

**COASTSIDE COUNTY WATER DISTRICT**

**766 MAIN STREET**

**HALF MOON BAY, CA 94019**

**MEETING OF THE BOARD OF DIRECTORS**

**Tuesday, May 14, 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](http://www.coastsidewater.org).*

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

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

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

#### 4) CONSENT CALENDAR

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

- A. Approval of disbursements for the month ending April 30, 2013:  
Claims: \$1,062,598.08; Payroll: \$73,027.53; for a total of \$1,135,625.61  
([attachment](#))
- B. Acceptance of Financial Reports ([attachment](#))
- C. Approval of Minutes of April 9, 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 - April 2013 ([attachment](#))
- G. April 2013 Leak Report ([attachment](#))
- H. Rainfall Reports ([attachment](#))
- I. San Francisco Public Utilities Commission Hydrological Conditions Report for March 2013 ([attachment](#))
- J. San Francisco Public Utilities Commission Hydrological Conditions Report for April 2013 ([attachment](#))

#### 5) MEETINGS ATTENDED / DIRECTOR COMMENTS

#### 6) PUBLIC HEARING - PROPOSED INCREASE IN TRANSMISSION & STORAGE FEES ([attachment](#))

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

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

- 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: 5/1/2013 - 10:19 AM



Check Number	Vendor No	Vendor Name	Check Date	Void Checks	Check Amount
18697	AFE01	A FESTIVE AFFAIR	04/12/2013	0.00	767.50
18698	ALL04	ALLIED WASTE SERVICES #9:	04/12/2013	0.00	333.63
18699	ASS01	HEALTH BENEFITS ACWA/JPI	04/12/2013	0.00	22,262.71
18700	ASS08	ASSOC. CALIF. WATER AGEN	04/12/2013	0.00	11,134.00
18701	ATT02	AT&T	04/12/2013	0.00	1,645.39
18702	BFI02	BFI OF CALIFORNIA, INC.	04/12/2013	0.00	1,569.92
18703	BRE01	CATHLEEN BRENNAN	04/12/2013	0.00	153.03
18704	COA15	COASTSIDE NET, INC	04/12/2013	0.00	130.77
18705	HAR03	HARTFORD LIFE INSURANCE	04/12/2013	0.00	1,827.66
18706	HAS01	HASSETT HARDWARE	04/12/2013	0.00	853.77
18707	ICM01	VANTAGEPOINT TRANSFER /	04/12/2013	0.00	40.00
18708	KAI01	KAISER FOUNDATION HEAL	04/12/2013	0.00	9,959.00
18709	PAC01	PACIFIC GAS & ELECTRIC CO	04/12/2013	0.00	19,061.64
18710	PUB01	PUB. EMP. RETIRE SYSTEM	04/12/2013	0.00	18,607.52
18711	SAN20	SAN FRANCISCO FIRE CREDI	04/12/2013	0.00	300.00
18712	VAL01	VALIC	04/12/2013	0.00	1,400.00
18713	HAL07	HALF MOON BAY POSTMAST	04/19/2013	0.00	4,000.00
18714	A1001	A-1 SEPTIC TANK SERVICE	04/25/2013	0.00	525.00
18715	ACC02	ACCURATE AIR ENGINEERIN	04/25/2013	0.00	1,634.12
18716	ADP01	ADP, INC.	04/25/2013	0.00	673.40
18717	ADV02	FRANK YAMELLO	04/25/2013	0.00	235.00
18718	AFE01	A FESTIVE AFFAIR	04/25/2013	0.00	767.50
18719	AME09	AMERICAN WATER WORKS A	04/25/2013	0.00	1,785.00
18720	AND01	ANDREINI BROS. INC.	04/25/2013	0.00	210.00
18721	AND10	ANDERSON PACIFIC ENGINEI	04/25/2013	0.00	661,097.76
18722	ARB01	ARBORWELL	04/25/2013	0.00	3,138.00
18723	ATT03	AT&T LONG DISTANCE	04/25/2013	0.00	195.51
18724	AZT01	AZTEC GARDENS, INC.	04/25/2013	0.00	190.00
18725	BAL04	BALANCE HYDROLOGICS, IN	04/25/2013	0.00	1,697.41
18726	BAR01	BARTKIEWICZ, KRONICK & S	04/25/2013	0.00	750.00
18727	BAY05	BAY AREA WATER SUPPLY &	04/25/2013	0.00	5,572.25
18728	BAY10	BAY ALARM COMPANY	04/25/2013	0.00	917.51
18729	BIG02	BIG ED'S CRANE SERVICE, IN	04/25/2013	0.00	1,738.00
18730	BOR01	BORGES & MAHONEY, INC.	04/25/2013	0.00	326.08
18731	CAL06	CALIFORNIA GENERATOR SE	04/25/2013	0.00	3,618.82
18732	CAL08	CALCON SYSTEMS, INC.	04/25/2013	0.00	982.57
18733	CAL11	CALIFORNIA C.A.D. SOLUTIO	04/25/2013	0.00	3,562.50
18734	CAR02	CAROLYN STANFIELD	04/25/2013	0.00	485.00
18735	COA19	COASTSIDE COUNTY WATER	04/25/2013	0.00	257.22
18736	CSG01	CSG SYSTEMS, INC	04/25/2013	0.00	2,776.37
18737	CUL01	CULLIGAN SANTA CLARA, C	04/25/2013	0.00	160.20
18738	DIC01	DAVID DICKSON	04/25/2013	0.00	223.91
18739	EKI01	EKI INC.	04/25/2013	0.00	1,245.32
18740	ELE01	ELECSYS INTERNATIONAL C	04/25/2013	0.00	2,530.80
18741	ENV01	ENVIROTROL	04/25/2013	0.00	1,889.47

Check Number	Vendor No	Vendor Name	Check Date	Void Checks	Check Amount
18742	FIR06	FIRST NATIONAL BANK	04/25/2013	0.00	1,374.77
18743	GEM01	GEMPLER'S, INC.	04/25/2013	0.00	1,145.11
18744	GUI01	JOE GUISTINO	04/25/2013	0.00	125.65
18745	HAL01	HMB BLDG. & GARDEN INC.	04/25/2013	0.00	260.75
18746	HAL04	HALF MOON BAY REVIEW	04/25/2013	0.00	1,375.00
18747	HAL24	H.M.B.AUTO PARTS	04/25/2013	0.00	195.98
18748	HAN01	HANSONBRIDGETT. LLP	04/25/2013	0.00	4,501.10
18749	HAR03	HARTFORD LIFE INSURANCE	04/25/2013	0.00	1,827.66
18750	ICM01	VANTAGEPOINT TRANSFER /	04/25/2013	0.00	40.00
18751	IRO01	IRON MOUNTAIN	04/25/2013	0.00	418.10
18752	IRV01	IRVINE CONSULTING SERVIC	04/25/2013	0.00	2,600.00
18753	JOB02	JOBS AVAILABLE	04/25/2013	0.00	45.00
18754	KEE02	ALICE KEETON	04/25/2013	0.00	84.99
18755	KEN03	KENNEDY/JENKS CONSULTA	04/25/2013	0.00	27,075.29
18756	LOM01	GLENNA LOMBARDI	04/25/2013	0.00	99.00
18757	MET06	METLIFE SBC	04/25/2013	0.00	1,331.38
18758	MIL01	GEORGE MILLER	04/25/2013	0.00	100.00
18759	MIS01	MISSION UNIFORM SERVICES	04/25/2013	0.00	212.66
18760	NTU01	NTU TECHNOLOGIES, INC	04/25/2013	0.00	551.00
18761	OFF01	OFFICE DEPOT	04/25/2013	0.00	710.09
18762	ONL01	ONLINE RESOURCES	04/25/2013	0.00	150.00
18763	ONT01	ONTRAC	04/25/2013	0.00	275.22
18764	PAC06	PACIFICA COMMUNITY TV	04/25/2013	0.00	250.00
18765	PAU01	PAULO'S AUTO CARE	04/25/2013	0.00	246.03
18766	PIT04	PITNEY BOWES	04/25/2013	0.00	198.00
18767	POL01	POLLARDWATER.COM	04/25/2013	0.00	2,093.85
18768	PUB01	PUB. EMP. RETIRE SYSTEM	04/25/2013	0.00	18,637.00
18769	PUM01	PUMP REPAIR SERVICE CO. IT	04/25/2013	0.00	31,627.75
18770	RIC02	RICOH AMERICAS CORP	04/25/2013	0.00	823.94
18771	ROB01	ROBERTS & BRUNE CO.	04/25/2013	0.00	634.88
18772	ROG01	ROGUE WEB WORKS, LLC	04/25/2013	0.00	270.00
18773	SAN03	SAN FRANCISCO WATER DEP	04/25/2013	0.00	141,868.42
18774	SAN05	SAN MATEO CTY PUBLIC HE/	04/25/2013	0.00	492.00
18775	SAN20	SAN FRANCISCO FIRE CREDI	04/25/2013	0.00	300.00
18776	SER03	SERVICE PRESS	04/25/2013	0.00	1,482.05
18777	STO01	STOLOSKI & GONZALEZ, INC	04/25/2013	0.00	8,127.67
18778	STR02	STRAWFLOWER ELECTRONIC	04/25/2013	0.00	35.85
18779	TEA02	TEAMSTERS LOCAL UNION #	04/25/2013	0.00	743.00
18780	TET01	JAMES TETER	04/25/2013	0.00	5,535.03
18781	UB*01129	MATTHEW CONNORS	04/25/2013	0.00	52.77
18782	UB*01130	BRADFORD BELL	04/25/2013	0.00	28.55
18783	UB*01131	RICK FLETCHER	04/25/2013	0.00	35.43
18784	UB*01132	KEVIN ANDERSEN	04/25/2013	0.00	41.62
18785	UB*01133	CELESTE JOLIE	04/25/2013	0.00	75.00
18786	UB*01134	CORY GEISLER	04/25/2013	0.00	46.21
18787	UB*01135	LORRAINE DAHLER/ERIC GO	04/25/2013	0.00	66.97
18788	UB*01136	VANESSA EVANS	04/25/2013	0.00	9.97
18789	UB*01137	WINDWARD PROPERTY	04/25/2013	0.00	12.62
18790	UNI07	UNITED STATES POSTAL SER	04/25/2013	0.00	600.00
18791	UNI15	UNIVAR USA INC	04/25/2013	0.00	2,762.34
18792	UPS01	UPS STORE	04/25/2013	0.00	103.65
18793	VAL01	VALIC	04/25/2013	0.00	1,400.00
18794	VER02	VERIZON WIRELESS	04/25/2013	0.00	335.57
18795	WHE01	VIRGINIA WHELEN	04/25/2013	0.00	203.90
18796	WIL05	WILSEY HAM	04/25/2013	0.00	5,728.00

Check Number	Vendor No	Vendor Name	Check Date	Void Checks	Check Amount
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Report Total:

0.00

1,062,598.08

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**COASTSIDE COUNTY WATER DISTRICT - PERIOD BUDGET ANALYSIS**  
**30-Apr-13**

ACCOUNT	DESCRIPTION	CURRENT ACTUAL	CURRENT BUDGET	B/(W) VARIANCE	B/(W) % VAR	YTD ACTUAL	YTD BUDGET	B/(W) VARIANCE	B/(W) % VAR
<b>OPERATING REVENUE</b>									
1-0-4120-00	Water Revenue -All Areas	617,219.33	549,805.00	67,414.33	12.3%	6,224,010.59	5,803,970.00	420,040.59	7.2%
<b>TOTAL OPERATING REVENUE</b>		<b>617,219.33</b>	<b>549,805.00</b>	<b>67,414.33</b>	<b>12.3%</b>	<b>6,224,010.59</b>	<b>5,803,970.00</b>	<b>420,040.59</b>	<b>7.2%</b>
<b>NON-OPERATING REVENUE</b>									
1-0-4170-00	Water Taken From Hydrants	1,349.95	2,083.33	(733.38)	-35.2%	20,617.65	20,833.30	(215.65)	-1.0%
1-0-4180-00	Late Notice -10% Penalty	3,875.00	4,167.00	(292.00)	-7.0%	63,512.63	41,670.00	21,842.63	52.4%
1-0-4230-00	Service Connections	3,862.10	666.66	3,195.44	479.3%	12,740.89	6,666.60	6,074.29	91.1%
1-0-4920-00	Interest Earned	692.05	885.00	(192.95)	0.0%	3,264.47	3,540.00	(275.53)	-7.8%
1-0-4930-00	Tax Apportionments/Cnty Checks	226,158.74	200,000.00	26,158.74	0.0%	624,826.43	595,000.00	29,826.43	5.0%
1-0-4950-00	Miscellaneous Income	250.73	3,083.33	(2,832.60)	-91.9%	26,996.77	30,833.30	(3,836.53)	-12.4%
1-0-4955-00	Cell Site Lease Income	10,165.30	9,793.66	371.64	3.8%	100,810.41	97,936.60	2,873.81	2.9%
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%
<b>TOTAL NON-OPERATING REVENUE</b>		<b>246,353.87</b>	<b>220,678.98</b>	<b>25,674.89</b>	<b>11.6%</b>	<b>1,060,964.59</b>	<b>896,479.80</b>	<b>164,484.79</b>	<b>18.3%</b>
<b>TOTAL REVENUES</b>		<b>863,573.20</b>	<b>770,483.98</b>	<b>93,089.22</b>	<b>12.1%</b>	<b>7,284,975.18</b>	<b>6,700,449.80</b>	<b>584,525.38</b>	<b>8.7%</b>
<b>OPERATING EXPENSES</b>									
1-1-5130-00	Water Purchased	141,868.42	97,809.00	(44,059.42)	-45.0%	1,565,525.41	1,454,237.00	(111,288.41)	-7.7%
1-1-5230-00	Pump Exp, Nunes T P	1,899.82	1,614.00	(285.82)	-17.7%	20,847.10	18,971.00	(1,876.10)	-9.9%
1-1-5231-00	Pump Exp, CSP Pump Station	9,303.34	3,257.00	(6,046.34)	-185.6%	232,482.30	208,688.00	(23,794.30)	-11.4%
1-1-5232-00	Pump Exp, Trans. & Dist.	779.39	865.00	85.61	9.9%	10,006.68	9,293.00	(713.68)	-7.7%
1-1-5233-00	Pump Exp, Pilarcitos Can.	3,848.16	3,725.00	(123.16)	-3.3%	13,202.88	17,093.00	3,890.12	22.8%
1-1-5234-00	Pump Exp. Denniston Proj.	2,564.39	6,837.00	4,272.61	62.5%	9,548.69	69,832.00	60,283.31	86.3%
1-1-5235-00	Denniston T.P. Operations	3,723.15	1,838.00	(1,885.15)	-102.6%	19,987.50	18,772.00	(1,215.50)	-6.5%
1-1-5236-00	Denniston T.P. Maintenance	980.60	3,000.00	2,019.40	67.3%	16,889.01	30,000.00	13,110.99	43.7%
1-1-5240-00	Nunes T P Operations	3,114.70	6,811.00	3,696.30	54.3%	66,224.29	77,256.00	11,031.71	14.3%
1-1-5241-00	Nunes T P Maintenance	3,603.52	3,333.33	(270.19)	-8.1%	39,998.81	33,333.30	(6,665.51)	-20.0%
1-1-5242-00	CSP Pump Station Operations	910.65	708.00	(202.65)	-28.6%	8,143.94	7,080.00	(1,063.94)	-15.0%
1-1-5243-00	CSP Pump Station Maintenance	4,118.91	3,333.00	(785.91)	-23.6%	27,062.00	33,330.00	6,268.00	18.8%
1-1-5250-00	Laboratory Services	767.22	791.00	23.78	3.0%	21,005.76	38,098.00	17,092.24	44.9%
1-1-5318-00	Studies/Surveys/Consulting	0.00	5,666.60	5,666.60	100.0%	0.00	56,666.00	56,666.00	100.0%
1-1-5321-00	Water Conservation	1,132.99	6,183.00	5,050.01	81.7%	22,024.38	61,830.00	39,805.62	64.4%
1-1-5322-00	Community Outreach	3,783.52	2,933.00	(850.52)	-29.0%	19,586.97	29,330.00	9,743.03	33.2%
1-1-5411-00	Salaries & Wages -Field	75,083.11	75,793.77	710.66	0.9%	791,636.81	833,731.46	42,094.65	5.0%
1-1-5412-00	Maintenance -General	10,935.23	13,650.00	2,714.77	19.9%	144,790.92	136,500.00	(8,290.92)	-6.1%

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	643.56	3,720.00	3,076.44	82.7%	58,969.93	37,200.00	(21,769.93)	-58.5%
1-1-5415-00	Maintenance -Well Fields	0.00	500.00	500.00	100.0%	14,307.90	5,000.00	(9,307.90)	-186.2%
1-1-5610-00	Salaries/Wages-Administration	49,682.51	50,978.77	1,296.26	2.5%	536,799.49	560,766.44	23,966.95	4.3%
1-1-5620-00	Office Supplies & Expense	12,559.33	10,885.00	(1,674.33)	-15.4%	89,997.30	108,850.00	18,852.70	17.3%
1-1-5621-00	Computer Services	5,985.48	6,250.00	264.52	4.2%	36,064.74	62,500.00	26,435.26	42.3%
1-1-5625-00	Meetings / Training / Seminars	737.71	1,666.66	928.95	55.7%	13,633.06	16,666.60	3,033.54	18.2%
1-1-5630-00	Insurance	16,998.83	18,750.00	1,751.17	9.3%	88,071.28	112,500.00	24,428.72	21.7%
1-1-5635-00	EE/Ret. Medical Insurance	31,231.50	37,656.83	6,425.33	17.1%	301,337.57	376,568.30	75,230.73	20.0%
1-1-5640-00	Employees Retirement Plan	35,058.94	37,428.38	2,369.44	6.3%	379,184.33	411,712.18	32,527.85	7.9%
1-1-5645-00	SIP 401K Plan	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
1-1-5681-00	Legal	1,981.10	5,000.00	3,018.90	60.4%	30,285.30	50,000.00	19,714.70	39.4%
1-1-5682-00	Engineering	902.50	1,166.66	264.16	22.6%	4,213.03	11,666.60	7,453.57	63.9%
1-1-5683-00	Financial Services	0.00	0.00	0.00	0.0%	13,775.00	23,500.00	9,725.00	0.0%
1-1-5684-00	Payroll Tax Expense	9,557.95	9,066.69	(491.26)	-5.4%	94,958.47	99,733.58	4,775.11	4.8%
1-1-5687-00	Membership, Dues, Subscript.	7,603.19	5,366.66	(2,236.53)	-41.7%	45,837.84	53,666.60	7,828.76	14.6%
1-1-5688-00	Election Expenses	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
1-1-5689-00	Labor Relations	0.00	500.00	500.00	100.0%	0.00	5,000.00	5,000.00	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	1,800.00	1,800.00	0.0%	11,231.94	18,600.00	7,368.06	0.0%
<b>TOTAL OPERATING EXPENSES</b>		<b>441,359.72</b>	<b>428,883.35</b>	<b>(12,476.37)</b>	<b>-2.9%</b>	<b>4,761,729.91</b>	<b>5,103,871.06</b>	<b>342,141.15</b>	<b>6.7%</b>
<b>CAPITAL ACCOUNTS</b>									
1-1-5711-00	Debt Srvc/Existing Bonds 1998A	0.00	0.00	0.00	0.0%	265,272.26	265,273.00	0.74	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%
<b>TOTAL CAPITAL ACCOUNTS</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>1,101,644.72</b>	<b>1,100,210.00</b>	<b>(1,434.72)</b>	<b>-0.1%</b>
<b>TOTAL EXPENSES</b>		<b>441,359.72</b>	<b>428,883.35</b>	<b>(12,476.37)</b>	<b>-2.9%</b>	<b>5,863,374.63</b>	<b>6,204,081.06</b>	<b>340,706.43</b>	<b>5.5%</b>
<b>NET INCOME</b>		<b>422,213.48</b>				<b>1,421,600.55</b>			



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

**RESERVE BALANCES**

CAPITAL AND OPERATING RESERVE	\$2,413,399.42
RATE STABILIZATION RESERVE	\$250,000.00
<b>TOTAL DISTRICT RESERVES</b>	<b>\$2,663,399.42</b>

**ACCOUNT DETAIL**

ACCOUNTS WITH FIRST NATIONAL BANK (FNB)	
CHECKING ACCOUNT	\$1,041,053.53
CSP T & S ACCOUNT	\$605,977.32
LOCAL AGENCY INVESTMENT FUND (LAIF) BALANCE	\$1,015,738.57
DISTRICT CASH ON HAND	\$630.00
<b>TOTAL ACCOUNT BALANCES</b>	<b>\$2,663,399.42</b>

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

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

4/30/2013

		Approved CIP Budget FY 12/13	Actual To Date FY 12/13	Projected Year-End FY 12/13	Projected vs. Budget Variance	Project Status/ Comments
<b>PIPELINE PROJECTS</b>						
06-01	Avenue Cabrillo Phase 1 (Construction)	\$ 550,000	402,800	\$ 425,000	\$ 125,000	Complete
07-03	Pilarcitos Canyon Pipeline Replacement	\$ 100,000	18,486	\$ 75,000	\$ 25,000	Feasibility study, CEQA re qd by SFPUC
	Main Street Pipeline Replacement Project	\$ 90,000			\$ 90,000	Depends on HMB
	Railroad Avenue Pipeline Replacement Project	\$ 148,000	152,098	\$ 130,000	\$ 18,000	Complete
	Avenue Portola Pipeline Replacement Project	\$ 100,000	17,252	\$ 100,000	\$ -	Andreini was low bid

**WATER TREATMENT PLANTS**

99-05	Denniston Intake Maintenance	\$ 31,000	\$ 30,099	\$ 31,000	\$ -	Completed
	Denniston - Intake Construction	\$ 100,000		\$ -	\$ 100,000	Replaced screens during intake maintenance
	Denniston - Treated Water Booster Station	\$ 200,000			\$ 200,000	Moved to FY 13/14
	Nunes Flash Mixer	\$ 15,000	\$ 17,840	\$ 18,000	\$ (3,000)	Mixer received, staff to install
	Nunes SCADA Integration	\$ 75,000	\$ 2,538	\$ 75,000	\$ -	
	Nunes Sludge Ponds Level Indication	\$ 15,000	\$ 10,272	\$ 11,000	\$ 4,000	Complete
	Nunes - Replace Washwater Return Pump #2	\$ 25,000		\$ 25,000	\$ -	Complete

**FACILITIES & MAINTENANCE**

08-08	PRV Valves Replacement Program	\$ 20,000	\$ 30,371	\$ 20,000	\$ -	
99-01	Meter Change Program	\$ 30,000		\$ 30,000	\$ -	
09-09	Fire Hydrant Replacement	\$ 20,000	\$ 8,301	\$ 20,000	\$ -	Ongoing
09-23	District Digital Mapping	\$ 50,000	\$ 49,601	\$ 92,000	\$ (42,000)	GPS locating District assets

**EQUIPMENT PURCHASE & REPLACEMENT**

99-03	Computer System	\$ 6,000	\$ 1,837	\$ 6,000	\$ -	
99-04	Office Equipment/Furniture	\$ 3,000	\$ 1,104	\$ 3,000	\$ -	
06-03	SCADA / Telemetry / Electrical Controls	\$ 750,000	\$ 3,901	\$ 50,000	\$ 700,000	
	Dump Truck	\$ 100,000	\$ 135,986	\$ 135,986	\$ (35,986)	Arrived 11/30/2012

**PUMP STATIONS / TANKS / WELLS**

	Crystal Springs Rebuild Spare 500 HP	\$ 25,000	\$ 38,162	\$ 40,000	\$ (15,000)	Complete
	Crystal Springs Surge Tank Control Improvements	\$ 30,000			\$ 30,000	Merged with CSPS New Air Control for Surge Tank - Moved to FY 13/14
	Crystal Springs Check Valve Replacement	\$ 25,000	\$ 12,024	\$ 25,000	\$ -	In progress
	CSPS New Air Control for Surge Tank	\$ 50,000			\$ 50,000	Merged with CSPS Surge Tank Controls Improvements - Moved to FY 13/14
06-05	Well Rehabilitation - Denniston #2	\$ 35,000		\$ 35,000	\$ -	Spring 2013
08-14	Alves Tank Recoating (Interior/Exterior)	\$ 100,000			\$ 100,000	Postpone to FY14
	Alves Tank Altitude Valve	\$ 50,000			\$ 50,000	Postpone to FY14
	EG Tank #2 Electrical Panel Upgrade & Pump	\$ 50,000	\$ 30,529	\$ 31,000	\$ 19,000	Complete
08-17	EG Tank #2 Recoat & Ladder	\$ 200,000	\$ 39,721	\$ 200,000	\$ -	Will go out to bid in May
	EG Tank #2 Fence Replacement	\$ 25,000		\$ 25,000	\$ -	Postpone to FY14
	Pump Station Chlorine Analyzer Replacements (4)	\$ 10,000			\$ 10,000	Complete (FY 11/12)
	Pilarcitos Canyon Blending Station	\$ 20,000	\$ 29,997	\$ 60,000	\$ (40,000)	Flow probe ordered, Calcon will install

**DENNISTON WTP (LONG-TERM) IMPROVEMENT**

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

4/30/2013

		Approved CIP Budget FY 12/13	Actual To Date FY 12/13	Projected Year-End FY 12/13	Projected vs. Budget Variance	Project Status/ Comments
08-23	Denniston WTP Improvement Project	\$ 1,500,000	\$ 3,426,386	\$ 2,800,000	\$ (1,300,000)	Plant startup January 2013

**WATER SUPPLY DEVELOPMENT**

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

**FY 12-13 TOTALS \$ 4,873,000 \$ 4,459,303 \$ 4,462,986 \$ 410,014**

**Previous CIP Projects - paid in FY 12/13**

	HMB Tank #1 Interior/Exterior Recoating		\$ 45,765			
	Denniston Water Supply Development		\$ 77,323			
	Denniston/San Vicente EIR		\$ 25,282			

**PREVIOUS YEAR TOTALS \$ - \$ 148,370 \$ - \$ -**

**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		\$ 170,617			Begin work on November 14, 2012
	Cahill Tank Repairs		\$ 6,962			
	Main Street Bridge Replacement Project		\$ 544			
	San Benito Street Pipeline Replacment		\$ 423			

**NON-BUDGETED TOTALS \$ - \$ 222,625 \$ - \$ -**

**CIP TOTALS \$ 4,873,000 \$ 4,830,297 \$ 4,462,986**

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

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

<b>Month</b>	<b>Admin (General Legal Fees)</b>	<b>Water Supply Develpmnt</b>	<b>Transfer Program</b>	<b>CIP</b>	<b>Denniston WTP Improvements Project</b>	<b>Personnel</b>	<b>Lawsuits</b>	<b>Infrastructure Project Review  (Reimbursable)</b>	<b>TOTAL</b>
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<b>May-12</b>	4,524		410	6,258				1,365	12,556
<b>Jun-12</b>	3,192				2,059			878	6,129
<b>Jul-12</b>	2,553		410	473				737	4,173
<b>Aug-12</b>	5,351		410					2,375	8,135
<b>Sep-12</b>	7,664		382						8,046
<b>Oct-12</b>	1,304		328	2,862					4,493
<b>Nov-12</b>	1,709	2,675		928				410	5,722
<b>Dec-12</b>	2,457	710		382					3,549
<b>Jan-13</b>	901							519	1,420
<b>Feb-13</b>	3,195			55				491	3,741
<b>Mar-13</b>	6,782	364						56	7,202
<b>Apr-13</b>	1,981	420						2,100	4,501

<b>TOTAL</b>	<b>41,612</b>	<b>4,169</b>	<b>1,938</b>	<b>10,958</b>	<b>2,059</b>	<b>0</b>	<b>0</b>	<b>8,931</b>	<b>69,667</b>
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**Engineer Cost Tracking Report  
12 Months At-A-Glance**

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

<b>Month</b>	<b>Admin &amp; Retainer</b>	<b>CIP</b>	<b>Short Term WTP Imprv.</b>	<b>Studies &amp; Projects</b>	<b>TOTAL</b>	<b>Reimbursable from Projects</b>
<b>May-12</b>	480	14,643			<b>15,123</b>	
<b>Jun-12</b>	240	4,551			<b>4,791</b>	
<b>Jul-12</b>	240	8,948		1,183	<b>10,371</b>	1,183
<b>Aug-12</b>	480	459		1,099	<b>2,038</b>	
<b>Sep-12</b>	480	9,600		1,775	<b>11,855</b>	1,775
<b>Oct-12</b>	649	5,762		3,033	<b>9,444</b>	3,033
<b>Nov-12</b>	480	4,627		3,141	<b>8,247</b>	3,141
<b>Dec-12</b>	360	8,362		23	<b>8,744</b>	23
<b>Jan-13</b>	480	11,243			<b>11,723</b>	
<b>Feb-13</b>	502	8,604		187	<b>9,292</b>	187
<b>Mar-13</b>	360	5,671		169	<b>6,200</b>	169
<b>Apr-13</b>	903	3,987		646	<b>5,535</b>	646
<b>TOTAL</b>	<b>5,653</b>	<b>86,457</b>	<b>0</b>	<b>11,254</b>	<b>103,364</b>	<b>10,156</b>

**COASTSIDE COUNTY WATER DISTRICT**

**766 MAIN STREET**

**HALF MOON BAY, CA 94019**

**MINUTES OF THE BOARD OF DIRECTORS MEETING**

**Tuesday, April 9, 2013**

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

Also present were: David Dickson, General Manager; Joe Guistino, Superintendent of Operations, David Gehrig, Legal Counsel; Cathleen Brennan, Water Resources Analyst; JoAnne Whelen, Administrative Assistant/Recording Secretary; and Gina Brazil, Office Manager.

- 2) **PLEDGE OF ALLEGIANCE**

- 3) **PUBLIC COMMENT:**

Jeff Tarantino, Project Manager with Erler & Kalinowski, Inc. (EKI) – Stated that he has had the opportunity to work with the District and that he and his colleague, Michael Steiger, were attending this Board meeting to learn more about the District, the District's budget and local coastside issues.

- 4) **CONSENT CALENDAR**

- A. Approval of disbursements for the month ending March 31, 2013:  
Claims: \$618,122.63; Payroll: \$103,675.44; for a total of \$721,798.07
- B. Acceptance of Financial Reports
- C. Approval of Minutes of March 12, 2013 Regular Board of Directors Meeting
- D. Installed Water Connection Capacity and Water Meters Report
- E. Total CCWD Production Report
- F. CCWD Monthly Sales by Category Report – March 2013
- G. March 2013 Leak Report
- H. Rainfall Reports
- I. Notice of Completion – Phase 1 Avenue Cabrillo Pipeline Replacement Project

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

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

<b>Director Mickelsen</b>	<b>Aye</b>
<b>Vice-President Reynolds</b>	<b>Aye</b>
<b>Director Hannegan</b>	<b>Absent</b>
<b>Director Feldman</b>	<b>Aye</b>
<b>President Coverdell</b>	<b>Aye</b>

**5) MEETINGS ATTENDED / DIRECTOR COMMENTS**

President Coverdell recounted details from the recent Bay Area Water Supply and Conservation Agency (BAWSCA) Board of Directors meeting, noting that it was a sentimental and bittersweet meeting due to tendering the resignation of Art Jensen, Chief Executive Officer. He provided updates on the bond sales and debt repayment to San Francisco Public Utilities Commission (SFPUC) by the member agencies and on the progress of the Water System Improvement Program. President Coverdell answered a few questions from the Board about securing a replacement for Mr. Jensen, at which time he announced that the Board would proceed with discussion of item 6B, a related topic, regarding the appointment of a Director to the BAWSCA Board of Directors.

**6) GENERAL BUSINESS**

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

President Coverdell introduced this item, stating that although the appointee need not be a member of the CCWD Board of Directors, he personally does not plan to run for election again when his term expires on the CCWD Board in November of 2015, and therefore did not feel that it was appropriate for him to be appointed to this position for another term. President Coverdell recommended that Director Mickelsen be considered for the position.

Director Mickelsen expressed an interest in fulfilling the position, stating that it would be an honor to serve another term as the District's representative on this BAWSCA Board.

**ON MOTION BY President Coverdell and seconded by Vice-President Reynolds, the Board voted as follows, by roll call vote, to appoint Director Chris Mickelsen to serve a four-year term on the Board of Directors of the Bay Area Water Supply & Conservation Agency and the Bay Area Regional Water System Financing Authority, effective July 1, 2013 or as soon thereafter as the oath of office has been administered and executed:**

<b>Director Mickelsen</b>	<b>Aye</b>
<b>Vice-President Reynolds</b>	<b>Aye</b>
<b>Director Hannegan</b>	<b>Absent</b>
<b>Director Feldman</b>	<b>Aye</b>
<b>President Coverdell</b>	<b>Aye</b>

Mr. Dickson explained further details about the transition process and it was decided that Director Mickelsen would be sworn in to the position as the District's representative to BAWSCA following the June 30, 2013 expiration of President Coverdell's term.

Mr. Dickson also took this opportunity to introduce Mr. David Gehrig, Legal Counsel, from Hanson Bridgett LLP, who was filling in for Patrick Miyaki for the meeting.

**A. Award of Contract for the Avenue Portola Pipeline Replacement Project**

Mr. Guistino described the nature and urgency of this project, and advised that Andreini Bros., Inc. submitted the low bid of \$95,965.00 and that staff is requesting the Board to approve entering into an agreement with the contractor.

**ON MOTION BY Vice-President Reynolds, and seconded by Director Mickelsen, the Board voted as follows, by roll call vote, to direct staff to enter into a contractual agreement with Andreini Bros., Inc. for the Avenue Portola Pipeline Replacement Project:**

<b>Director Mickelsen</b>	<b>Aye</b>
<b>Vice-President Reynolds</b>	<b>Aye</b>
<b>Director Hannegan</b>	<b>Absent</b>
<b>Director Feldman</b>	<b>Aye</b>
<b>President Coverdell</b>	<b>Aye</b>

**C. Third Quarter Year-To-Date Financial Review**

Mr. Dickson presented the third quarter financial reports, noting that the District is on track with respect to expenses and that District revenues are



significantly higher than anticipated. There were no comments or questions from the Board members.

**D. Proposed Fiscal Year 2013-2014 Budget, Fiscal Year 2013/14 to 2022/23 Capital Improvement Program, and Fiscal Year 2013/14 to 2022/23 Financing Plan**

Mr. Dickson presented the budget, reviewing details of the 2013-2014 Budget Highlights, and the 2013-2014 Revenue Sources and Expenses. He then focused on the 2013-14 and 2022/23 Capital Improvement Highlights, including total project costs, a breakdown of expenditures planned for 2013-2014 and the amount designated for pipeline projects. He also presented a map from the District's GIS system which displayed the District's planned CIP projects, with an emphasis on pipeline replacement projects.

Next, Mr. Dickson focused on the process used for determining the proposed rate increase by taking into consideration the Fiscal Year Revenue and Expense Budget and Capital Improvement Program, which ties into the District's Financing Plan Model, to determine a projection of rate increases. Mr. Dickson then demonstrated what a 9% rate increase would mean for a typical water bill and reviewed staff's recommendation to set a public hearing on the proposed rate increase for June 11, 2013 at 7:00 p.m., and approve the Proposition 218 Notice. He also briefly discussed placeholders for two proposed new staff positions, which he has previously discussed with the District's Human Resources Committee, and would be discussing in greater detail with the Board at the June 11<sup>th</sup> 2013 meeting.

Director Feldman thanked staff for the explicit and impressive work completed on the Capital Improvement Plan. A brief discussion ensued regarding details of the Highway 1 South Pipeline Replacement Project.

With participation from the Board, Mr. Dickson then utilized the Financing Plan Model to demonstrate the effects of a series of alternative rate increases. Discussion ensued with the Board members stating their opinions about the amount of the proposed rate increases that they felt would best serve the District and its customers. The consensus of the Board was in agreement with Mr. Dickson's proposed 2013-2014 Plan, calling for a rate increase of 9% for the 2013-2014 Fiscal Year, followed by lower increases in subsequent years.

**ON MOTION BY Director Feldman, and seconded by Vice-President Reynolds, a rate increase of 8 percent was proposed for the Fiscal Year 2013-2014.**

The Board continued to discuss the amount of the proposed increases, at which point Vice-President Reynolds withdrew his second of the motion. Discussion continued, with Mr. Dickson clarifying that the decision before the Board at this meeting was limited to setting the maximum rate increase for the purpose of the Proposition 218 rate increase notice, which prompted the Board to advance to discussion of item 6E.

**E. Schedule a Public Hearing on Proposed Rate Increase and Authorize Issuance of a Notice of Public Hearing and Proposed Rate Increase**

**ON MOTION BY Vice-President Reynolds, and seconded by Director Mickelsen, the Board voted as follows, by roll call vote, to schedule a Public Hearing on Proposed Rate Increase not to exceed 9% for Fiscal Year 2013-2014 and Authorize Issuance of a Notice of Public Hearing and Proposed Rate Increase:**

Director Mickelsen	Aye
Vice-President Reynolds	Aye
Director Hannegan	Absent
Director Feldman	No
President Coverdell	Aye

**ON MOTION BY Vice-President Reynolds, and seconded by Director Mickelsen, the Board voted as follows, by roll call vote, to schedule the Public Hearing on the proposed rate increase for June 11, 2013 at 7:00 p.m:**

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

**7) GENERAL MANAGER'S REPORT**

**Denniston Water Treatment Plant Celebration and Tour**

Mr. Dickson informed the Board that the date has been scheduled for a celebration and tour of the completion of the Denniston Water Treatment Plant for Thursday, May 2, 2013 from 9:30 a.m. to 12:30 p.m.

Mr. Dickson also reiterated that he would not be present for the May 14, 2013 Board meeting

**A     Operations Report**

Mr. Guistino shared some monthly highlights, including the Denniston startup operations, and the Denniston Dredging Amendment.

**B.    Water Resources Report**

Ms. Brennan provided an update on the hydrological conditions for the 2013 Water Year, including local watershed conditions.

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

There were no comments or requests from the Board members.

**9)    ADJOURNMENT**

**ON MOTION BY Vice-President Reynolds, and seconded by Director Mickelsen, the Board voted as follows, to adjourn the April 9, 2013 meeting of the Coastside County Water District's Board of Directors**

<b>Director Mickelsen</b>	<b>Aye</b>
<b>Vice-President Reynolds</b>	<b>Aye</b>
<b>Director Hannegan</b>	<b>Absent</b>
<b>Director Feldman</b>	<b>Aye</b>
<b>President Coverdell</b>	<b>Aye</b>

The meeting was adjourned at 8:47 p.m. The next meeting of the Coastside County Water District's Board of Directors will be on Tuesday, May 14, 2013.

Respectfully submitted,

---

David R. Dickson, General Manager  
Secretary of the District

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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
<b>HMB Non-Priority</b>													
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
<b>HMB Priority</b>													
0.5" capacity increase													0
5/8" meter													0
3/4" meter													0
1" meter													0
1 1/2" meter													0
2" meter													0
<b>County Non-Priority</b>													
5/8" meter													0
3/4" meter						1							1
1" meter													0
<b>County Priority</b>													
5/8" meter													0
3/4" meter													0
1" meter													0
<b>Monthly Total</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>20</b>

5/8" meter = 1 connection  
 3/4" meter = 1.5 connections  
 1" meter = 2.5 connections  
 2" meter = 8 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			47.5
HMB Priority													0
County Non-Priority						1.5							1.5
County Priority													0
<b>Monthly Total</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>2.5</b>	<b>1.5</b>	<b>5.5</b>	<b>1</b>	<b>29</b>	<b>3.5</b>	<b>0</b>	<b>0</b>	<b>49</b>

**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								
JUN								
<b>TOTAL</b>	<b>42.41</b>	<b>135.03</b>	<b>0.00</b>	<b>24.80</b>	<b>310.30</b>	<b>592.46</b>	<b>3.42</b>	<b>589.04</b>
% TOTAL	7.2%	22.8%	0.0%	4.2%	52.4%	86.5%	0.58%	99.4%

Taken from Nunes WTP meter minus well production plus skylawn use

**12 Month Running Treated Total 723.23**

**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
<b>TOTAL</b>	<b>48.27</b>	<b>447.52</b>	<b>0.00</b>	<b>0.00</b>	<b>174.89</b>	<b>670.68</b>	<b>4.80</b>	<b>665.87</b>
% TOTAL	7.2%	66.7%	0.0%	0.0%	26.1%	100.0%	0.72%	99.3%

**COASTSIDE COUNTY WATER DISTRICT**

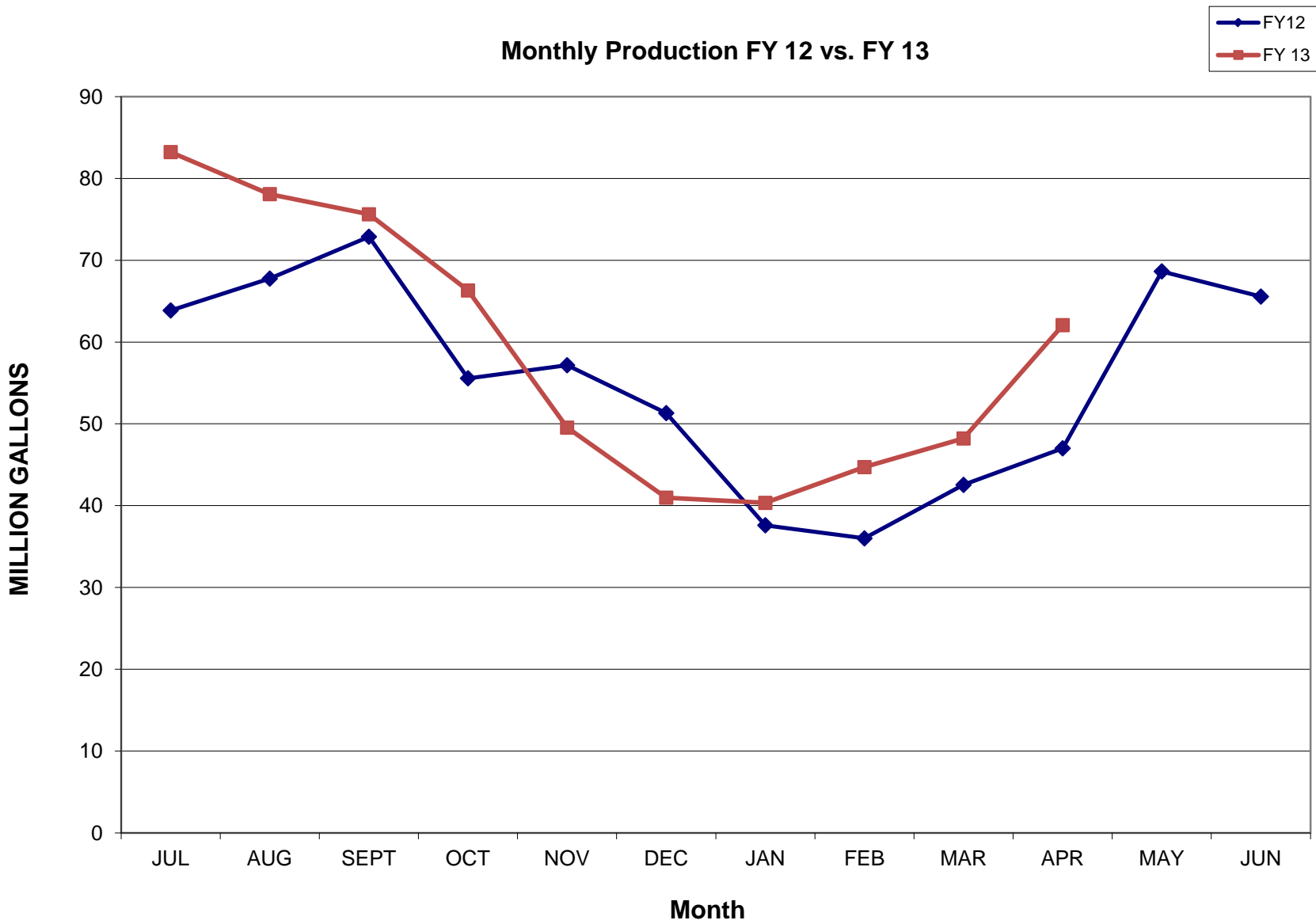
**Predicted vs Actual Production - All Sources FY 13**

	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			#VALUE!			#VALUE!			#VALUE!			#VALUE!			#VALUE!		
Jun-12			#VALUE!			#VALUE!			#VALUE!			#VALUE!			#VALUE!		
<b>MG Totals</b>	<b>24.80</b>	<b>83.45</b>	<b>58.65</b>	<b>0.00</b>	<b>15.50</b>	<b>15.50</b>	<b>42.41</b>	<b>56.09</b>	<b>13.68</b>	<b>135.03</b>	<b>210.11</b>	<b>75.08</b>	<b>310.30</b>	<b>175.41</b>	<b>-134.89</b>	<b>535.26</b>	<b>385.52</b>

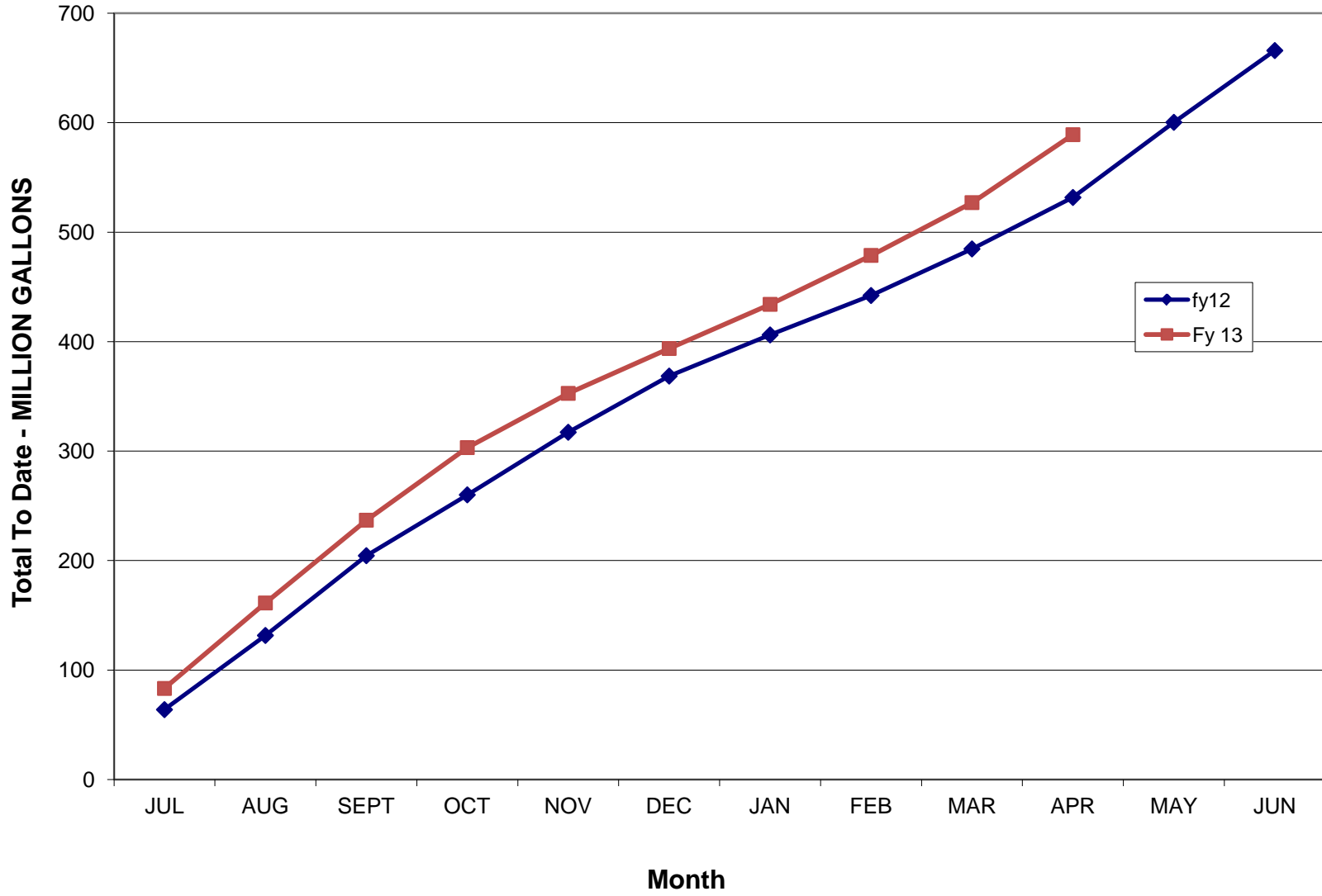
Adjusted (estimated for meter failure)

	Actual non SFPUC	Predicted non SFPUC	Actual SFPUC	Predicted SFPUC	TOTAL Actual	TOTAL Predicted	TOTAL Pred-act
	67.21	155.04	445.34	385.52	512.55	540.56	28.01
<b>% Total</b>	<b>13.11%</b>	<b>28.68%</b>	<b>86.89%</b>	<b>71.32%</b>	<b>94.82%</b>		

Monthly Production FY 12 vs. FY 13



Cumulative Production FY 12 vs. FY13





Plant Water Use*			Unmetered Water							MG	
	Denniston Plant	Nunes Plant	Total	Main Flushing	Detector Checks*	Main Breaks	Fire Dept	Miscellaneous	Tank Level Difference	Total	
JAN	0.202	0.000	0.202	0.088	0.052	0.072	0.002	0.003	-0.248	0.574	
FEB	0.077	0.000	0.077	0.616	0.015	0.027	0.002	0.000	0.033	0.924	
MAR	0.000	0.000	0.000	0.022	0.052	0.032	0.002	0.000	0.063	0.171	
APR	0.000	0.000	0.000	0.023	0.010	0.002	0.002	0.000	0.445	0.482	
MAY	0.000	0.000	0.000							0.000	
JUN	0.000		0.000							0.000	
JUL	0.000		0.000							0.000	
AUG	0.000		0.000							0.000	
SEP	0.000		0.000							0.000	
OCT	0.000		0.000							0.000	
NOV	0.000		0.000							0.000	
DEC	0.000		0.000							0.000	
<b>TOTAL</b>	<b>0.28</b>	<b>0.00</b>	<b>0.28</b>	<b>0.75</b>	<b>0.13</b>	<b>0.13</b>	<b>0.01</b>	<b>0.00</b>	<b>0.29</b>	<b>2.15</b>	

**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			308.38
COMMERCIAL	6.155	1.520	5.183	1.699	4.636	1.450	3.981	1.423	3.830	1.567			31.44
RESTAURANT	3.000	0.223	2.903	0.236	2.533	0.154	2.622	0.179	2.413	0.197			14.46
HOTELS/MOTELS	4.223	1.737	3.863	1.964	2.966	1.451	2.764	1.733	2.130	1.933			24.76
SCHOOLS	2.768	1.976	3.189	1.064	0.383	0.266	0.171	0.523	0.378	0.565			11.28
MULTI DWELL	3.424	2.725	3.155	2.895	2.548	2.385	2.759	2.697	2.311	2.828			27.73
BEACHES/PARKS	0.865	0.053	0.931	0.053	0.777	0.011	0.331	0.008	0.430	0.019			3.48
AGRICULTURE	7.336	4.445	5.284	5.269	3.644	6.045	6.102	6.375	6.076	6.800			57.38
RECREATIONAL	0.064	0.198	0.055	0.197	0.027	0.136	0.033	0.142	0.025	0.133			1.01
MARINE	1.236	0.000	1.266	0.000	1.321	0.000	1.141	0.000	0.819	0.000			5.78
IRRIGATION	15.892	12.567	13.331	9.844	1.320	1.361	0.127	0.619	4.498	4.643			64.20
Portable Meters	0.019	0.432	0.102	0.304	0.000	0.200	0.000	0.144	0.000	0.131			1.33
<b>TOTAL - MG</b>	<b>72.24</b>	<b>75.21</b>	<b>65.70</b>	<b>71.00</b>	<b>43.03</b>	<b>44.38</b>	<b>37.49</b>	<b>46.89</b>	<b>41.53</b>	<b>53.76</b>	<b>0.00</b>	<b>0.00</b>	<b>551.24</b>

Non Residential Usage	44.982	25.876	39.262	23.523	20.156	13.459	20.031	13.844	22.912	18.817	0.000	0.000	
<b>Running 12 Month Tot:</b>										<b>668.01</b>			
12 mo Ave Residential	30.75	31.14	31.32	31.55	31.77	31.72	31.40	30.99	30.97	31.19			
12 mo Ave Non Residen	23.80	24.34	24.95	25.08	24.65	24.71	24.34	24.31	24.17	24.48			
Total	54.55	55.48	56.26	56.63	56.42	56.43	55.74	55.30	55.13	55.67			

**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	367.07
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	39.72
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	17.55
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	25.05
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	17.40
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	31.96
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	3.28
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	76.20
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	1.75
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	6.76
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	45.94
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	1.99
<b>TOTAL - MG</b>	<b>52.35</b>	<b>63.98</b>	<b>56.33</b>	<b>66.62</b>	<b>45.52</b>	<b>44.29</b>	<b>45.79</b>	<b>52.14</b>	<b>43.52</b>	<b>47.36</b>	<b>48.10</b>	<b>68.67</b>	<b>634.68</b>

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	
<b>Running 12 Month Total</b>													<b>634.68</b>
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 Residen	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
4/17/13	Mill Street HMB	S	3/4"Plastic	2,000	<b>Total</b> \$194.05	3	4	\$600	\$1,769.05
								\$975	
								\$1,575	
								\$0	\$0.00
					<b>Total</b>			\$0	
								\$0	\$0.00
					<b>Total</b>			\$0	
								\$0	\$0.00
					<b>Total</b>			\$0	
								\$0	\$0.00
					<b>Total</b>			\$0	
								\$0	\$0.00
					<b>Total</b>			\$0	

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

<b>Total Water Loss</b>	<b>0.0020 MG</b>	Total Cost	\$1,769.05
-------------------------	------------------	------------	------------

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

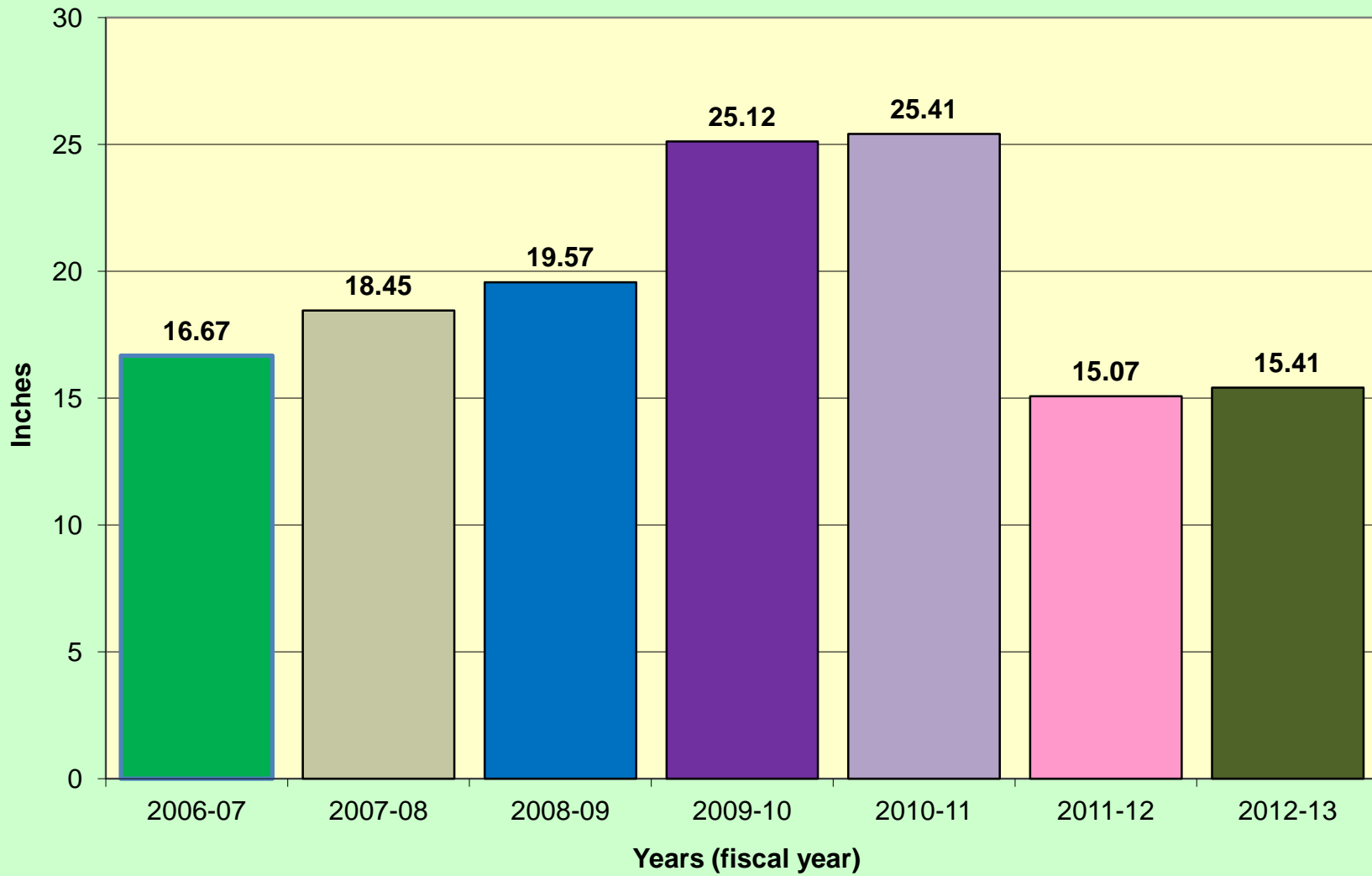
O=Other

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

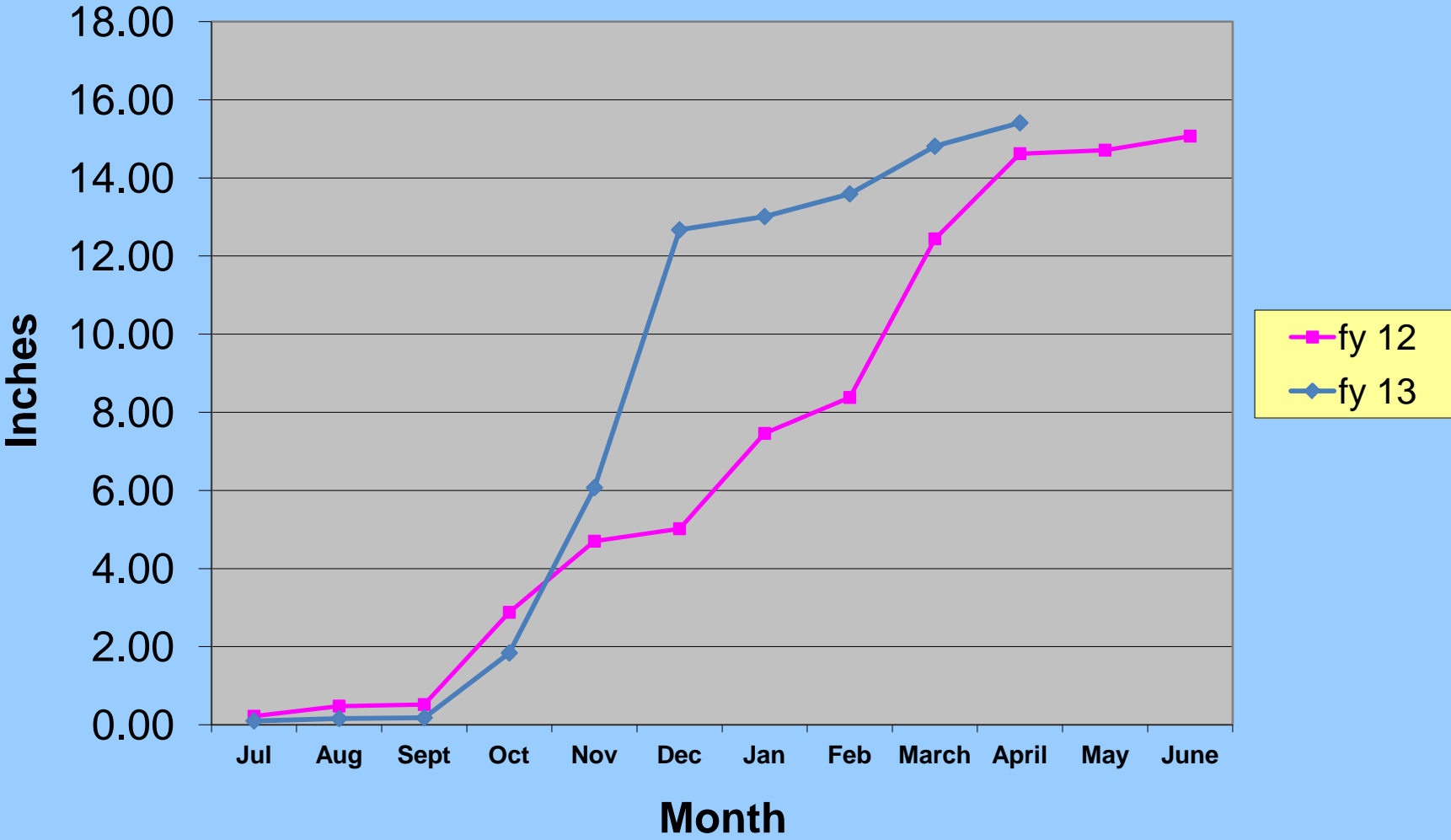
District Office  
 Rainfall in Inches

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

# Rain Totals FY 2013



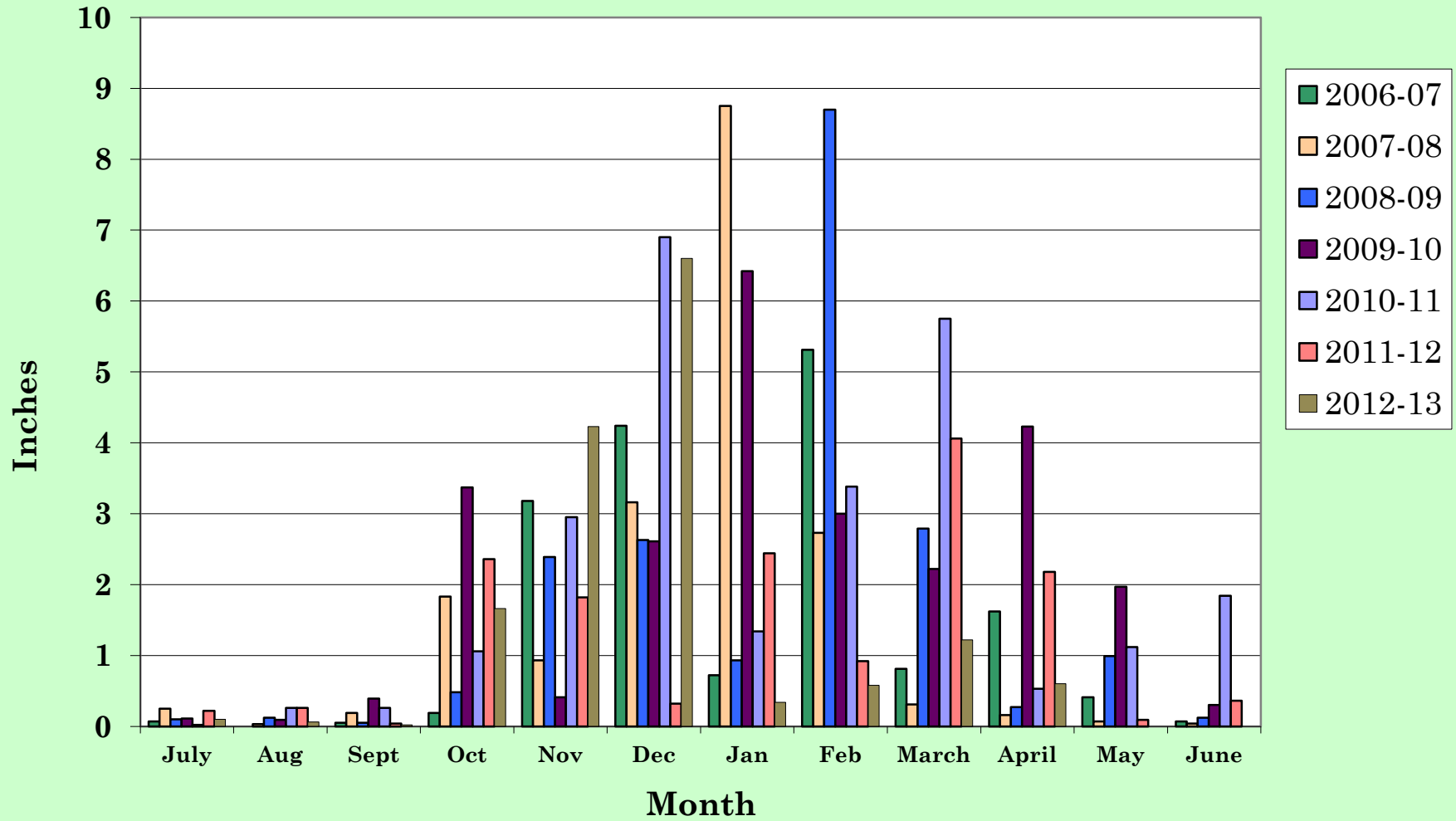
# Rainfall Totals FY 2013



# 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: Apr 2013 RIVER:

TEMPERATURE: 16:00 PRECIPITATION: 16:00

STANDARD TIME IN USE: FLOOD STAGE NORMAL POOL STAGE

ELEVATION OF RIVER: GAGE ZERO

DATE	TEMPERATURE		24 HR AMOUNTS AT OB. Snow ice pellets, hail (ins and tenths) Snow ice pellets, hail (ins and tenths) Rain, melted (tenths) Snow on ground (in)	PRECIPITATION		WEATHER (Observation Day) Mark 'X' for all types occurring each day.		RIVER STAGE		REMARKS (SPECIAL OBSERVATIONS, ETC.)								
	24 HRS ENDING AT OBSERVATION	AT OBSN		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	60	51	0.25															
2	59	47	0.00															
3																		
4	63	50	0.44															
5																		
6	61	53	0.02															
7	61	51	0.00															
8	60	33	0.02															
9	65	43	0.00															
10	64	41	0.00															
11	63	49	0.00															
12	59	46	0.00															
13	57	41	0.00															
14	56	39	0.00															
15	55	51	0.02															
16	57	34	0.01															
17	66	39	0.00															
18	63	36	0.00															
19	61	38	0.00															
20	61	40	0.00															
21	64	39	0.00															
22	65	41	0.00															
23	63	45	0.00															
24	60	45	0.00															
25	63	43	0.00															
26	63	50	0.00															
27	58	49	0.00															
28	60	49	0.00															
29	64	44	0.00															
30	64	43	0.00															
31																		
CONDITION OF RIVER AT GAGE			61.2	43.9	SUM	0.76	CHECK BAR (for wire weight) NORMAL CHECK BAR									READING		DATE

OBSERVER: MTR San Francisco

SUPERVISING OFFICE: MTR San Francisco

STATION INDEX NO.: 04-3714-04

- 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

MONTHLY CLIMATOLOGICAL SUMMARY for APR. 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	55.7	61.7	1:00p	49.7	12:00m	9.3	0.0	0.12	1.8	10.0	12:00p	WSW
2	51.8	58.3	5:00p	47.2	7:30a	13.2	0.0	0.00	1.8	12.0	1:30p	WNW
3	51.6	62.1	1:30p	46.9	5:30a	13.4	0.0	0.01	1.1	10.0	3:30p	W
4	56.1	64.2	1:30p	49.8	1:00a	8.9	0.0	0.38	3.2	16.0	1:00p	WSW
5	56.4	63.1	4:30p	53.9	5:30a	8.6	0.0	0.01	1.7	9.0	10:30a	W
6	55.1	58.9	4:00p	53.2	7:00a	9.9	0.0	0.02	1.7	10.0	2:00p	WSW
7	55.3	59.6	4:00p	52.2	7:30a	9.7	0.0	0.02	2.8	24.0	11:30p	WSW
8	52.6	59.9	2:30p	44.7	12:00m	12.4	0.0	0.00	6.7	32.0	3:00a	NE
9	54.6	67.3	3:00p	44.0	5:00a	10.5	0.0	0.00	2.9	20.0	9:30a	WNW
10	54.5	66.0	3:00p	45.1	3:00a	10.5	0.0	0.00	2.5	16.0	3:30p	W
11	52.9	60.5	3:30p	48.7	10:00p	12.1	0.0	0.00	3.2	19.0	3:30a	WNW
12	51.3	58.0	3:30p	47.2	4:30a	13.7	0.0	0.00	2.0	12.0	4:00p	W
13	51.5	57.0	12:00p	47.0	6:30a	13.5	0.0	0.00	3.1	22.0	4:30p	WNW
14	49.5	56.3	3:30p	39.5	7:00a	15.5	0.0	0.02	2.8	17.0	12:30p	WNW
15	49.6	54.4	3:30p	46.4	3:30a	15.4	0.0	0.01	5.2	26.0	9:30p	NE
16	48.4	57.8	3:00p	35.7	7:00a	16.6	0.0	0.00	2.5	16.0	3:00p	WNW
17	55.6	64.8	12:00p	42.2	12:30a	9.4	0.0	0.00	3.8	17.0	4:30a	NE
18	49.9	62.7	2:00p	38.8	7:00a	15.1	0.0	0.00	1.5	10.0	12:00p	W
19	51.8	63.4	3:30p	40.9	7:00a	13.2	0.0	0.00	1.6	12.0	10:00p	W
20	51.5	60.2	3:30p	42.4	6:00a	13.5	0.0	0.00	1.8	14.0	1:30p	W
21	52.4	65.6	2:00p	41.8	5:00a	12.6	0.0	0.00	1.4	10.0	1:30p	W
22	54.8	69.9	12:30p	44.8	5:30a	10.7	0.5	0.00	1.4	10.0	2:30p	WSW
23	51.9	61.9	1:30p	44.8	7:00a	13.1	0.0	0.01	1.9	12.0	3:00p	WSW
24	51.0	58.4	3:30p	43.8	6:30a	14.0	0.0	0.00	2.2	11.0	11:00a	WSW
25	55.5	62.3	2:00p	44.9	1:30a	9.5	0.0	0.00	1.9	11.0	12:00p	W
26	53.4	57.7	3:00p	50.3	11:30p	11.6	0.0	0.00	2.2	15.0	2:00p	NE
27	51.4	57.5	4:00p	48.9	7:00a	13.6	0.0	0.00	2.1	12.0	3:00p	WNW
28	53.6	61.1	3:30p	48.9	5:30a	11.4	0.0	0.00	1.3	9.0	12:30p	W
29	55.9	65.4	1:00p	46.3	6:30a	9.1	0.0	0.00	2.4	14.0	10:30p	W
30	53.3	61.6	10:30a	44.4	6:30a	11.7	0.0	0.00	1.8	15.0	3:00p	W
-----												
	53.0	69.9	22	35.7	16	361.7	0.5	0.60	2.4	32.0	8	W

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

Max Rain: 0.38 ON 04/04/13

Days of Rain: 5 (>.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 March 2013

J. Chester, C. Graham, A. Mazurkiewicz, & M. Tsang, April 8, 2013



**Bay Division Pipeline 1 & 2 (2013)** convey water across the South Bay. As part of WSIP, a tunnel is being bored to replace their function

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

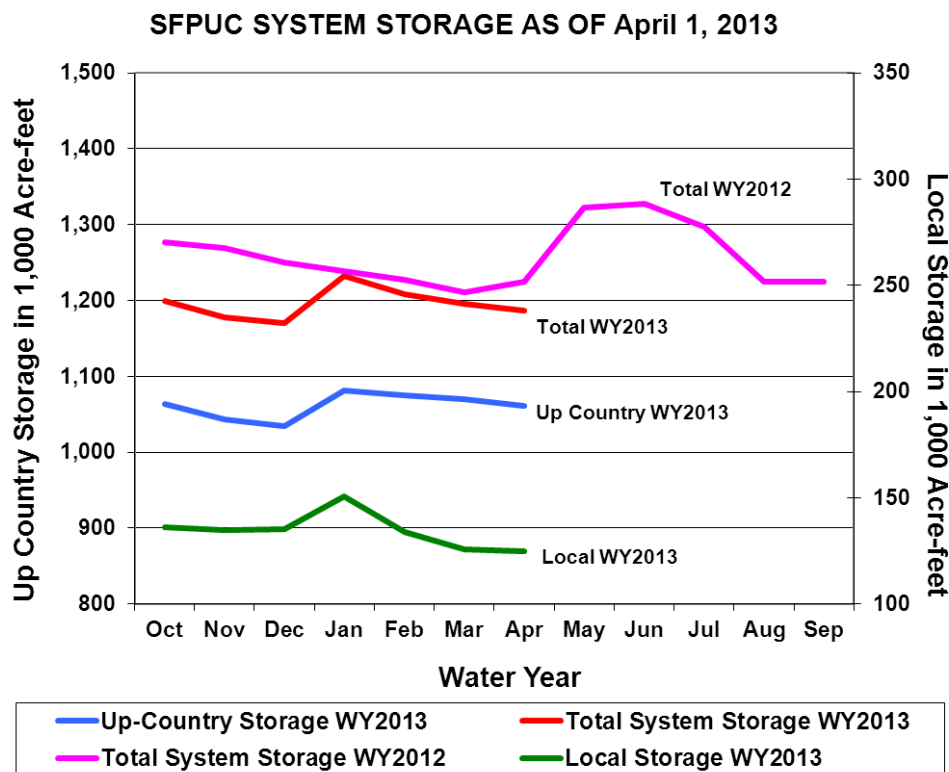
Table 1 Current Storage As of April 1, 2013							
Reservoir	Current Storage		Maximum Storage		Available Capacity		Percent of Maximum Storage
	Acre-Feet	Millions of Gallons	Acre-Feet	Millions of Gallons	Acre-Feet	Millions of Gallons	
<b>Tuolumne System</b>							
Hetch Hetchy <sup>1</sup>	242,813		340,830		98,017		71.2%
Cherry <sup>2</sup>	237,850		268,810		30,960		88.5%
Lake Eleanor <sup>3</sup>	24,286		21,495		0		Full
Water Bank	556,575		570,000		13,425		97.6%
Tuolumne Storage	1,061,524		1,201,135		142,402		88.4%
<b>Local Bay Area Storage</b>							
Calaveras <sup>4</sup>	17,813	5,804	96,824	31,550	79,011	25,746	18.4%
San Antonio	36,711	11,962	50,496	16,454	13,784	4,492	72.7%
Crystal Springs	51,564	16,802	58,377	19,022	6,812	2,220	88.3%
San Andreas	16,131	5,256	18,996	6,190	2,865	934	84.9%
Pilarcitos	2,699	879	2,995	976	296	96	90.1%
Total Local Storage	124,918	40,705	227,688	74,192	102,769	33,487	54.9%
<b>Total System</b>	<b>1,186,442</b>		<b>1,428,823</b>		<b>245,171</b>		<b>83.0%</b>

<sup>1</sup> Maximum Hetch Hetchy Reservoir storage with drum gates de-activated.

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

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

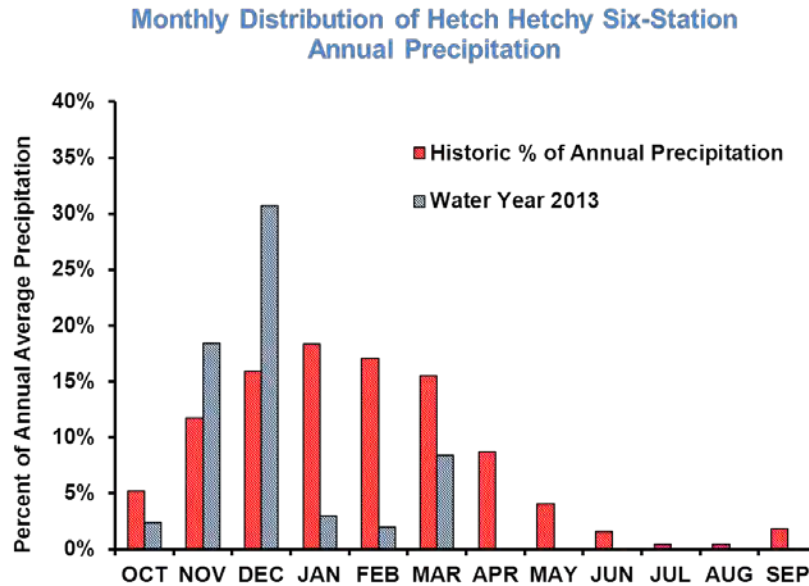
<sup>4</sup> Available capacity does not take into account current DSOD storage restrictions.



**Figure 1: Monthly system storage for WY2013**

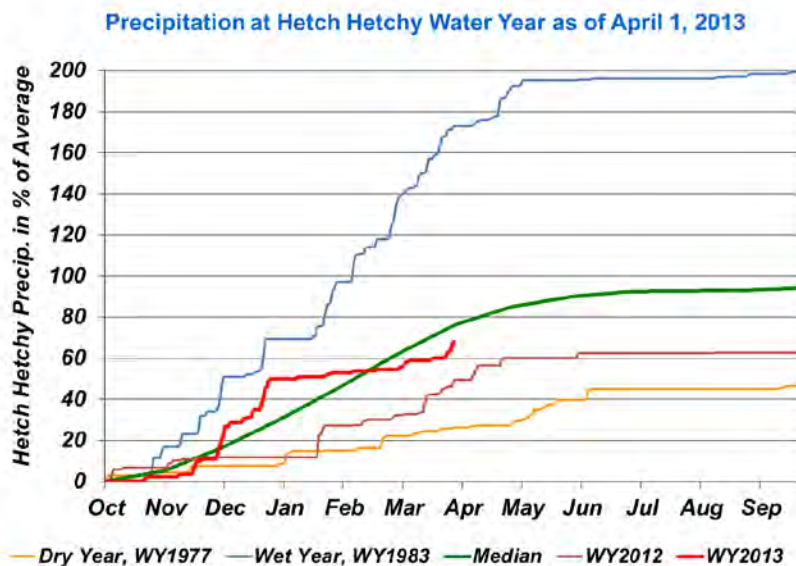
## Hetch Hetchy System Precipitation Index <sup>5/</sup>

*Current Month:* The March six-station precipitation index is 2.95 inch, or 54.2% 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 23.03 inches, which is 64.7% of the average annual water year total, or 77.3% of the average annual-to-date. Hetch Hetchy received 4.77 inches of precipitation in March. The cumulative Hetch Hetchy precipitation is shown in Figure 3 in red.



**Figure 3.** Water year 2013 cumulative precipitation received at Hetch Hetchy Reservoir through March 31<sup>st</sup>, 2013. Precipitation at the Hetch Hetchy gage for wet, dry, median, and WY 2012 are included for comparison purposes.

<sup>5/</sup>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 March 31<sup>st</sup> is summarized below in Table 2.

<b>Table 2 Unimpaired Inflow Acre-Feet</b>								
	March 2013				October 1, 2012 through March 31, 2013			
	Observed Flow	Median <sup>6</sup>	Average <sup>6</sup>	Percent of Average	Observed Flow	Median <sup>6</sup>	Average <sup>6</sup>	Percent of Average
Inflow to Hetch Hetchy Reservoir	42,988	39,042	41,577	103.4%	126,996	115,325	130,430	97.4%
Inflow to Cherry Reservoir and Lake Eleanor	42,861	37,595	42,093	101.8%	163,165	110,222	137,505	118.7%
Tuolumne River at La Grange	125,336	160,677	191,606	65.4%	476,849	496,721	606,779	78.6%
Water Available to the City	7,938	29,849	68,324	11.6%	92,178	140,671	227,424	40.5%

<sup>6</sup> Hydrologic Record: 1919 – 2010

### Hetch Hetchy System Operations

Draft and releases from Hetch Hetchy Reservoir in March totaled 50,543 acre-feet which met SJPL deliveries, ecological releases, and additional releases through power generation to manage projected snowmelt runoff.

36,438 acre-feet of power draft was made at Cherry Reservoir to manage reservoir elevation and projected snowmelt runoff. Generation met municipal load throughout the month. Lake Eleanor was at or near capacity throughout March. About 13,176 acre-feet of water was transferred from Lake Eleanor to Cherry Reservoir in March.

The current water year instream release schedule is Type A (or normal conditions). This is based upon accumulated precipitation and runoff in water year 2013 starting October 1<sup>st</sup>, 2012. The March requirement from Hetch Hetchy reservoir was 60 cfs, and it was increased to 124 cfs in later month when generation was increased. Required release at Cherry Reservoir was 5 cfs and 10 cfs at Lake Eleanor.

### Local System Treatment Plant Production

The Sunol Valley Water Treatment Plant average production rate for March was 49 MGD (Max 58/Min 24 MGD). The Harry Tracy Water Treatment Plant was off-line for the month due to construction supporting the WSIP HTWTP Long-Term Improvements project.

## Local System Water Delivery

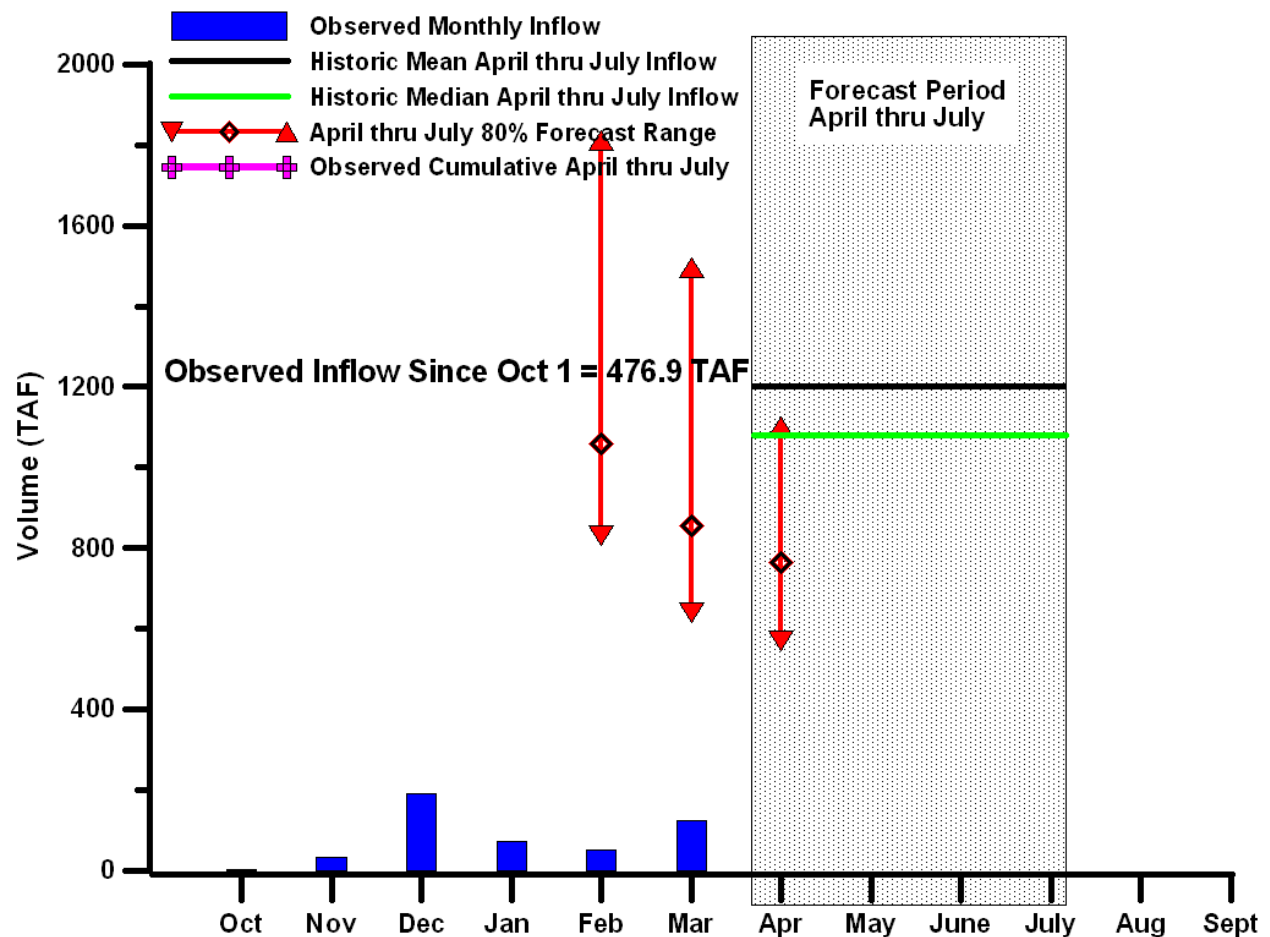
Deliveries in March were up 3% over the February delivery rate. The average delivery rate for March was 192 MGD. The February rate was 186 MGD.

## Local Precipitation

Unseasonably dry conditions prevailed across the local watersheds throughout the month. San Francisco experienced the driest three month period (January to March) on record. The March rainfall summary is presented in Table 3.

Reservoir	Month Total (inches)	Percentage of Normal for the Month	Water Year To Date <sup>7</sup> (inches)	Percentage of Normal for the Year-to-Date <sup>7</sup>
Pilarcitos	1.48	27 %	26.63	78 %
Lower Crystal Springs	1.27	33 %	17.28	73 %
Calaveras	0.64	20 %	13.76	74 %

<sup>7</sup> WY 2013: Oct. 2012 through Sep. 2013



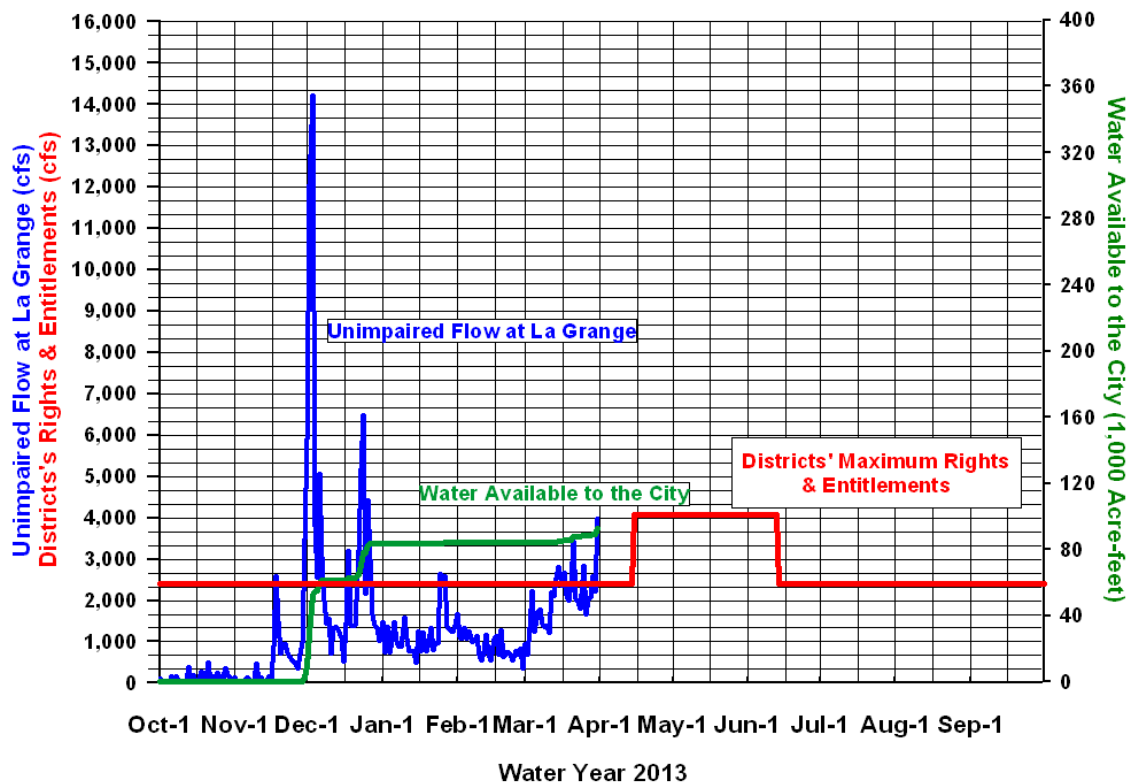
**Figure 4:** Water Year conditions for the Tuolumne River at La Grange and for the 80% water supply forecast range (triangles represent the 90% and 10% forecasts, the open diamond represents the median forecast).

## Snowmelt and Water Supply

The month of March brought continued dry weather across the Tuolumne Basin as well as the Bay Area. Snow surveys in late March found the snowpack to be near 60% of April 1<sup>st</sup> conditions. Due to the long dry period, low elevation snow has been ablating and is lagging behind normal accumulations (near 40%), while the upper elevation snow is near 70% of normal conditions. This pattern was anticipated given the 3-month dry period. The NWS Climate Prediction Center forecasts below average precipitation in the 90-day seasonal forecast.

The current outlook for snowmelt runoff (Figure 4) incorporates the last three months of dry conditions and the November-December period, which was well above normal. The Tuolumne Basin Water Supply Forecast model was executed using the measured snow course, precipitation, and runoff data. The forecast indicates that the median amount of runoff that may occur this year is 71% of the long-term median (Figure 4). The median forecast of April-through-July runoff is about 765 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 570 TAF and 1,100 TAF. If “normal” conditions are met over the next few months, the April-July inflows to La Grange would be 71% of median conditions (Figure 4). While the runoff forecast is for below normal conditions, current storage conditions improve the overall water supply outlook. Current runoff conditions are keeping natural flow at La Grange above the districts’ entitlements, making water available to the City. The Up Country reservoirs are expected to fill during snowmelt runoff, with Water Bank remaining below capacity.

**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. 92,178 acre-feet of water has become available to the City during water year 2013 to date.



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

# San Francisco Public Utilities Commission Hydrological Conditions Report For April 2013

J. Chester, C. Graham, A. Mazurkiewicz, & M. Tsang, May 7, 2013



**Cherry Valley Dam** (February 2013) and the high Sierra. Cherry Reservoir is located on US Forest Service land and is a noted recreational lake in the Stanislaus National Forest. Water from Cherry Reservoir supplies Holm Powerhouse on the Hetch Hetchy Project.

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

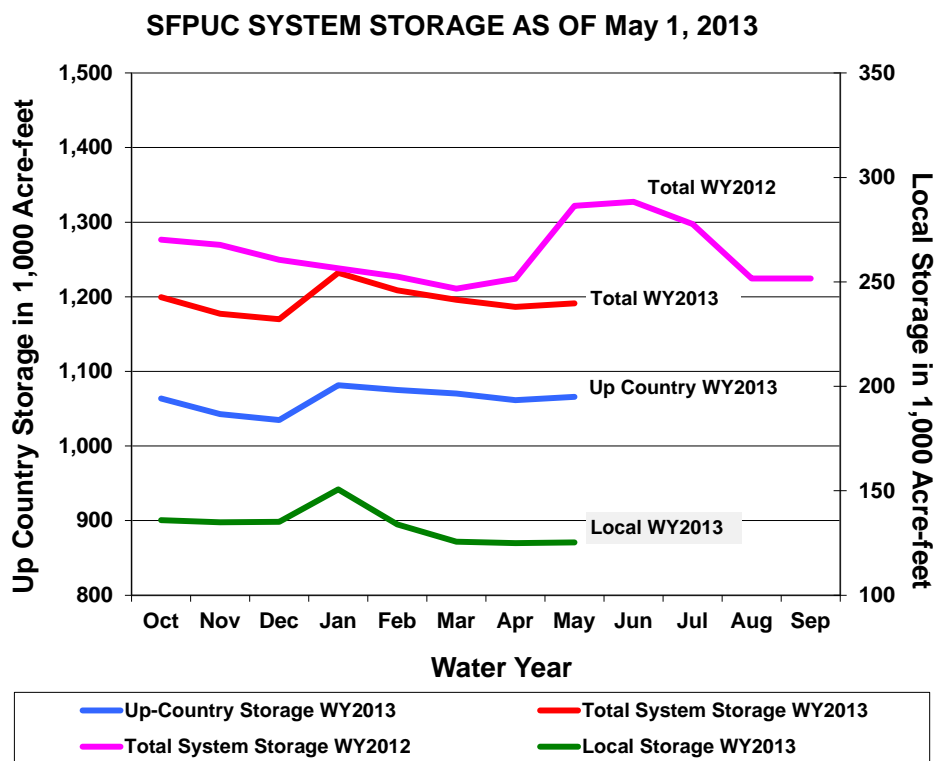
Table 1 Current Storage As of May 1, 2013							
Reservoir	Current Storage		Maximum Storage		Available Capacity		Percent of Maximum Storage
	Acre-Feet	Millions of Gallons	Acre-Feet	Millions of Gallons	Acre-Feet	Millions of Gallons	
<b>Tuolumne System</b>							
Hetch Hetchy <sup>1</sup>	283,256		360,340		77,084		78.6%
Cherry <sup>2</sup>	252,462		273,340		20,878		92.4%
Lake Eleanor <sup>3</sup>	25,309		27,100		1,791		93.4%
Water Bank	512,774		570,000		57,226		90.0%
Tuolumne Storage	1,073,801		1,230,780		156,979		87.2%
<b>Local Bay Area Storage</b>							
Calaveras <sup>4</sup>	17,813	5,804	96,824	31,550	79,011	25,746	18.4%
San Antonio	36,184	11,791	50,496	16,454	14,312	4,664	71.7%
Crystal Springs	52,652	17,157	58,377	19,022	5,724	1,865	90.2%
San Andreas	16,086	5,242	18,996	6,190	2,911	948	84.7%
Pilarcitos	2,719	886	2,995	976	275	90	90.8%
Total Local Storage	125,454	40,880	227,688	74,192	102,234	33,313	55.1%
<b>Total System</b>	<b>1,199,255</b>		<b>1,458,468</b>		<b>259,213</b>		<b>82.2%</b>

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

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

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

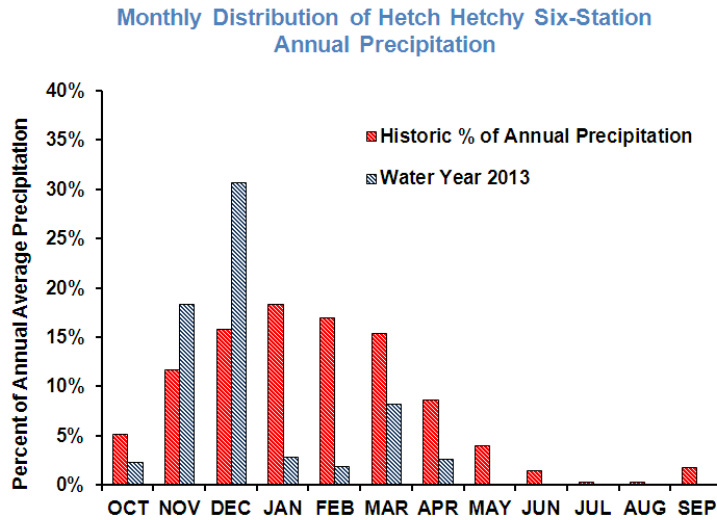
<sup>4</sup> Available capacity does not take into account current DSOD storage restrictions.



**Figure 1:** Monthly system storage for WY2013

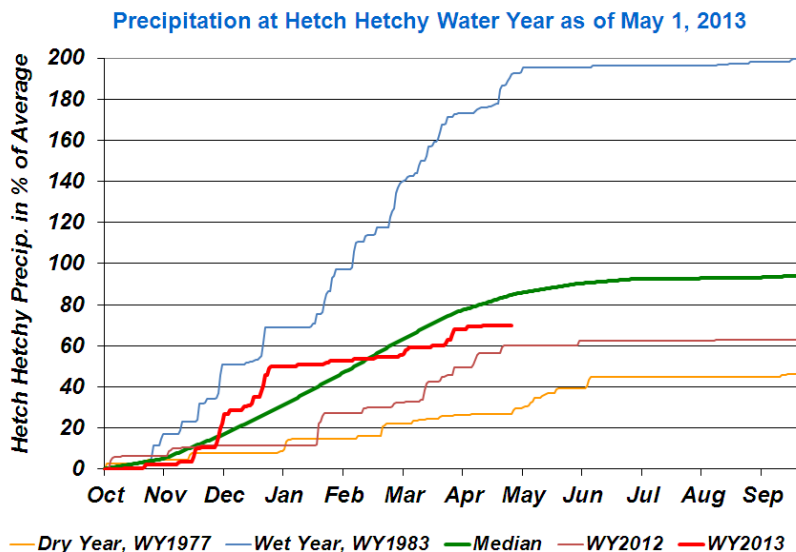
## Hetch Hetchy System Precipitation Index <sup>5/</sup>

*Current Month:* The April six-station precipitation index is 0.93 inch, or 31.1% 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 23.96 inches, which is 67.4% of the average annual water year total, or 72.9% of the average annual-to-date. Hetch Hetchy received 0.73 inches of precipitation in April, for a water year total of 24.85 inches. The cumulative Hetch Hetchy precipitation is shown in Figure 3 in red.



**Figure 3.** Water year 2013 cumulative precipitation received at Hetch Hetchy Reservoir through April 30<sup>st</sup>, 2013. Precipitation at the Hetch Hetchy gage for wet, dry, median, and WY 2012 are included for comparison purposes.

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

## Tuolumne Basin Unimpaired Inflow

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

<b>Table 2 Unimpaired Inflow Acre-Feet</b>								
	April 2013				October 1, 2012 through April 30, 2013			
	Observed Flow	Median <sup>6</sup>	Average <sup>6</sup>	Percent of Average	Observed Flow	Median <sup>6</sup>	Average <sup>6</sup>	Percent of Average
Inflow to Hetch Hetchy Reservoir	113,929	88,140	90,262	126.2%	240,925	207,512	220,692	109.2%
Inflow to Cherry Reservoir and Lake Eleanor	77,651	72,413	73,229	106.0%	240,816	197,337	210,374	114.5%
Tuolumne River at La Grange	237,739	264,754	275,035	86.4%	714,588	787,865	881,815	81.0%
Water Available to the City	29,168	84,790	96,710	30.2%	121,346	242,623	324,135	37.4%

<sup>6</sup> Hydrologic Record: 1919 – 2010

### Hetch Hetchy System Operations

Draft and releases from Hetch Hetchy Reservoir in April totaled 78,912 acre-feet which met SJPL deliveries, ecological releases, and additional releases through power generation to manage projected snowmelt runoff.

44,315 acre-feet of power draft was made at Cherry Reservoir to manage reservoir elevation and projected snowmelt runoff. Generation met municipal load, Class 1, Airport tenants/Norris, and sales throughout the month. Lake Eleanor was at or near capacity throughout April. About 12,774 acre-feet of water was transferred from Lake Eleanor to Cherry Reservoir in April.

The current water year instream release schedule is Type B (or below normal conditions) after May 1<sup>st</sup>. This is based upon accumulated precipitation and runoff in water year 2013 starting October 1<sup>st</sup>, 2012. The April requirement from Hetch Hetchy reservoir was 75 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 average production rate for April was 16 MGD. The Harry Tracy Water Treatment Plant was off-line for the month due to the WSIP HTWTP Long-Term Improvements project. The plant is expected to begin water treatment in May.

## Local System Water Delivery

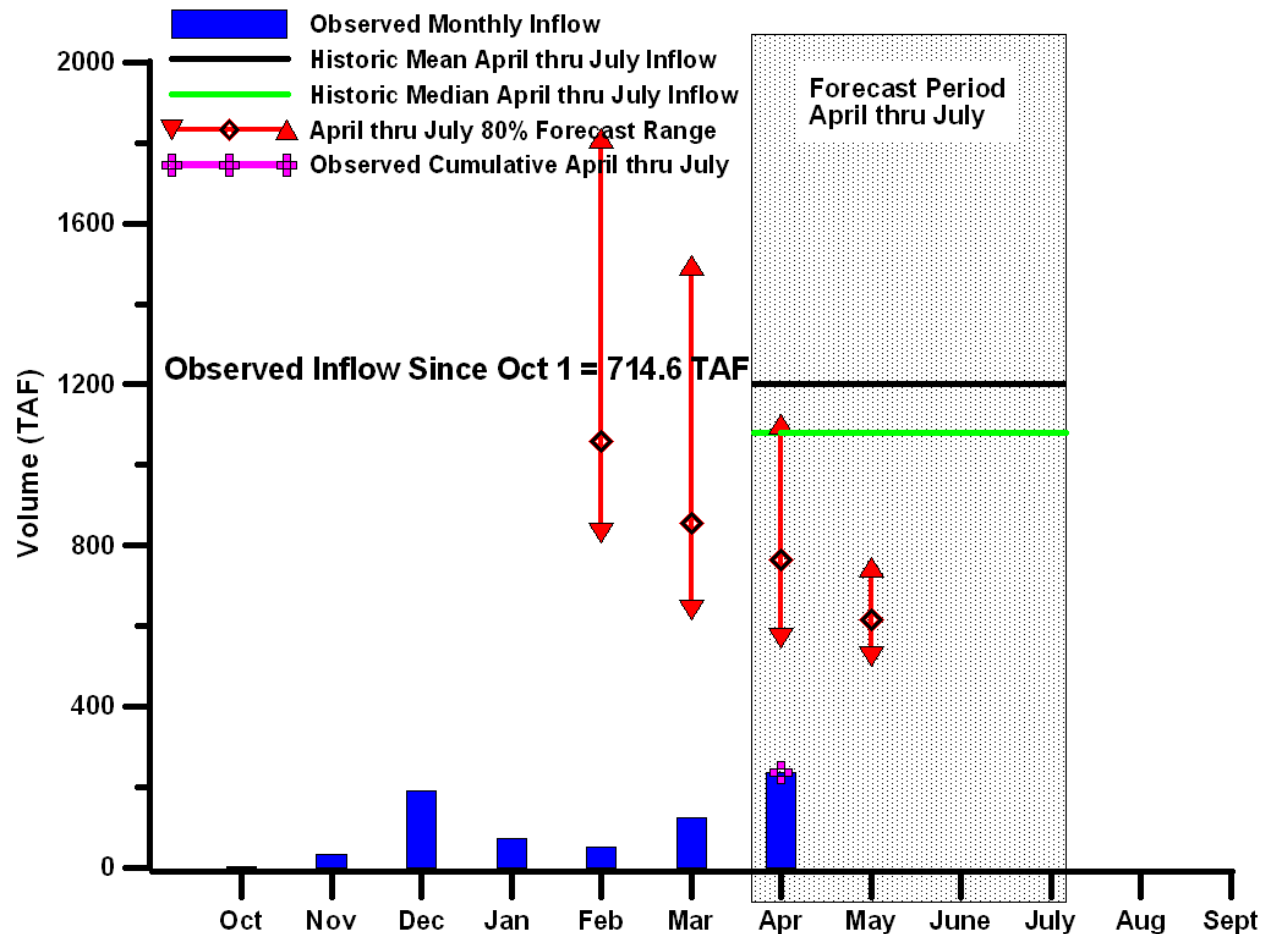
Deliveries in April were up 10% over the March delivery rate. The average delivery rate for April was 212 MGD. The March rate was 192 MGD.

## Local Precipitation

Below average precipitation was recorded across the local watersheds throughout the month. The four month period January to April has been one of the driest on record. The April rainfall summary is presented in Table 3.

Reservoir	Month Total (inches)	Percentage of Normal for the Month	Water Year To Date <sup>7</sup> (inches)	Percentage of Normal for the Year-to-Date <sup>7</sup>
Pilarcitos	1.18	41 %	27.64	74 %
Lower Crystal Springs	1.69	82 %	18.40	72 %
Calaveras	0.53	28 %	14.13	69 %

<sup>7</sup> WY 2013: Oct. 2012 through Sep. 2013

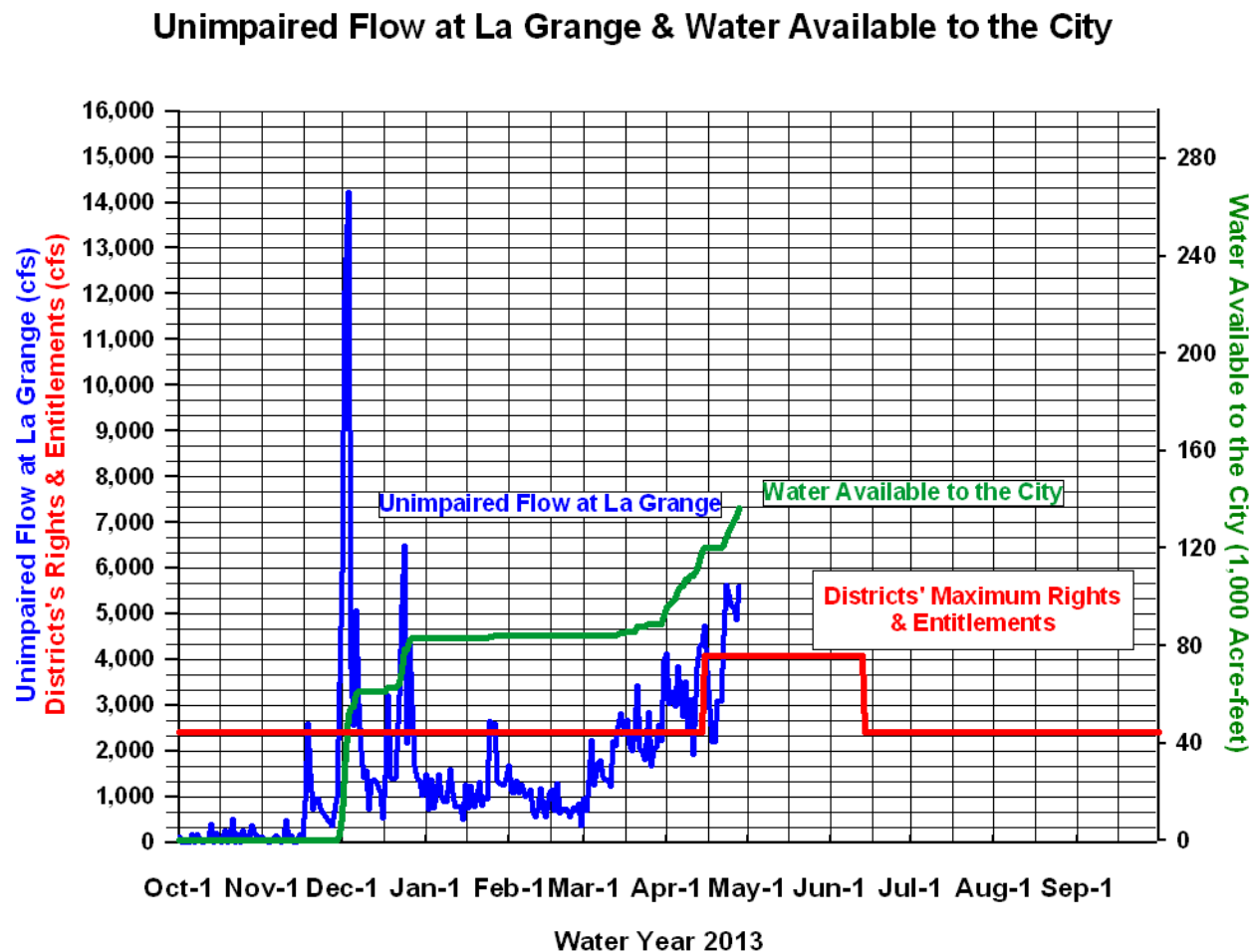


**Figure 4:** Water Year conditions for the Tuolumne River at La Grange and for the 80% water supply forecast range (triangles represent the 90% and 10% forecasts, the open diamond represents the median forecast).

## Snowmelt and Water Supply

The month of April brought continued dry weather across the Tuolumne Basin as well as the Bay Area. Snow surveys in late April found the snowpack to be near 30% of normal May 1<sup>st</sup> conditions. The onset of spring conditions in the month of April caused melting of the low elevation snow. High elevation still remains and will continue to bring elevated flows into the first part of June. The short-term outlook has cool temperatures and thunderstorms in the Sierras. Following this period, a return to normal May conditions is expected.

The current outlook for snowmelt runoff (Figure 4) incorporates the last four months of dry conditions and the November-December period, which was well above normal. The Tuolumne Basin Water Supply Forecast model was executed using the measured snow course, precipitation, and runoff data. The forecast indicates that the median amount of runoff that may occur this year is 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. While the runoff forecast is for below normal conditions, the upcountry reservoirs are expected to fill during snowmelt runoff, with Water Bank remaining below capacity. Due to the below normal runoff conditions, the water available to the City lags behind average conditions (Figure 5)



**Figure 5:** Calculated unimpaired flow at La Grange and the allocation of flows between the Districts and the City. 121,345 acre-feet of water has become available to the City during water year 2013 to date.

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



## **STAFF REPORT**

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

**From:** David Dickson, General Manager

**Agenda:** May 14, 2013

Report

Date: May 3, 2013

**Subject:** - Public Hearing to consider proposed increases in the District's Transmission and Storage Fees

- Consider Resolution 2013-\_\_ - A Resolution of the Board of Directors of the Coastside County Water District Amending the Rate and Fee Schedule to Increase the Transmission and Storage Fees

---

### **Recommendation:**

- Conduct a public hearing to receive public comment regarding the proposed increase in the District's Transmission and Storage Fees.
- Adopt Resolution 2013-\_\_ - A Resolution of the Board of Directors of Coastside County Water District Amending Rate and Fee Schedule to Increase the Transmission and Storage Fees (Attachment A)

### **Background:**

In 2009, staff retained an experienced public agency financial consultant, Bartle Wells Associates, to review the District's Transmission and Storage (T & S) Fees. The T & S Fee is the amount charged by the District for a connection - priority or non-priority-granting the purchaser the right to obtain water service from the District.

The original T & S fees were established by Resolution No. 712, passed by the Board on August 11, 1987. After reviewing different generally accepted methods to calculate connection fees, Bartle Wells recommended that the District adjust its T & S Fees for inflation by escalating the 1987 fee by the change in the Engineering News Record 20-City Average Construction Cost Index (ENR CCI).

On February 9, 2010, the Board approved Resolution No. 2010-01, increasing Transmission and Storage Fees effective July 1, 2010 and specifying subsequent

increases based on annual change in the ENR CCI to be effective July 1, 2011 and July 1, 2012.

At the February 12, 2013 Board of Directors meeting, the Board discussed continuing the proposed increase in Transmission and Storage Fees annually based on the change in the ENR CCI. At the March 12, 2013 Board of Directors meeting, the Board set a Public Hearing for the May 14, 2013 Board of Directors meeting to consider the proposed increase. As proposed, an annual ENR CCI-based increase would be applied on July 15, 2013; July 1, 2014; and July 1, 2015.

A notice of the Public Hearing, which included the justification for the increase in the Transmission and Storage Fees, was mailed to all record owners of property located within the District. The District also placed two announcements in the Half Moon Bay Review and posted a copy of Notice of the Public Hearing on the District's website.

As of the date of this report, staff has received no letters regarding the proposed rate increase.

The resolution amending the District's Rate and Fee Schedule directs the manager to file a CEQA Notice of Exemption for the action (see Attachment B).

Staff recommends that the Board approve the resolution amending the Rate and Fee Schedule.

**RESOLUTION 2013-\_\_**  
**A RESOLUTION OF THE BOARD OF DIRECTORS**  
**OF THE COASTSIDE COUNTY WATER DISTRICT**  
**AMENDING THE RATE AND FEE SCHEDULE TO INCREASE THE**  
**TRANSMISSION AND STORAGE FEES**

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

1. Transmission and Storage fees, which are commonly referred to as water service connection fees, were first established on August 11, 1987, by Resolution No. 712.
2. In 2009, the District retained an experienced public agency financial consultant, Bartle Wells Associates, to review the District's Transmission and Storage Fees.
3. Bartle Wells Associates reviewed several different generally accepted methods for adjusting the Transmission and Storage Fees and recommended increasing the District's Transmission and Storage Fees by escalating the 1987 fee by the change in the 20-City Average Engineering News Record Construction Cost Index (ENR CCI). The adjustment, among other things, takes into account the increases in construction costs.
4. On February 9, 2010, the Board approved Resolution No. 2010-01, increasing Transmission and Storage Fees effective July 1, 2010 and specifying subsequent increases based on annual change in the ENR CCI to be effective July 1, 2011 and July 1, 2012.
5. At the February 12, 2013 Board of Directors meeting, the Board discussed continuing the proposed increase in Transmission and Storage Fees annually based on the change in the ENR CCI. At the March 12, 2013 Board of Directors meeting, the Board set a Public Hearing for the May 14, 2013 Board of Directors meeting to consider the proposed increase.
6. A notice of the Public Hearing, which included the justification for the increase in the Transmission and Storage Fees, was mailed to all record owners of property located within the District on March 15, 2013, was published in the Half Moon Bay Review on March 20, 2013 and March 27, 2013, and was posted at three conspicuous places within the District on March 15, 2013.

7. At the Public Hearing, the Board of Directors provided the public an opportunity to submit comments and protests regarding the proposed Transmission and Storage Fee increase.
8. After discussion and consideration of all comments and protests that were submitted before or during the Public Hearing, the Board finds the proposed Transmission and Storage Fees are reasonable and do not exceed the cost of providing the services and facilities for which the fee is imposed.
9. The Board also finds that the amendment to the District's Rate and Fee Schedule to increase the Transmission and Storage Fees is an action exempt from the requirements of the California Environmental Quality Act, Section 21000 *et seq.* of the California Public Resources Code. The analysis set forth in the November 30, 2009 Bartle Wells report is hereby incorporated into this Resolution.

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

1. The Rate and Fee Schedule, Section 2.A., Transmission and Storage Fee, is amended to read as follows:

<b>Connection Size</b>	<b>Transmission &amp; Storage Fee Effective July 15, 2013</b>
5/8 x 3/4 inch	\$ 15,169
3/4 inch	\$ 22,754
1 inch	\$ 37,923
1.5 inch	\$ 75,845
2 inch	\$121,352
3 inch	\$265,458
4 inch	\$455,069

2. The increase in the Transmission and Storage Fees will become effective July 15, 2013.
3. Effective July 1, 2014 and July 1, 2015, the Transmission and Storage Fee will be adjusted in accordance with the Engineering News Record Construction Cost Index (ENR CCI) for January of the current year. The new Transmission and Storage Fee for each connection size will be calculated by multiplying the then current Transmission and Storage Fee by the ratio of the current year January ENR CCI to the ENR CCI for January of the previous year.
4. The General Manager shall arrange for the Rate and Fee Schedule to be re-codified to incorporate the changes effected by this Resolution.
5. The General Manager is directed to file a Notice of Exemption with the County Clerk and to take such other actions as may be necessary to give effect to this Resolution.

**PASSED AND ADOPTED** by the Board of Directors of the Coastside County Water District on this 14th day of May, 2013 by the following vote of the Board:

AYES:

NOES:

ABSENT:

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Kenneth L. Coverdell, President  
Board of Directors

ATTEST:

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David R. Dickson, General Manager  
Secretary of the District

**NOTICE OF EXEMPTION**

**COASTSIDE COUNTY WATER DISTRICT**

**TO:** County Clerk  
County of San Mateo  
Hall of Justice and Records  
401 Marshall, Sixth Floor  
Redwood City, California

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

**PROJECT TITLE:** Increase of District Transmission and Storage Fees

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

**DESCRIPTION OF NATURE, PURPOSE AND BENEFICIARIES OF PROJECT:**

The nature of the project is to amend and increase the District's Transmission and Storage Fees. The purpose of the project is to generate revenue to cover the cost of the services and facilities for which the Transmission and Storage Fees are imposed. The beneficiaries of the project are the customers of the District.

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

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

**EXEMPT STATUS:**

- Statutory Exemption (Public Resources Code Section 21080(b)(8)) – Meeting operating expenses; purchasing or leasing supplies, equipment or materials; meeting financial reserve needs and requirements; obtaining funds for capital projects necessary to maintain services within existing service areas.
- Rates and Charges (Sec. 15273)

**REASON WHY PROJECT IS EXEMPT:**

The project is exempt because the amendment to the District's Rate and Fee Schedule to increase the Transmission and Storage Fees does not exceed the reasonable cost of providing the services and facilities for which the fees are imposed, and therefore are for the purposes enumerated in Public Resources Code Section 21080 and Section 15273 of the CEQA Guidelines.

**Contact Person**

David R. Dickson

**Area Code Telephone**

(650) 726-4405

Date: May 14, 2013

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David R. Dickson  
General Manager

## ***MONTHLY REPORT***

**To:** David Dickson, General Manager  
**From:** Joe Guistino, Superintendent of Operations  
**Agenda:** May 14, 2013

### **Report**

**Date:** May 7, 2013

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### **Monthly Highlights**

#### Denniston Dredging Amendment

The Coastal Commission has granted us a Coastal Development Permit (CDP) for modifications to our present permit to reconnect the free flowing stream with the reservoir near our intakes. The appeal period will end on 8 May.

#### Denniston Plant

The plant is running well and all punch list items have been addressed.

### **Source of Supply**

Denniston Reservoir, Crystal Springs Reservoir and Pilarcitos Reservoir were the sources of supply in April. We ran on Pilarcitos Reservoir from the 1<sup>st</sup> to the 3<sup>rd</sup> and Crystal Springs for the remainder of the time. Denniston Water Treatment Plant (WTP) produced over 12 million gallons (MG) in April.

### **System Improvements**

#### Denniston Plant

Crews prepped and painted the coagulation tank, plant floor and the inside walls of the chlorine feed room and lab. They also replaced the old Rensselaer Hydrant on site with a new Clow 960 complete with bollard protection. The crew also tapped and installed some new sample and chemical feed points to allow better optimization of the treatment process.

#### Treatment Plant Recordkeeping

We have retained the services of Todd Schmidt to assist in streamlining the data collection and entry, recordkeeping and reporting of our two treatment plants. He will be simplifying the process with the result of better reports, less opportunity for copy errors and time saved for the operators.

#### New Nunes Wash Water Return Pump

We had retained Pump Repair Services Inc. to purchase and install a new wash water return pump at the Nunes WTP to replace the old unit that failed last year. The new pump is installed and running well.

### Geographic Information System (GIS)

We continue to assist CalCad with locating meters as part of our GIS program.

### Crystal Springs Breakers

Minor modifications to the power cabinets now allow for the operator to operate the breakers without having to open the cabinet door. This simple safety fix eliminates their exposure to the potential of dangerous arc flash.

### **Other Activities Update:**

#### Denniston WTP Startup

The new Denniston High Lift Pump #1 started to vibrate excessively in March. The pump manufacturer came down and found the motor to be unbalanced. They repaired the main problem and it is now back on line.

#### Crystal Springs P1

This unit had been rebuilt last year after an oil leak developed. When it was returned it started to leak oil again after a few weeks of operation. It was again removed and brought back to the shop in March for repairs and was re-installed in April. The pump now works fine and the oil leak has been repaired.

#### Half Moon Bay Bike Path

The recently modified route of the Half Moon Bay (HMB) bike path on Highway 1 will be covering one of our valves on the El Granada Pipeline under 5 feet of cover near Frenchman Creek. The City informed us that we are responsible for raising the valve can and operating nut. We have contracted HMB Building and Paving (the bike path contractor) to raise this valve during their construction operation.

#### Denniston Dredging Amendment

On 24 April the San Mateo County Planning Commission approved a CDP and certification of a Subsequent Mitigated Negative Declaration to allow CCWD to reestablish a portion of Denniston Creek between the Denniston WTP and the Reservoir. The 10 day appeal period will end at 17:00 on Wednesday, 8 May. This will now allow us to improve water flows past our intakes with a subsequent improvement of water quality and habitat for Red Legged Frogs and San Francisco Garter Snakes.

### **Regulatory Agency Interaction**

#### California Department of Public Health (DPH)

I sent a notification to or representative at DPH of our intent to try a new coagulant product that will allow us to improve our treatment process and reduce our sludge production at Denniston. I also suggested that we schedule a time for them to come out to see the improvements. I am awaiting a response.



## **Projects**

### Denniston Water Treatment Improvement Project.

All punch list items have been satisfactorily addressed and the plant is operating as planned. This project is complete.

### El Granada Tank 2 Renovation

The Notice To Contractors was sent out on 1 May. There is a mandatory prebid walkthrough on Tuesday, 14 May and bids are scheduled to be opened on at 14:00 on Monday, 3 June.

### Avenue Portola Main Replacement

The bid period closed on this project on 2 April. There were 4 bidders. The bids ranged from \$95,965 to \$146,700 with Andreini Brothers submitting the low bid.

## STAFF REPORT

**To:** Board of Directors  
**From:** Cathleen Brennan, Water Resources Analyst  
**Agenda:** May 14, 2013  
**Subject:** Water Resources

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This report includes:

- Update on the 2013 Water Year (October 1, 2012 through September 30, 2013)
  - Denniston Water Treatment Plant Improvement Project Celebration on May 2, 2013
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### Update on the 2013 Water Year

#### Local Observations

Observations from the National Oceanic and Atmospheric Administration weather station (No. 04-3714-04) report a total of 17.64 inches of precipitation for Half Moon Bay in the 2013 water year. This is below average (72 percent of normal) precipitation for water year-to-date.

#### Imported Water Observations from San Francisco Public Utilities Commission

Precipitation observations at Pilarcitos Lake report below average (74 percent of normal) precipitation with a total of 27.64 inches for water year-to-date. Pilarcitos Lake is at 90.8 percent of maximum storage and Crystal Springs Reservoir is at 90.2 percent of maximum storage. Dry conditions exist in the Tuolumne watershed and snowpack was found to be 30 percent of normal, as of May 1<sup>st</sup>.

#### Statewide Observations

The California Department of Water Resources (DWR) performed a fifth snowpack survey for water year 2013 on May 2<sup>nd</sup>. The results revealed that the statewide water content is below average (17 percent of normal) for the season. DWR is projecting that it will only be able to deliver 35 percent of requested water amounts from the State Water Project due to the dry conditions and the pumping restrictions in place to protect Delta smelt and salmon. The District does not receive water from the State Water Project but a few BAWSCA member agencies in Santa Clara County do rely on State Water Project deliveries made to the Santa Clara Valley Water District.

## Denniston Water Treatment Plant Improvement Project Celebration

The District's Strategic Communications Plan emphasizes the need to provide outreach on the District's infrastructure projects, especially as it relates to the need for rate increases. In addition, it is important as an organization to celebrate your achievements and recognize everyone who made it possible. These are the reasons why the District hosted the Denniston Water Treatment Plant Improvement Project Celebration. The District would like to thank all the participants, the Board of Directors, and staff for making the event a success.

### Images from the Celebration and Tour - May 2, 2013

