WTP laboratory.

Tailgate safety sessions in January

- 3 June - Doggone It: Dealing With Customer's Canines
- 20 June - Biohazards and Worker Safety
- 24 June - Construction Site Safety

Projects

El Granada Tank 2 Renovation

Sent notice of award to Paso Robles Tank on 12 June. Presently waiting for signed contracts, insurance certificates and bonds.

Avenue Portola Main Replacement

The Avenue Portola Project is 95% complete. Paving will be done in July.

STAFF REPORT

To: Board of Directors
From: Cathleen Brennan, Water Resources Analyst
Agenda: July 9, 2013
Subject: Water Resources

This informational report includes:

- Certificate of Appreciation from the EPA WaterSense Program
 - Letter from the Office of the Governor
-



The District received a certificate of appreciation from the EPA WaterSense Program for completing the voluntary reporting for calendar year 2012. The District is a promotional partner for the EPA WaterSense Program. The EPA WaterSense Program reported that 202 billion gallons of water was saved in calendar year 2012 from the installation of EPA WaterSense labeled products in the United States.

Below is a list of accomplishments for the EPA WaterSense program and its partners, since its inception in 2006.

- ♫ 487 billion gallons of water saved in the U.S. from the installation of EPA WaterSense labeled products.
- ♫ 1,647 models of EPA WaterSense labeled tank style toilets available for purchase in the U.S.
- ♫ 67 models of EPA WaterSense labeled weather-based irrigation controllers available for purchase in the U.S.
- ♫ 5,516 models of EPA WaterSense labeled faucets available for purchase in the U.S.
- ♫ 1,118 models of EPA WaterSense labeled showerheads available for purchase in the U.S.
- ♫ 229 models of EPA WaterSense labeled flushing urinals available for purchase in the U.S.
- ♫ 1,350 EPA WaterSense organizational partners.
- ♫ 64.7 billion kilowatt hours of energy saved by reducing the need to heat, pump and treat water.
- ♫ 24 million metric tons of greenhouse gas emissions eliminated by reducing the need to heat, pump and treat water.

Governor Jerry Brown has declared the month of July Water Smart Month. In his letter, Governor Brown describes water as a precious resource that is the backbone to the success of the state's economy, public health, and abundant wildlife. The Governor encourages all Californians to practice more sustainable water consumption by watering the lawn less frequently, constructing a drip irrigation system or upgrading existing irrigation systems with smart irrigation controllers.



OFFICE OF THE GOVERNOR

July 2013

Water Smart Month

Conserving water is essential to our state's future. Our state's roaring rivers and beautiful estuaries have attracted millions of people from around the world for many years. Tourists flock to California to enjoy the warm beaches of the Pacific and fish the magnificent waters of the Sierra Nevada. This precious resource is the backbone to the success of the state's economy, public health, and abundant wildlife.

July is the perfect time to increase water awareness throughout the state. The snow packs are shrinking and the state will not see its reservoirs begin to fill again until fall. Low consumption practices and technology will help keep water in the streams and lakes for all to enjoy. I invite all Californians to practice more sustainable water consumption, whether it be watering the lawn less frequently, constructing a drip irrigation system for the garden or upgrading existing systems with smart irrigation controllers.

Sincerely,


EDMUND G. BROWN JR.

GOVERNOR EDMUND G. BROWN JR. • SACRAMENTO, CALIFORNIA 95814 • (916) 445-2841