COASTSIDE COUNTY WATER DISTRICT

766 MAIN STREET

HALF MOON BAY, CA 94019

SPECIAL MEETING OF THE BOARD OF DIRECTORS

Tuesday, February 9, 2010– 6:00 p.m.

AGENDA

1) CLOSED SESSION

A. Conference with Labor Negotiators
(Cal. Govt. Code §54957.6)
Agency Designated Representatives: General Manager, IEDA
Employee Organization: Teamsters Union, Local 856

2) RECONVENE TO OPEN SESSION

Public report of closed session action.

COASTSIDE COUNTY WATER DISTRICT

766 MAIN STREET

HALF MOON BAY, CA 94019

MEETING OF THE BOARD OF DIRECTORS

Tuesday, February 9, 2010– 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 ANNOUNCEMENTS

Any person may address the Board of Directors at the commencement of the meeting on any matter within the jurisdiction of the Board that is not on the agenda for this meeting. Any person may address the Board on an agendized item when that item is called. The

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. Requesting the Board to review disbursements for the month Ending January 31, 2010 – Claims: $425,703.40; Payroll: $73,591.88 for a total of $499,295.28 (attachment)
B. Acceptance of Financial Reports (attachment)
C. Minutes of the January 12, 2010 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 (attachment)
G. January 2010 Leak Report (attachment)
H. Rainfall Reports (attachment)
I. San Francisco Public Utilities Commission Hydrological Conditions Report for December 2009 (attachment)
J. San Francisco Public Utilities Commission Hydrological Conditions Report for January 2010 (attachment)

5) 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 2010-01 - A Resolution of the Board of the Coastside County Water District Amending the Transmission & Storage Fees

6) MEETINGS ATTENDED / DIRECTOR COMMENTS

7) GENERAL BUSINESS

A. Results of Connection Sale Survey (attachment)

B. Discussion and possible direction to staff regarding possible Sale of Water Service Connections (attachment)
C. Approval of Denniston Filter Repair Change Order (attachment)
D. Approval of contract with Jim Steele for Denniston Biological Study (attachment)
E. Water Reclamation Update – Principles of Sewer Authority Mid-Coastside/Coastside County Water Agreement for Water Reclamation (attachment)
F. Bartle Wells Rate Study (attachment)

8) GENERAL MANAGER'S REPORT INCLUDING MONTHLY INFORMATIONAL REPORTS (attachment)

A. Water Resources Report (attachment)
B. Water Shortage and Drought Contingency Plan Update (attachment)
C. Operations Report (attachment)

9) DIRECTOR AGENDA ITEMS – REQUESTS FOR FUTURE BOARD MEETINGS

10) ADJOURNMENT

Check Number	Vendor No	Vendor Name	Check Date	Void Amount	Check Amount
14192	ALL04	ALLIED WASTE SERVICES #925	01/08/2010	0.00	236.50
14193	ALV01	ALVES PETROLEUM, INC.	01/08/2010	0.00	1,818.61
14194	ASS01	HEALTH BENEFITS AUTHORITY (HBA	01/08/2010	0.00	18,828.81
14195	ATT01	AT&T MOBILTY	01/08/2010	0.00	52.91
14196	BFI02	BFI OF CALIFORNIA, INC.	01/08/2010	0.00	451.32
14197	COA 15	COASTSIDE NET, INC	01/08/2010	0.00	59.95
14198	HAR03	HARTFORD LIFE INSURANCE CO.	01/08/2010	0.00	2,094.00
14199	KAI01	KAISER FOUNDATION HEALTH	01/08/2010	0.00	9,054.00
14200	PAC02	PACIFICA CREDIT UNION	01/08/2010	0.00	750.00
14201	PUB01	PUB. EMP. RETIRE SYSTEM	01/08/2010	0.00	17,546.91
14202	STA03	CA DPH DRINKING WATER PROGRAM	01/08/2010	0.00	60.00
14203	TWI01	STEVE TWITCHELL	01/08/2010	0.00	140.00
14204	UNI08	UNION BANK OF CALIFORNIA, N.A.	01/08/2010	0.00	1,019.25
14205	VAL01	VALIC	01/08/2010	0.00	1,320.00
14206	GUI01	JOE GUISTINO	01/22/2010	0.00	112.50
14207	HAR03	HARTFORD LIFE INSURANCE CO.	01/22/2010	0.00	2,094.00
14208	MET06	METLIFE SBC	01/22/2010	0.00	1,357.35
14209	PAC01	PACIFIC GAS & ELECTRIC CO.	01/22/2010	0.00	27,471.57
14210	PAC02	PACIFICA CREDIT UNION	01/22/2010	0.00	750.00
14211	PUB01	PUB. EMP. RETIRE SYSTEM	01/22/2010	0.00	17,509.57
14212	SAN03	SAN FRANCISCO WATER DEPT.	01/22/2010	0.00	87,993.35
14213	TEA02	TEAMSTERS LOCAL UNION #856	01/22/2010	0.00	755.00
14214	TUR04	SUSAN TURGEON	01/22/2010	0.00	143.09
14215	VAL01	VALIC	01/22/2010	0.00	1,320.00
14216	JAH01	DUSTIN JAHNS	01/26/2010	0.00	580.94
14217	ADA01	JEFFREY ADAMS	01/26/2010	0.00	402.00
14218	ADP01	ADP, INC.	01/26/2010	0.00	504.15
14219	ADV02	FRANK YAMELLO	01/26/2010	0.00	976.91
14220	AND01	ANDREINI BROS. INC.	01/26/2010	0.00	7,894.44
14221	ASS05	ACWA HEALTH BENEFITS AUTHORITY	01/26/2010	0.00	60.18
14222	ASS08	ASSOC. CALIF. WATER AGENCY	01/26/2010	0.00	11,387.00
14223	ATT02	AT&T	01/26/2010	0.00	1,216.93
14224	ATT03	AT&T LONG DISTANCE	01/26/2010	0.00	46.38
14225	AZT01	AZTEC GARDENS	01/26/2010	0.00	190.00
14226	BAR03	BARTLE WELLS ASSOCIATES	01/26/2010	0.00	1,400.00
14227	BAS01	BASIC CHEMICAL SOLUTION, LLC	01/26/2010	0.00	3,310.01
14228	BAY05	BAY AREA WATER SUPPLY &	01/26/2010	0.00	5,572.00
14229	BAY07	BAY AREA WATER SUPPLY &	01/26/2010	0.00	6,998.74
14230	BIG01	BIG CREEK LUMBER	01/26/2010	0.00	1,388.11
14231	BIO01	BIOVIR LABORATORIES, INC.	01/26/2010	0.00	870.00
14232	BUR02	STEPHEN BURCH	01/26/2010	0.00	150.00
14233	CAL08	CALCON SYSTEMS, INC.	01/26/2010	0.00	1,280.00
14234	CAR02	CAROLYN STANFIELD	01/26/2010	0.00	485.00
14235	CAR04	CAROLLO ENGINEERS	01/26/2010	0.00	10,829.00
14236	CIN01	CINTAS FIRST AID & SAFETY	01/26/2010	0.00	95.76
14237	CIT01	CITY OF HALF MOON BAY	01/26/2010	0.00	2,052.50
14238	COA19	COASTSIDE COUNTY WATER DIST.	01/26/2010	0.00	119.79
14239	COM01	COMMUNICATION LEASING SERVICES	01/26/2010	0.00	2,253.65
14240	CRO02	CROSNO CONSTRUCTION, INC	01/26/2010	0.00	101,013.75
14241	CSG01	CSG SYSTEMS, INC	01/26/2010	0.00	2,106.42
14242	CSI01	CSI SERVICES, INC.	01/26/2010	0.00	8,374.50
14243	DEL01	DELTA TECH SERVICE INC.	01/26/2010	0.00	597.50
14244	EKI01	EKI INC.	01/26/2010	0.00	6,076.00
14245	FIR06	FIRST NATIONAL BANK	01/26/2010	0.00	2,589.39
14246	FIS01	FISHER SCIENTIFIC	01/26/2010	0.00	322.34
14247	GOL04	GOLDEN STATE FLOW MEASUREMENT	01/26/2010	0.00	7,553.58
14248	GRA01	GRANDFLOW, INC.	01/26/2010	0.00	382.44
14249	GRA03	GRAINGER, INC.	01/26/2010	0.00	1,087.40
14250	HAC01	HACH CO., INC.	01/26/2010	0.00	3,048.65
14251	HAL01	HMB BLDG. & GARDEN INC.	01/26/2010	0.00	78.52
14252	HAL04	HALF MOON BAY REVIEW	01/26/2010	0.00	908.75
14253	HAL24	H.M.B.AUTO PARTS	01/26/2010	0.00	240.83

Check Number	Vendor No	Vendor Name		Check Date	Void Amount	Check Amount
14254	HAN01	HANSONBRIDGETT. LLP		01/26/2010	0.00	5,824.00
14255	HEA01	HEALTHWORKS		01/26/2010	0.00	14.00
14256	HOM01	HOME DEPOT		01/26/2010	0.00	25.76
14257	IED01	IEDA, INC.		01/26/2010	0.00	1,000.00
14258	IRO01	IRON MOUNTAIN		01/26/2010	0.00	349.25
14259	IRV01	IRVINE CONSULTING SERVICES, IN		01/26/2010	0.00	2,555.00
14260	IRV02	IRVINE CONSULTING SERVICES, IN		01/26/2010	0.00	1,866.24
14261	JAM01	JAMES FORD, INC.		01/26/2010	0.00	266.94
14262	MCT01	MCTV6		01/26/2010	0.00	375.00
14263	MIC01	ROBERTS ANALYTICAL INC		01/26/2010	0.00	1,695.00
14264	MIS01	MISSION UNIFORM SERVICES INC.		01/26/2010	0.00	153.29
14265	OCE04	OCEAN SHORE CO.		01/26/2010	0.00	1,009.72
14266	OFF01	OFFICE DEPOT		01/26/2010	0.00	639.88
14267	ONL01	ONLINE RESOURCES		01/26/2010	0.00	150.00
14268	ONT01	ONTRAC		01/26/2010	0.00	231.18
14269	PHI02	PHIL'S TIRE PROS		01/26/2010	0.00	1,844.60
14270	PIC01	WILLIAM PICHT		01/26/2010	0.00	150.00
14271	PIT04	PITNEY BOWES		01/26/2010	0.00	231.00
14272	RIC01	RICOH AMERICAS CORPORATION		01/26/2010	0.00	1,383.31
14273	ROB01	ROBERTS & BRUNE CO.		01/26/2010	0.00	2,830.13
14274	ROG01	ROGUE WEB WORKS, LLC		01/26/2010	0.00	330.00
14275	SAN05	SAN MATEO CTY PUBLIC HEALTH LA		01/26/2010	0.00	492.00
14276	SCH01	SCHWAAB STAMPS INC.		01/26/2010	0.00	239.22
14277	SEA03	SEAN M. TRACTOR & TRUCKING		01/26/2010	0.00	674.32
14278	SER03	SERVICE PRESS		01/26/2010	0.00	2,905.23
14279	SEW01	SEWER AUTH. MID- COASTSIDE		01/26/2010	0.00	570.00
14280	SPR04	SPRINGBROOK SOFTWARE, INC		01/26/2010	0.00	450.00
14281	STA01	STAT PADS, LLC		01/26/2010	0.00	125.00
14282	STA05	GAIN IN ADVANTAGE, LLC		01/26/2010	0.00	504.29
14283	TET01	JAMES TETER		01/26/2010	0.00	6,077.86
14284	UB*00721	NANCY STERN	**VOID**	01/26/2010	55.50	0.00
14285	UB*00722	TORI ATWELL	**VOID**	01/26/2010	335.04	0.00
14286	UB*00723	LESLIE SICONOLSFI	**VOID**	01/26/2010	75.00	0.00
14287	UB*00724	TAMARA RICKETSON	**VOID**	01/26/2010	27.99	0.00
14288	UB*00725	ELLEN SANDERS	**VOID**	01/26/2010	72.82	0.00
14289	UB*00726	LEE AQUILA		01/26/2010	0.00	11.16
14290	UB*00727	MARK MOSELY DENISE RIOS	**VOID**	01/26/2010	50.00	0.00
14291	UB*00728	GREG GOLDFARB		01/26/2010	0.00	50.99
14292	UB*00729	JACOB BUCK		01/26/2010	0.00	65.54
14293	UB*00730	RON BERKE		01/26/2010	0.00	22.95
14294	UB*00731	ANITA GOLDING		01/26/2010	0.00	61.61
14295	UB*00732	MICHELLE LANCASTER		01/26/2010	0.00	15.17
14296	UB*00733	KAREN HUHN		01/26/2010	0.00	75.00
14297	UB*00734	ELAINE SALAZAR		01/26/2010	0.00	13.16
14298	UB*00735	LISA GARRETT		01/26/2010	0.00	75.00
14299	UNI07	UNITED STATES POSTAL SERV.		01/26/2010	0.00	600.00
14300	VER02	VERIZON WIRELESS		01/26/2010	0.00	415.98
14301	WAT02	WATER EDUCATION FOUND.		01/26/2010	0.00	1,000.00
14302	WES11	WEST COAST AGGREGATES, INC.		01/26/2010	0.00	802.37
14303	WHE02	ANTONIO FRED WHELEN		01/26/2010	0.00	150.00
				Report Total:	**616.35**	**425,703.40**

COASTSIDE COUNTY WATER DISTRICT - PERIOD BUDGET ANALYSIS
31-Jan-10

ACCOUNT	DESCRIPTION	CURRENT ACTUAL	CURRENT BUDGET	B/(W) VARIANCE	B/(W) % VAR	YTD ACTUAL	YTD BUDGET	B/(W) VARIANCE	B/(W) % VAR
REVENUE									
1-0-4120-00	Water Revenue -All Areas	336,095	427,087	(90,992)	(21.3%)	3,468,772	3,640,746	(171,974)	(4.7%)
1-0-4170-00	Water Taken From Hydrants	182	2,083	(1,902)	(91.3%)	10,385	14,583	(4,199)	(28.8%)
1-0-4180-00	Late Notice -10% Penalty	3,199	4,167	(967)	(23.2%)	29,972	29,167	806	2.8%
1-0-4230-00	Service Connections	0	225,667	(225,667)	(100.0%)	3,166	454,667	(451,501)	(99.3%)
1-0-4235-00	CSP Connection T & S Fees	0	0	0	0.0%	3,485	0	3,485	0.0%
1-0-4920-00	Interest Earned	0	16,387	(16,387)	0.0%	19,827	49,162	(29,335)	(59.7%)
1-0-4925-00	Interest Revenue T&S Fees	0	0	0	0.0%	0	0	0	0.0%
1-0-4927-00	Inerest Revenue Bond Funds	0	0	0	0.0%	0	0	0	0.0%
1-0-4930-00	Tax Apportionments/Cnty Checks	30,659	0	30,659	0.0%	374,801	150,000	224,801	149.9%
1-0-4950-00	Miscellaneous Income	3,334	3,083	251	8.1%	17,146	21,583	(4,437)	(20.6%)
1-0-4955-00	Cell Site Lease Income	9,276	6,850	2,426	35.4%	61,498	47,950	13,548	28.3%
1-0-4960-00	CSP Assm. Dist. Processing Fee	0	0	0	0.0%	0	0	0	0.0%
1-0-4965-00	ERAF REFUND -County Taxes	0	0	0	0.0%	0	100,000	(100,000)	(100.0%)
1-0-4970-00	Wavecrest Reserve Conn. Fees	0	0	0	0.0%	0	0	0	0.0%
	REVENUE TOTALS	**382,745**	**685,324**	**(302,579.71)**	**(44.2%)**	**3,989,051**	**4,507,858**	**(518,806)**	**(11.5%)**
EXPENSES									
1-1-5130-00	Water Purchased	87,993	112,382	24,389	21.7%	992,981	999,524	6,543	0.7%
1-1-5230-00	Pump Exp, Nunes T P	1,781	1,583	(197)	(12.5%)	10,561	11,083	522	4.7%
1-1-5231-00	Pump Exp, CSP Pump Station	18,379	5,733	(12,646)	(220.6%)	215,242	205,321	(9,921)	(4.8%)
1-1-5232-00	Pump Exp, Trans. & Dist.	921	1,394	473	34.0%	7,295	12,609	5,314	42.1%
1-1-5233-00	Pump Exp, Pilarcitos Can.	2,962	1,563	(1,399)	(89.5%)	4,388	3,794	(594)	(15.7%)
1-1-5234-00	Pump Exp. Denniston Proj.	2,807	140	(2,667)	(1905.1%)	6,360	21,007	14,647	69.7%
1-1-5235-00	Denniston T.P. Operations	37	0	(37)	0.0%	4,084	11,787	7,703	65.3%
1-1-5236-00	Denniston T.P. Maintenance	6,193	8,000	1,807	22.6%	14,890	26,555	11,665	43.9%
1-1-5240-00	Nunes T P Operations	3,202	4,827	1,625	33.7%	44,863	39,760	(5,103)	(12.8%)
1-1-5241-00	Nunes T P Maintenance	3,804	3,167	(637)	(20.1%)	39,088	22,163	(16,925)	(76.4%)
1-1-5242-00	CSP Pump Station Operations	589	708	119	16.9%	4,419	4,956	537	10.8%
1-1-5243-00	CSP Pump Station Maintenance	1,829	2,313	484	20.9%	14,271	16,191	1,920	11.9%
1-1-5250-00	Laboratory Services	1,608	6,250	4,642	74.3%	21,917	43,750	21,833	49.9%
1-1-5318-00	Studies/Surveys/Consulting	3,654	1,879	(1,775)	(94.5%)	30,998	13,151	(17,847)	(135.7%)
1-1-5321-00	Water Conservation	7,574	5,054	(2,520)	(49.9%)	35,046	35,379	334	0.9%
1-1-5322-00	Community Outreach	4,277	2,392	(1,885)	(78.8%)	10,539	16,742	6,203	37.0%
1-1-5411-00	Salaries & Wages -Field	71,362	69,821	(1,541)	(2.2%)	515,700	523,658	7,958	1.5%
1-1-5412-00	Maintenance -General	3,241	16,708	13,467	80.6%	72,042	115,956	43,914	37.9%

Revised: 2/3/2010 1:19 PM

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	4,190	3,958	(232)	(5.8%)	28,650	27,708	(942)	(3.4%)
1-1-5415-00	Maintenance -Well Fields	0	1,250	1,250	100.0%	2,713	8,750	6,037	69.0%
1-1-5610-00	Salaries/Wages-Administration	47,508	49,739	2,231	4.5%	349,240	373,043	23,802	6.4%
1-1-5620-00	Office Supplies & Expense	10,205	10,929	724	6.6%	61,798	76,504	14,707	19.2%
1-1-5621-00	Computer Services	4,014	4,788	774	16.2%	31,723	28,713	(3,010)	(10.5%)
1-1-5625-00	Meetings / Training / Seminars	770	1,667	897	53.8%	11,832	11,667	(165)	(1.4%)
1-1-5630-00	Insurance	43,163	43,819	656	1.5%	300,287	311,734	11,448	3.7%
1-1-5640-00	Employees Retirement Plan	33,983	34,442	459	1.3%	236,737	258,317	21,580	8.4%
1-1-5645-00	SIP 401K Plan	0	1,667	1,667	100.0%	0	11,667	11,667	100.0%
1-1-5681-00	Legal	1,300	4,333	3,033	70.0%	25,096	30,333	5,238	17.3%
1-1-5682-00	Engineering	646	1,250	604	48.3%	7,001	8,750	1,749	20.0%
1-1-5683-00	Financial Services	0	2,583	2,583	100.0%	19,863	18,083	(1,779)	(9.8%)
1-1-5684-00	Payroll Tax Expense	9,066	8,627	(440)	(5.1%)	60,257	64,700	4,442	6.9%
1-1-5687-00	Membership, Dues, Subscript.	6,797	7,485	688	9.2%	31,637	39,392	7,755	19.7%
1-1-5688-00	Election Expenses	0	0	0	0.0%	0	0	0	0.0%
1-1-5689-00	Labor Relations	1,000	1,000	0	0.0%	7,000	7,000	0	0.0%
1-1-5700-00	San Mateo County Fees	0	0	0	0.0%	7,531	10,800	3,269	30.3%
1-1-5705-00	State Fees	0	0	0	0.0%	8,669	9,500	831	8.7%
1-1-5711-00	Debt Srvc/Existing Bonds 1998A	0	0	0	0.0%	245,610	245,610	0	0.0%
1-1-5712-00	Debt Srvc/Existing Bonds 2006B	1,019	0	(1,019)	0.0%	335,182	332,286	(2,896)	(0.9%)
1-1-5713-00	Contribution to CIP & Reserves	43,121	43,121	0	0.0%	301,850	301,850	0	0.0%
1-1-5745-00	CSP Connect. Reserve Contribu.	0	0	0	0.0%	3,485	0	(3,485)	0.0%
1-1-5746-00	Wavecrest CSP Connt. Reserve	0	0	0	0.0%	0	0	0	0.0%
	EXPENSE TOTALS	**428,995**	**464,572**	**35,577**	**7.7%**	**4,120,844**	**4,299,792**	**178,948**	**4.2%**
	NET INCOME	**(46,250)**	**220,752**	**(267,003)**		**(131,793)**	**208,065**	**-339,858**	

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COASTSIDE COUNTY WATER DISTRICT

INVESTMENT REPORT

January 31, 2010

		Restricted	*Restricted*	*Restricted for CSP CIP Projects*		
	CASH FLOW & OPERATING RESERVE	**EMERGENCY RESERVES**	**CAPITAL EXPENDITURES**	**DISTRICT CSP CONTRIBUTION**	**CSP T&S FEES**	**TOTAL**
DISTRICT BALANCES						
CASH IN FNB						
OPERATING ACCOUNT			$773,114.61			$773,114.61
CSP T&S ACCOUNT					$26,402.19	$26,402.19
TOTAL FIRST NATIONAL BANK	$0.00	$0.00	$773,114.61	$0.00	$26,402.19	$799,516.80
CASH WITH L.A.I.F	$297,900.00	$1,740,663.00	$599,163.90	$0.00	$20,867.98	$2,658,594.88
UNION BANK - Project Fund Balance			$1,445,130.79			$1,445,130.79
						$0.00
CASH ON HAND	$1,930.00					$1,930.00
TOTAL DISTRICT CASH BALANCES	$299,830.00	$1,740,663.00	$2,817,409.30	$0.00	$47,270.17	$4,905,172.47
ASSESSMENT DISTRICT BALANCES						
CASH IN FIRST NATIONAL BANK (FNB)						
REDEMPTION ACCOUNT		$ 87,350.97				
RESERVE ACCOUNT (Closed Account 8-4-04)		$ -				
TOTAL ASSESSMENT DISTRICT CASH		$ 87,350.97				

This report is in conformity with CCWD's Investment Policy and there are sufficient funds to meet CCWD's expenditure requirements for the next three months.

COASTSIDE COUNTY WATER DISTRICT
APPROVED CAPITAL IMPROVEMENT PROJECTS
FISCAL YEAR 2009-2010

31-Jan-10

	Acct No.	Approved CIP Budget FY 09/10	Actual To Date FY 09/10	% Completed
PIPELINE PROJECTS				
Main Street/Hwy 92 Widening Project	1120-93	$ 20,000		0.0%
WATER TREATMENT PLANTS				
Denniston Intake Maintenance	1120-03	$ 80,000	$ 89,820	112.3%
Denniston WTP - Intake Construction		$ 100,000		
Nunes - Floc Drive Repair		$ 50,000		
Nunes Filter Media Replacement	1121-25	$ 50,000	$ 15,921	31.8%
FACILITIES & MAINTENANCE				
District Space Planning		$ 25,000		
AMR Program	1121-41	$ 400,000		0.0%
PRV Valves Replacement Project	1121-43	$ 20,000	$ 20,639	103.2%
Meter Change Program	1117-06	$ 18,000	$ 31,946	177.5%
Fire Hydrant Replacement	1121-49	$ 40,000		0.0%
Pilarcitos Culvert Repair	1121-48	$ 200,000	$ 113,068	56.5%
EQUIPMENT PURCHASE & REPLACEMENT				
Vehicle Replacement	1118-04	$ 28,000		0.0%
Computer System	1118-02	$ 5,000	$ 1,187	23.7%
Office Equipment/Furniture	1118-02	$ 3,000		0.0%
SCADA/Telemetry/electrical controls	1120-82	$ 250,000	$ 7,801	3.1%
PUMP STATIONS / TANKS / WELLS				
Alves Tank Recoating (Interior/Exterior)	1121-08	$ 300,000		0.0%
Cahill Tank Ladder Replacement		$ 15,000		0.0%
Crystal Springs Check Valve Repair/Replacement		$ 100,000		0.0%
Crystal Springs Re-roof and Paint		$ 50,000		0.0%
Crystal Springs Soft Starts 1 & 3	1118-12	$ 25,000	$ 156	0.6%
EG Tank #1 Pump Station Pump Replacement		$ 23,000		0.0%
EG Tank #1 Security Fence		$ 20,000		0.0%

COASTSIDE COUNTY WATER DISTRICT
APPROVED CAPITAL IMPROVEMENT PROJECTS
FISCAL YEAR 2009-2010

31-Jan-10

	Acct No.	Approved CIP Budget FY 09/10	Actual To Date FY 09/10	% Completed
Hazen's Tank Fence Upgrade		$ 10,000		0.0%
Miramar Tank Interior Recoating/Mixing	1121-51	$ 230,000	$ 199,598	86.8%
New Pilarcitos Well		$ 25,000		0.0%
Pilarcitos Canyon Blending Station	1121-53	$ 100,000	$ 13,641	13.6%
Well Rehabilitation	1121-38	$ 40,000	$ 27,111	67.8%
NUNES/ DENNISTON WTP PRIORITY (SHORT-TERM) IMPROVEMENTS				
Nunes / Denniston Short Term WTP Modifications	1121-21	$ 600,000	$ 29,366	4.9%
DENNISTON WTP (LONG-TERM) IMPROVEMENTS (MEMBRANE FILTRATION)				
Denniston Pre/Post Treatment Design	1127-04	$ 350,000	$ 38,653	11.0%
NUNES WTP (LONG-TERM) IMPROVEMENTS (UV DISINFECTION)				
Modify Filters for Rate of Flow Control		$ 10,000		0.0%
WATER SUPPLY DEVELOPMENT				
Reclamation Project Planning	1127-00	$ 100,000	$ 37,253	37.3%
Water Supply Alternatives Evaluation		$ 50,000		0.0%
TOTALS		**$ 3,337,000**	**$ 626,161**	**18.8%**

FY 08/09 CIP Projects - ***paid in FY 09/10***

Office Equipment - Furniture	1118-02	$ 7,566
Denniston Storage Tank Modification Project	1121-40	$ 54,569
Nunes (was Denniston) Cl2/ph Analyzer	1118-10	$ 7,421
Skylights	1118-01	$ 11,688
El Granada Pipeline P3	1128-03	$ 14,990

COASTSIDE COUNTY WATER DISTRICT
APPROVED CAPITAL IMPROVEMENT PROJECTS
FISCAL YEAR 2009-2010

31-Jan-10

	Acct No.	Approved CIP Budget FY 09/10	Actual To Date FY 09/10	% Completed
NON-BUDGETED ITEMS (CAPITAL EXPEDITURES) FOR CURRENT FISCAL YEAR 09/10				
Nunes - Generator Radiator	1121-54		$ 17,774	
Installation of Base Stations (3) & Replacment at Dist. Offi	1118-13		$ 10,506	
Avenue Cabrillo - Pipeline Replacement	1121-16		$ 3,025	

Legal Cost Tracking Report
12 Months At-A-Glance

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

Month	Admin (General Legal Fees)	Recycle Water Analysis	Transfer Program	CIP	Personnel	Lawsuits	Infrastructure Project Review (Reimbursable)	TOTAL
Feb-09	2,651			494			3,978	7,123
Mar-09	4,212	494		113			3,134	7,953
Apr-09	3,588	7,670	754	1,222			104	13,338
May-09	3,210	1,300		3,000			442	7,952
Jun-09	7,454	2,002	182	52				9,690
Jul-09	15,556	3,250	1,222	364			234	20,626
Aug-09	4,661	2,574	312	312			1,084	8,943
Sep-09	4,389		130	130			1,872	6,521
Oct-09	4,196		234	1,300				5,730
Nov-09	6,156		234	598			676	7,664
Dec-09	4,940		598	26			910	6,474
Jan-10	3,406	234	2,132				52	5,824
TOTAL	**64,419**	**17,524**	**5,798**	**7,610**	**0**	**0**	**12,486**	**107,837**

Engineer Cost Tracking Report
12 Months At-A-Glance

Acct. No. 5682
JAMES TETER
Engineer

Month	Admin & Retainer	Phase 3 EG Pipeline	CIP	Short Term WTP Imprv.	Studies & Projects	TOTAL	Reimburseable from Projects
Feb-09	2,529			14,082	1,501	**18,112**	1,501
Mar-09	1,071		825	9,703	1,369	**12,967**	1,369
Apr-09	561		161	7,744	3,357	**11,822**	3,357
May-09	1,526		2,774	1,940	5,915	**12,154**	5,915
Jun-09	480	322	2,496		7,420	**10,718**	7,420
Jul-09	1,379			6,010	2,490	**9,879**	2,490
Aug-09	1,642			5,459	1,660	**8,761**	1,660
Sep-09	1,507			4,946	4,111	**10,564**	4,111
Oct-09	480				2,140	**2,620**	2,140
Nov-09	1,347			701	1,841	**3,889**	1,841
Dec-09						**0**	
Jan-10	646		3,025	1,743	664	**6,078**	664
TOTAL	**13,168**	**322**	**9,280**	**52,327**	**32,468**	**107,565**	**32,468**

COASTSIDE COUNTY WATER DISTRICT

766 MAIN STREET

HALF MOON BAY, CA 94019

MINUTES OF THE SPECIAL BOARD OF DIRECTORS MEETING

Tuesday, January 12, 2010

1) ROLL CALL: President Mickelsen called the meeting to order at 7:00 p.m. Present at roll call: Vice-President Feldman, and Directors Ken Coverdell, Jim Larimer and Jerry Donovan.

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

2) PLEDGE OF ALLEGIANCE

3) PUBLIC ANNOUNCEMENTS: There were no public announcements.

4) CONSENT CALENDAR

- **A.** Requesting the Board to review disbursements for the month Ending December 31, 2009 – Claims: $355,918.95; Payroll: $76,465.71 for a total of $432,384.66
- **B.** Acceptance of Financial Reports
- **C.** Minutes of the December 8, 2009 Board of Directors Meeting
- **D.** Minutes of the December 15, 2009 Special Board of Directors Meeting
- **E.** Monthly Water Transfer Report
- **F.** Installed Water Connection Capacity and Water Meters Report
- **G.** Total CCWD Production Report
- **H.** CCWD Monthly Sales by Category Report
- **I.** December 2009 Leak Report
- **J.** Rainfall Reports
- **K.** 411 Chesterfield – Water Service Agreement

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

ON MOTION by Director Larimer and seconded by Vice-President Feldman, the Board voted as follows, by roll call vote, to accept the Consent Calendar in its entirety:

Director Coverdell	**Aye**
Vice-President Feldman	**Aye**
Director Larimer	**Aye**
Director Donovan	**Aye**
President Mickelsen	**Aye**

5) MEETINGS ATTENDED / DIRECTOR COMMENTS

Director Coverdell reported that he had recently reviewed the water efficient ordinances, water conservation and landscaping ordinance and the implementation of the indoor water use efficiency ordinance, noting that the water conservation efforts that will be required over the next three to four years will be significant.

6) GENERAL BUSINESS

A. Fiscal Year 2009-2010 CIP Projects Update

Mr. Dickson reviewed the background of this item, reporting that the approved Fiscal Year 2009-2010 Capital Improvement Program (CIP) budget included fiscal year expenditures of $3,337,000 on CIP Projects. He summarized the table provided, indicating the CIP Projects budgeted for Fiscal Year 2009-2010, the amounts expended to date, the projected year-end expenditures, and the status of the projects. He reviewed the current progress on some of the key CIP Projects, reporting that the District is on the schedule that Bartle Wells anticipated when they prepared their financing plan, which indicated that the District will need to borrow money near the end of this fiscal year. He further reported that he recently had discussions with the Finance Committee regarding a proposal from Bartle Wells to provide assistance in obtaining financing, which would be presented to the Board at the February meeting. Potential future revisions to the formatting of the table were briefly discussed.

B. Mid-Year Financial Review

Mr. Dickson provided a mid-year review of the District's finances, reporting that the District is performing close to the approved budget and summarizing the significant variances in both revenue and operating expenses. He noted that, based on this review, he projects that the District should finish the year on budget.

C. Award of Contract – Denniston Filter Evaluation

Mr. Dickson turned the introduction of this agenda item over to Mr. Guistino, who explained that an evaluation of the filter system at Denniston is necessary to determine the cause of the poor backwash and insufficient cleaning of the filters. Mr. Guistino and Mr. Dickson addressed several questions from the Board

ON MOTION by Director Coverdell and seconded by Director Larimer, the Board voted as follows, by roll call vote, to award the contract for media removal, under drain inspection and media replacement for the Denniston Water Treatment Plant pressure filters to ERS Industrial Services in the sum of $48,264.96:

Director Coverdell	**Aye**
Vice-President Feldman	**Aye**
Director Larimer	**Aye**
Director Donovan	**Aye**
President Mickelsen	**Aye**

D. Approval of contract for SCADA Design

Mr. Dickson informed the Board that the a District-wide upgrade of instrumentation and electrical control systems (Systems Control and Data Acquisition, or SCADA) is a high priority element of the Capital Improvement Program (CIP). He further advised that the approved Fiscal Year 2009-2010 to Fiscal Year 2018- 2019 CIP contains a total of $1.1 million for SCADA, including $250,000.00 in Fiscal Year 2009-2010.

Mr. Dickson stated that Frisch Engineering had been retained to perform the SCADA pre-design project and did a very thorough and overall excellent job of the pre-design. He explained that the staff now proposes to retain Frisch Engineering to complete the final overall SCADA design and Frisch has agreed to expedite the design work in order to

allow issuing a request for bids in March 2010. Mr. Dickson then addressed questions from the Board regarding the SCADA project.

ON MOTION by Director Coverdell and seconded by Director Donovan, the Board voted as follows, by roll call vote, to authorize execution of the contract with Frisch Engineering for SCADA design for an estimated cost of $73,530.00:

Director Coverdell	**Aye**
Vice-President Feldman	**Aye**
Director Larimer	**Aye**
Director Donovan	**Aye**
President Mickelsen	**Aye**

E. <u>Water Reclamation Update</u>

Mr. Dickson referenced his staff report, which included a Project Summary from the San Francisco Bay Area Recycled Water Coalition (BARWC) and a summary of the January 7, 2010 BARWC meeting he attended. He informed the Board that it appears likely that the Senate authorization bill will not pass until the end of this year, thus ensuring that the list of projects will have no prospect of obtaining appropriations in Fiscal Year 2011. He noted that, given the uncertainty of the Federal grant process, that the District must design a water recycling project that can move forward independent of outside funding.

Mr. Dickson also provided an update on the recent progress with the Sewer Authority Mid-Coastside (SAM), including the District's initiation of a sampling program to determine suitability of SAM's effluent for agronomic use. CCWD will administer the program and pay for the laboratory analyses, with SAM staff being responsible for collecting the samples. He also reported that he has been working with SAM staff to draft agreement principles that can be adopted by the SAM and CCWD boards as a basis for a recycled water agreement between the two agencies. He stated that he anticipates the SAM Board will consider the principles at their January 25, 2010 meeting, which would allow the District to review the principles at the February 9, 2010 CCWD Board meeting. He explained that this will be a significant step forward once the principles are agreed upon, and will allow us to advance to a more detailed agreement for the project.

7) GENERAL MANAGER'S REPORT INCLUDING MONTHLY INFORMATIONAL REPORTS

Mr. Dickson reported on the latest developments in regards to the Midcoast Local Plan (LCP), reporting that on December 10, 2009, the California Coastal Commission (CCC) "approved" the LCP, subject to San Mateo County's acceptance of their recommended modifications. He explained that San Mateo County has 180 days to decide whether to accept the modifications, and if they do not, the existing LCP remains in effect.

Mr. Dickson reported that although there are significant issues to be resolved between the Coastal Commission and the County, the Coastal Commission staff had addressed concerns he had expressed in their revised recommendations. He advised the Board that the San Mateo County Board of Supervisors will be discussing the CCC's proposed modifications at their meeting scheduled for February 23, 2010 and he would continue to monitor and provide the Board with updates on the LCP progress. Board discussion of the LCP and process then ensued.

Mr. Dickson provided an update on the surveys for the sale and purchase of non-priority water service connections, which were recently mailed to parcel owners within the District. He advised the Board that the survey had been advertised in the Half Moon Bay Review, on the District's website and on MCTV and that the results of the surveys will be presented to the Board at the February 9, 2010 meeting.

A. Monthly Water Resources Report
B. Water Shortage and Drought Contingency Plan Update
C. Operations Report

Ms. Brennan reviewed the items contained in her Water Resources Report, including the recent adoption of the Water Conservation in Landscaping Regulations Ordinance by the City of Half Moon Bay, and addressed questions and comments from the Board.

Mr. Guistino highlighted several items in his Operations Report, consisting of details in regards to the recoating of the Miramar Tank and plans for the upcoming unidirectional flushing program.

8) DIRECTOR AGENDA ITEMS – REQUESTS FOR FUTURE BOARD MEETINGS

There were no Director comments.

9) ADJOURNMENT

The meeting was adjourned at 8:43 p.m. The next regular meeting of the Coastside County Water District's Board of Directors is scheduled for Tuesday, February 9, 2010.

Respectfully submitted,

_____
David R. Dickson, General Manager
Secretary of the Board

_____
Chris R. Mickelsen, President
Board of Directors
Coastside County Water District

COASTSIDE COUNTY WATER DISTRICT

Installed Water Connection Capacity & Water Meters

2010

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

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

Installed Water Meters	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec	Totals
HMB Non-Priority	**1**												**1**
HMB Priority													**0**
County Non-Priority													**0**
County Priority													**0**
Monthly Total	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**

2010 Water Service Installations

2010 Water Service Installations

APN	Name	Install Address	City/Community	Meter Size	Type	Date Installed	Notes
056-161-100	Cameron Jeffs	311 Church Street	HMB	5/8"	Non-Priority	6-Jan-10	1" DC also installed

added capacity

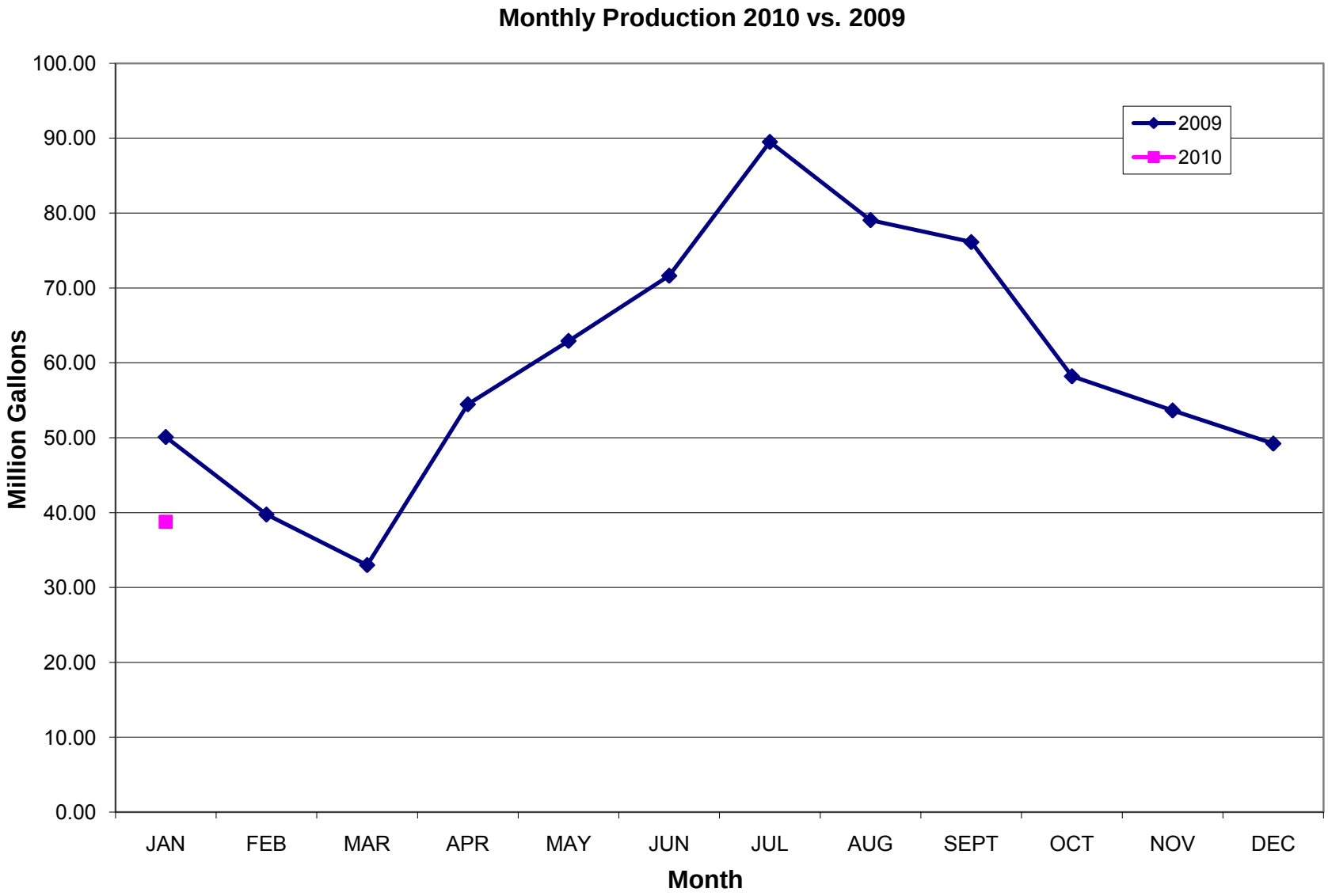
TOTAL CCWD PRODUCTION (MG) ALL SOURCES-2010

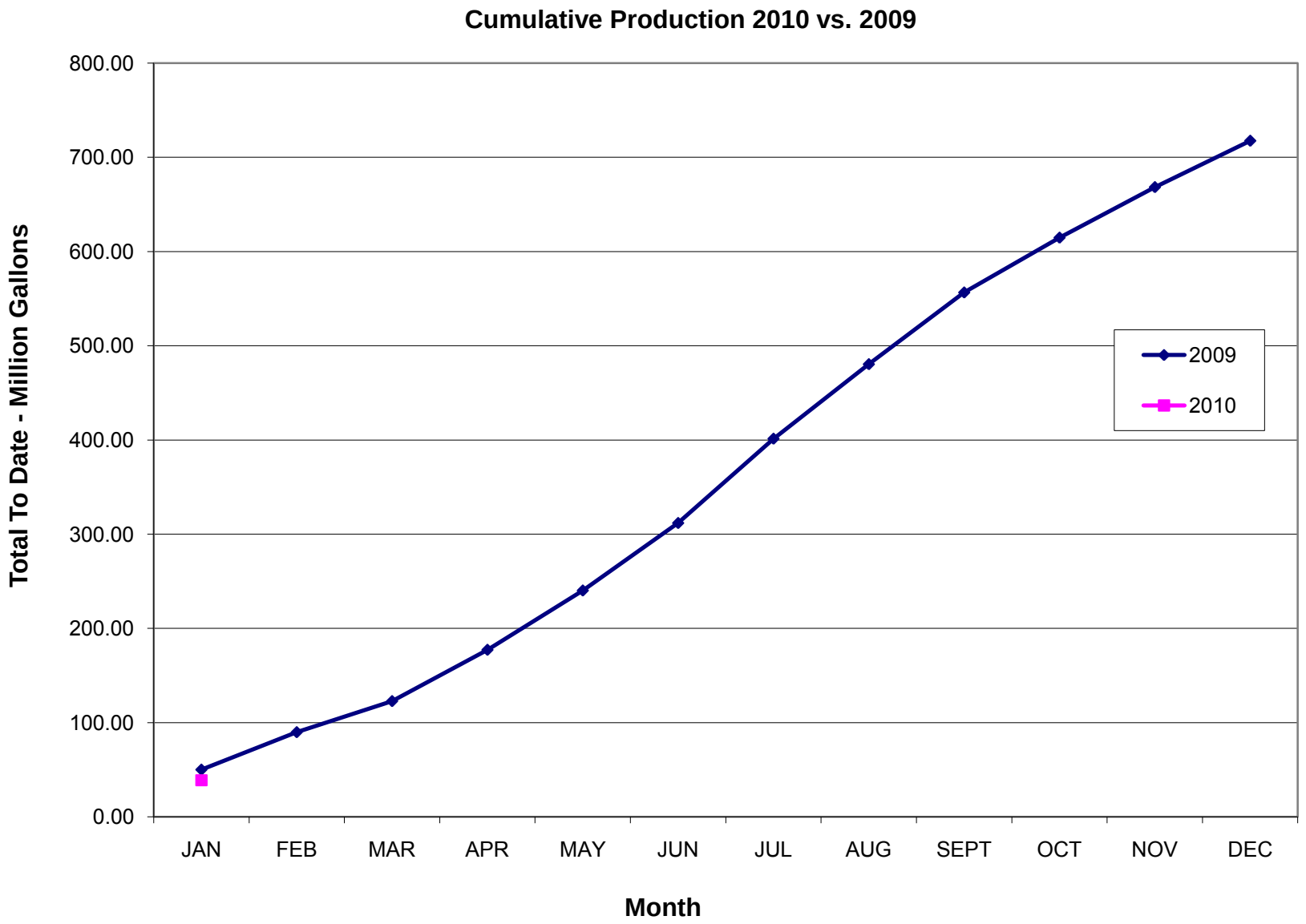
	PILARCITOS WELLS	PILARCITOS LAKE	DENNISTONWELLS	DENNISTON RESERVOIR	CRYSTAL SPRINGS RESERVOIR	RAW WATER TOTAL	IN-PLANT USAGE AND UNMETERED WATER	TREATED TOTAL
JAN	9.69	6.24	0.00	0.00	25.35	41.28	2.52	38.76
FEB								
MAR								
APR								
MAY								
JUN								
JUL								
AUG								
SEPT								
OCT								
NOV								
DEC								
TOTAL	9.69	6.24	0.00	0.00	25.35	41.28	2.518	**38.76**
% TOTAL	23.5%	15.1%	0.0%	0.0%	61.4%	100.0%	6.1%	93.9%

12 Month Running Treated Total **756.38**

TOTAL CCWD PRODUCTION (MG) ALL SOURCES-2009

	PILARCITOS WELLS	PILARCITOS LAKE	DENNISTONWELLS	DENNISTON RESERVOIR	CRYSTAL SPRINGS RESERVOIR	RAW WATER TOTAL	USAGE AND UNMETERED WATER	TREATED TOTAL
JAN	1.56	0.00	0.00	0.78	52.21	54.55	4.46	50.09
FEB	4.19	5.11	0.00	0.00	33.52	42.82	3.08	39.74
MAR	1.12	35.08	0.00	0.00	0.00	36.20	3.21	32.99
APR	0.00	58.566	0.30	0.76	0.00	59.63	5.17	54.46
MAY	0.00	49.27	2.43	12.46	3.77	67.93	5.00	62.93
JUN	0.00	57.09	2.38	11.07	5.84	76.38	4.74	71.64
JUL	0.00	1.78	0.00	1.27	90.10	93.15	3.64	89.52
AUG	0.00	0.00	0.00	0.00	82.30	82.30	3.24	79.06
SEPT	0.00	0.00	0.00	0.00	78.74	78.74	2.61	76.13
OCT	0.00	0.00	0.00	0.00	60.48	60.48	2.28	58.20
NOV	5.14	0.00	0.69	2.85	48.00	56.68	3.04	53.64
DEC	7.93	0.00	0.6	3.07	40.13	51.73	2.516	49.21
TOTAL	19.94	206.90	6.40	32.26	495.09	760.59	42.973	**717.62**
% TOTAL	2.6%	27.2%	0.8%	4.2%	65.1%	100.0%	5.6%	94.4%


Monthly Production 2010 vs. 2009
100.00
90.00
80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
Million Gallons
2009
2010
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEPT
OCT
NOV
DEC
Month


Cumulative Production 2010 vs. 2009
Total To Date - Million Gallons
800.00
700.00
600.00
500.00
400.00
300.00
200.00
100.00
0.00
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEPT
OCT
NOV
DEC
Month
2009
2010

Coastside County Water District Monthly Sales By Category (MG)
2010

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	MG to Date
RESIDENTIAL	20.466												20.47
COMMERCIAL	5.336												5.34
RESTAURANT	2.192												2.19
HOTELS/MOTELS	2.699												2.70
SCHOOLS	0.347												0.35
MULTI DWELL	2.431												2.43
BEACHES/PARKS	0.436												0.44
FLORAL	5.243												5.24
RECREATIONAL	0.025												0.03
MARINE	0.975												0.98
IRRIGATION	0.120												0.12
Portable Meters	0.000												0.00
TOTAL - MG	40.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.27

Running 12 Month Total 699.01

Coastside County Water District Monthly Sales By Category (MG)
2009

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	MG to Date
RESIDENTIAL	23.097	35.336	18.88	37.224	23.718	48.096	29.420	55.001	29.038	48.765	22.031	34.135	404.74
COMMERCIAL	5.456	0.952	4.953	1.188	5.552	1.217	6.815	1.275	6.710	1.512	5.317	1.047	41.99
RESTAURANT	2.623	0.123	2.585	0.12	2.872	0.126	3.196	0.337	3.279	0.313	2.527	0.272	18.37
HOTELS/MOTELS	3.755	0.085	3.39	0.088	3.928	0.115	4.721	2.061	4.029	1.735	3.473	1.291	28.67
SCHOOLS	0.737	0.034	0.509	0.043	1.615	0.12	2.884	1.989	1.966	1.490	1.079	0.525	12.99
MULTI DWELL	1.863	1.331	2.533	1.277	2.441	1.435	2.872	3.378	3.531	2.424	2.055	2.254	27.39
BEACHES/PARKS	0.405	0.017	0.305	0.052	0.818	0.101	1.049	0.146	1.180	0.074	0.563	0.014	4.72
FLORAL	9.622	0.242	11.549	0.241	16.427	0.158	13.865	7.366	9.049	7.344	8.228	5.018	89.11
RECREATIONAL	0	0.17	0.046	0.221	0.055	0.203	0.070	0.260	0.080	0.194	0.026	0.203	1.53
MARINE	1.006	0	0.812	0	0.802	0	0.966	0.000	1.233	0.000	1.184	0.000	6.00
IRRIGATION	2.042	1.247	1.076	1.213	0.728	2.418	17.384	15.809	11.340	8.194	3.227	3.234	67.91
PORTABLE METERS	0	0.371	0	0.193	0	0.362	0.000	1.739	0.000	1.676	0.000	1.563	
MG	50.61	39.91	46.64	41.86	58.96	54.35	83.24	89.36	71.44	73.72	49.71	49.56	709.34

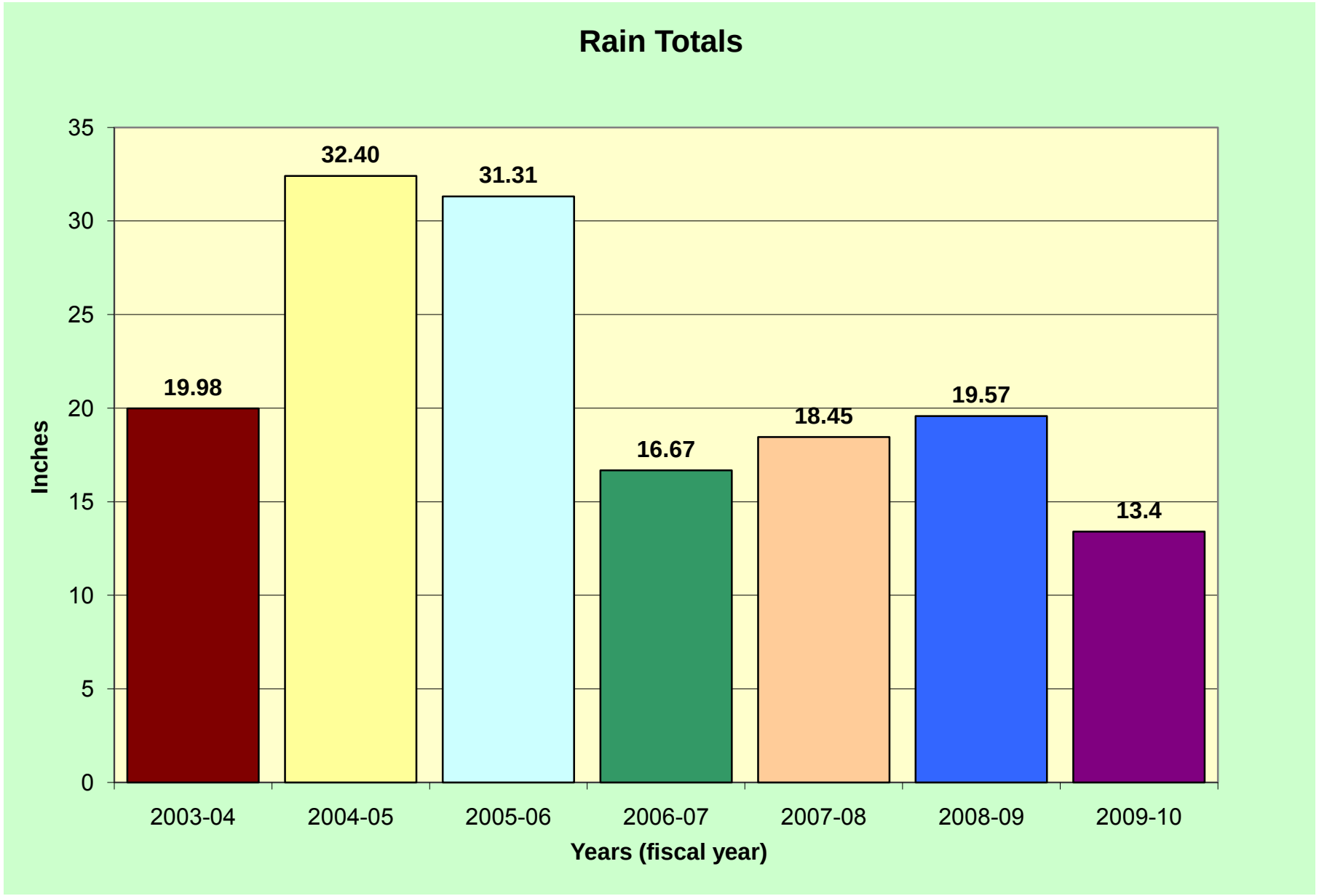
Coastside County Water District
Monthly Leak Report
January 2010

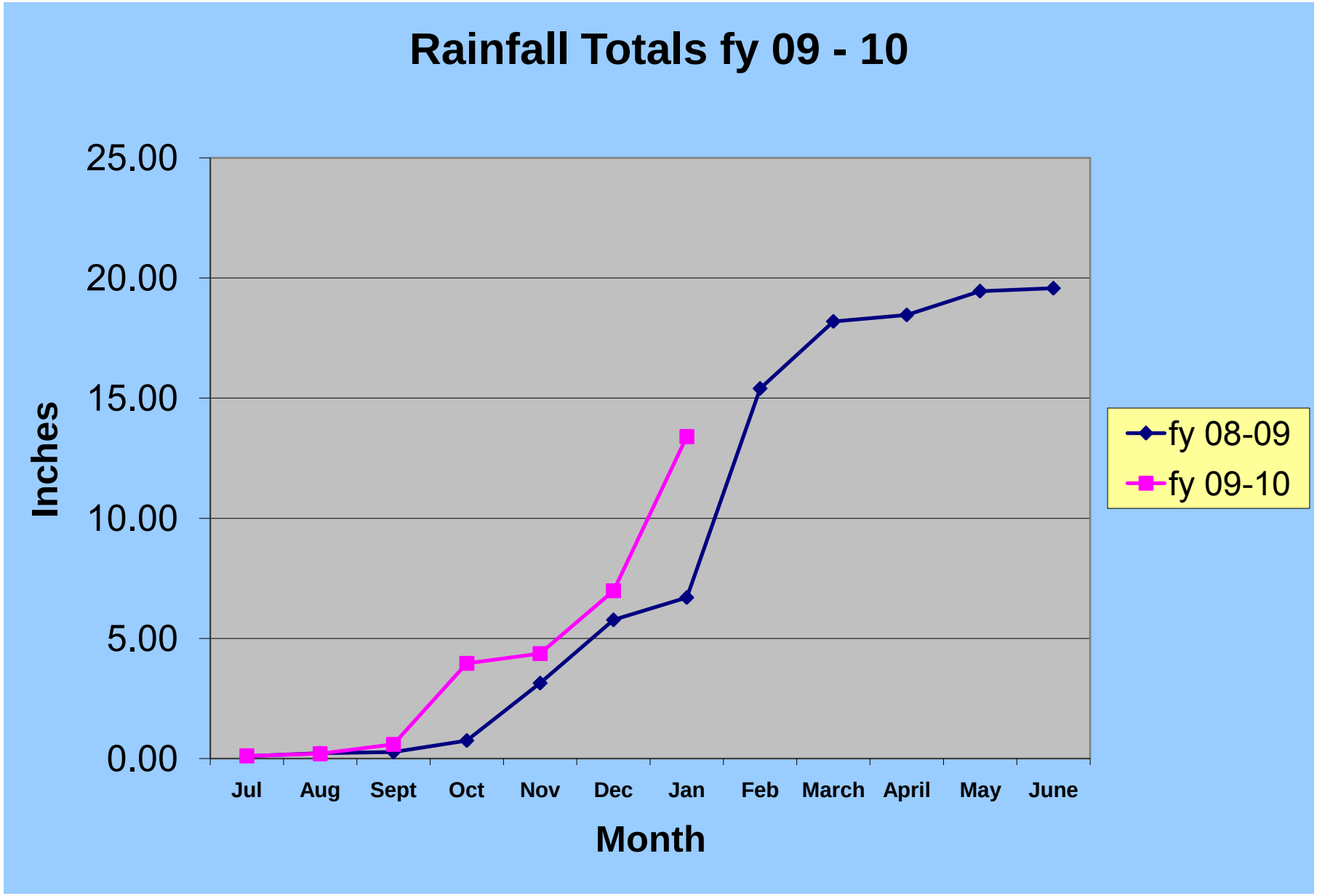
Date	Location	City	Pipe Type/Size	Repair Material	Estimated Water Loss (gallons)	Repair Material Costs	Manpower and Equipment Costs	Estimated Cost of Repair (dollars)
07-Jan-10	Vallejo Street	EG	3/4" black plastic service	angle stop / 1 - 3/4" copxcop / 1 - B9 Box with	600	$214.28	$775	$989
07-Jan-10	Harvard Street	Princeton	1" copper service	1 - 1"x2" clamp / 2 ton rock	600	$41.45	$775.00	$816
				TOTAL	**1,200.00**	**255.73**	**1,550.00**	**1,805.73**

Coastside County Water District
766 Main Street
July 2009 - June 2010

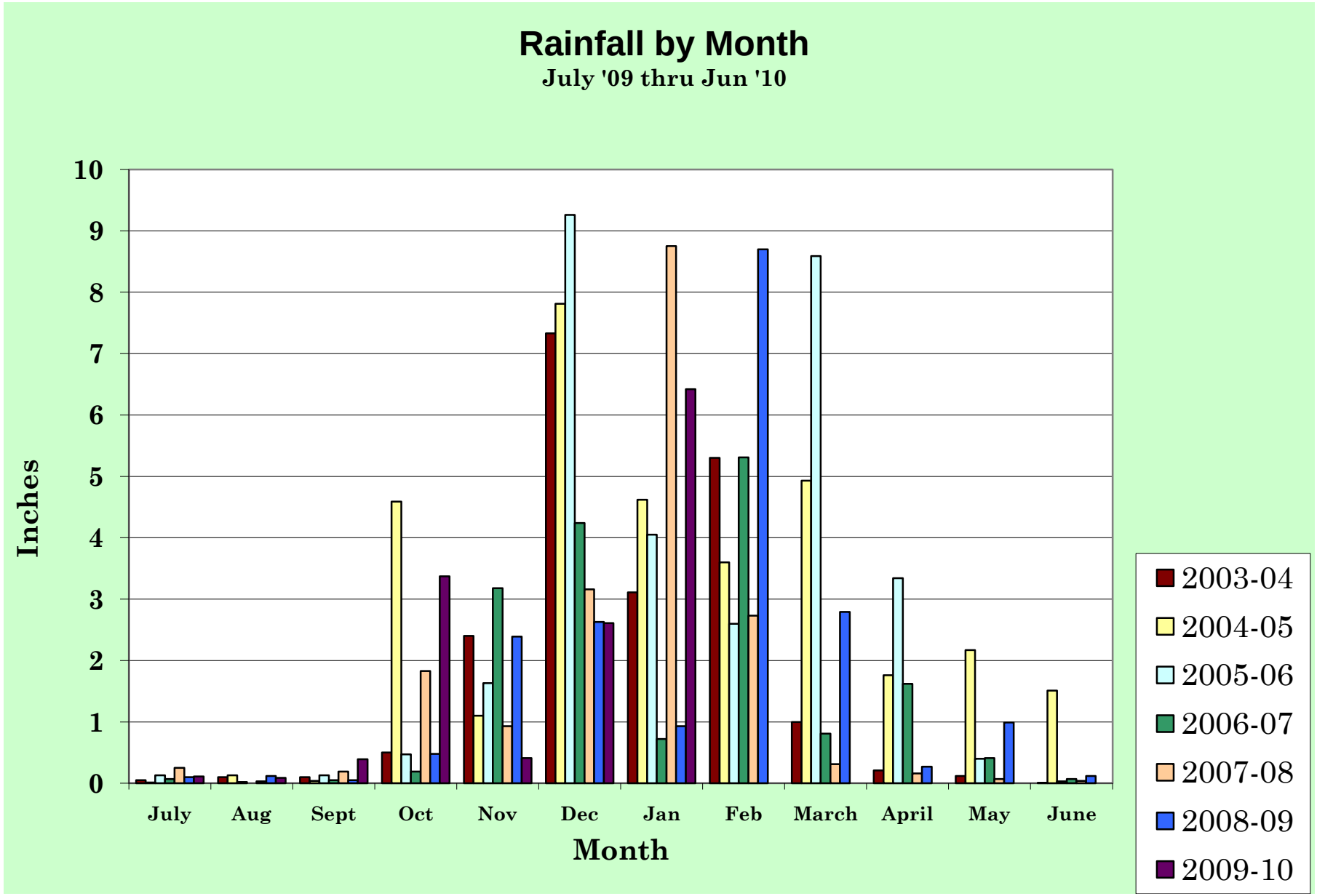
District Office
Rainfall in Inches

	2009						2010					
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June
1	0	0.01	0	0	0.01	0	0.01					
2	0	0	0	0	0	0	0.01					
3	0	0.02	0	0	0	0	0					
4	0	0	0	0	0	0	0					
5	0	0.01	0.01	0	0	0	0					
6	0	0.04	0.01	0	0.15	0.27	0					
7	0	0	0.01	0	0.01	0.24	0					
8	0	0	0	0	0	0	0					
9	0	0	0	0	0	0	0					
10	0	0	0	0	0	0.09	0					
11	0	0.01	0	0	0	0.25	0					
12	0	0	0	0	0	0.53	0.42					
13	0	0	0.32	3.21	0	0.21	0.01					
14	0	0	0	0.01	0.04	0	0.01					
15	0	0	0.01	0	0	0	0					
16	0.01	0	0	0	0.01	0.11	0.18					
17	0	0	0	0.01	0.03	0.01	0.37					
18	0	0	0	0	0.01	0	0.85					
19	0	0	0.01	0.09	0	0	1.34					
20	0	0	0	0.01	0.07	0	1.47					
21	0	0	0	0	0.01	0.12	0.48					
22	0.01	0	0	0.01	0	0.01	0.36					
23	0.02	0	0	0.01	0	0	0.26					
24	0.01	0	0	0	0	0	0.01					
25	0.01	0	0	0.01	0	0	0.19					
26	0	0	0	0.01	0	0.59	0.04					
27	0.01	0	0.01	0	0.07	0	0					
28	0.01	0	0.01	0	0	0	0					
29	0.01	0	0	0	0	0.16	0.39					
30	0.01	0	0	0	0	0.02	0.01					
31	0.01	0		0		0	0.01					
Mon.Total	0.11	0.09	0.39	3.37	0.41	2.61	6.42	0.00	0.00	0.00	0.00	0.00
Year Total	0.11	0.20	0.59	3.96	4.37	6.98	13.40	13.40	13.40	13.40	13.40	13.40


Rain Totals
35
30
25
20
15
10
5
0
Inches
19.98
32.40
31.31
16.67
18.45
19.57
13.4
2003-04
2004-05
2005-06
2006-07
2007-08
2008-09
2009-10
Years (fiscal year)


Rainfall Totals fy 09 - 10
25.00
20.00
15.00
10.00
5.00
0.00
Inches
Jul
Aug
Sept
Oct
Nov
Dec
Jan
Feb
March
April
May
June
Month
fy 08-09
fy 09-10

Coastside County Water District



MONTHLY CLIMATOLOGICAL SUMMARY for JAN. 2010

NAME: Office CITY: Half Moon Bay STATE: CA ELEV: 80 LAT: 37 38' 00" LONG: 122 25'59"

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	56.5	64.2	2:00p	50.8	7:30a	8.5	0.0	0.01	0.0	6.0	2:00p	N
2	55.8	59.4	12:30p	53.2	8:30p	9.2	0.0	0.01	4.0	20.0	6:00p	NNE
3	54.2	60.3	2:00p	51.3	7:30a	10.8	0.0	0.00	4.1	21.0	8:00a	NNE
4	52.0	58.3	2:30p	47.4	6:30a	13.0	0.0	0.00	4.3	19.0	7:30a	NNE
5	53.9	61.3	1:30p	46.9	6:00a	11.1	0.0	0.00	4.2	20.0	3:30p	N
6	54.6	61.6	2:00p	49.0	8:00a	10.4	0.0	0.00	3.7	18.0	12:00p	N
7	55.5	63.1	2:30p	49.5	8:30a	9.5	0.0	0.00	3.1	19.0	9:00a	N
8	54.5	61.0	2:30p	49.5	12:00m	10.5	0.0	0.00	3.4	17.0	1:00p	NNE
9	53.3	61.9	1:00p	49.3	12:30a	11.7	0.0	0.00	2.7	19.0	4:30a	NNE
10	54.3	62.5	1:30p	47.5	7:00a	10.7	0.0	0.00	1.9	16.0	4:00p	NNE
11	56.1	63.5	1:00p	50.4	3:00a	8.9	0.0	0.00	1.8	17.0	11:00p	NNE
12	59.9	64.9	12:00p	55.9	1:30a	5.1	0.0	0.42	5.2	23.0	3:30a	SE
13	58.1	65.8	1:00p	48.9	12:00m	6.9	0.0	0.01	1.3	16.0	12:30a	S
14	52.8	63.5	4:00p	44.6	6:00a	12.2	0.0	0.01	1.5	13.0	7:00a	N
15	54.5	63.1	2:30p	48.5	2:00a	10.5	0.0	0.00	1.0	13.0	6:00a	NNE
16	54.8	62.8	1:00p	45.4	7:30a	10.2	0.0	0.18	1.8	15.0	11:30a	S
17	55.4	59.1	12:00p	53.2	2:00p	9.6	0.0	0.37	3.2	22.0	6:30p	SE
18	55.6	60.8	1:30p	53.1	4:00a	9.4	0.0	0.85	6.3	43.0	10:30a	SE
19	55.9	61.1	2:30p	52.0	4:00p	8.9	0.0	1.34	6.6	37.0	5:30a	SE
20	54.5	59.7	1:30p	50.1	7:30p	10.5	0.0	1.47	6.8	35.0	8:00a	S
21	48.2	54.4	1:00a	44.9	8:00p	16.8	0.0	0.48	2.6	22.0	5:30a	NE
22	50.3	60.2	1:00p	45.9	8:00a	14.7	0.0	0.36	0.8	17.0	6:00a	ESE
23	50.5	57.9	3:00p	45.4	12:00m	14.5	0.0	0.26	0.5	11.0	2:30p	SSE
24	51.3	59.1	2:30p	44.0	4:00a	13.7	0.0	0.01	1.3	12.0	1:00p	ESE
25	56.1	60.4	12:00p	52.9	4:00a	8.9	0.0	0.19	4.5	27.0	6:30p	SE
26	54.8	59.1	1:30p	48.9	12:00m	10.2	0.0	0.04	2.8	17.0	12:30a	N
27	51.8	60.5	1:00p	44.6	7:00a	13.2	0.0	0.00	0.8	10.0	1:00p	N
28	52.0	61.2	3:30p	44.7	7:00a	13.0	0.0	0.00	0.4	9.0	12:00p	SSW
29	53.5	63.1	1:30p	25.7	2:30p	11.5	0.0	0.39	1.7	17.0	3:00p	S
30	52.3	60.1	2:00p	44.7	12:00m	12.7	0.0	0.01	0.6	8.0	12:30p	SW
31	50.8	59.1	2:00p	43.9	7:00a	14.2	0.0	0.01	0.3	8.0	4:00a	N
	54.0	65.8	13	25.7	29	341.2	0.0	6.42	2.7	43.0	18	NNE

Max >= 90.0: 0
Max <= 32.0: 0
Min <= 32.0: 1
Min <= 0.0: 0
Max Rain: 1.47 ON 1/20/10
Days of Rain: 12 (>.01 in) 11 (>.1 in) 2 (>1 in)
Heat Base: 65.0 Cool Base: 65.0 Method: Integration

STATION *(Climatological)* Half Moon Bay | *(River Station, if different)* | MONTH Jan | 2010

STATE CA | COUNTY San Mateo | RIVER

TIME *(local)* OF OBSERVATION RIVER | TEMPERATURE 16:00 | PRECIPITATION 16:00 | STANDARD TIME IN USE

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

WS FORM B-91 (03-09)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE: 24 HRS ENDING AT OBSERVATION MAX	MIN	AT OBSN	PRECIPITATION: 24 HR AMOUNTS Rain, melted snow, etc. (in and hundredths)	Snow, ice pellets, hail (ins.and tenths)	AT OB Snow, ice pellets, hail ice on ground (in)	WEATHER (Observation Day) Fog	Ice pellets	Glaze	Thunder	Hail	Damaging winds	Time of occurrence if different from above	RIVER STAGE Condition	Gage reading at ___ AM	Tendency	REMARKS (SPECIAL OBSERVATIONS, ETC.)
1	59	47	58	T													
2	62	51	56	0.02													
3	62	50	59	0.01													
4	61	48	58	0.00													
5	62	43	60	0.00													
6	65	46	62	0.00													
7	65	46	58	0.00													
8	65	49	56	0.00													
9	61	48	59	0.00													
10	63	44	59	0.00													
11	60	46	58	0.00													
12	63	53	60	0.27													
13	61	51	57	0.14													
14	62	39	57	0.01													
15	59	47	57	T													
16	61	42	57	0.01													
17	58	49	53	0.52													
18	57	49	51	0.74													
19	58	47	49	1.49													
20	55	48	51	0.94													
21	53	44	48	0.67													
22	55	45	49	0.38													
23	57	41	55	0.33													
24	57	40	54	0.05													
25	58	50	55	0.07													
26	58	52	55	0.20													
27	57	40	53	0.01													
28	57	40	55	0.00													
29	59	43	55	0.02													
30	58	42	57	0.51													
31	59	40	56	0.01													
	59.6	45.8	SUM	6.40													

PRECIPITATION: *Draw a straight line (-------) through hours precipitation was observed, and a wavy line (~~~~~) through hours precipitation probably occurred unobserved*

A.M. NOON P.M. — 1 2 3 4 5 6 7 8 9 10 11 | 1 2 3 4 5 6 7 8 9 10 11

WEATHER (Observation Day) — Mark 'X' for all types occurring each day

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
Closed by Tony Pullin (HMBC1) on 01 Feb 2010 03:50PM

SUPERVISING OFFICE
MTR San Francisco

STATION INDEX NO.
04-3714-04

San Francisco Public Utilities Commission
Hydrological Conditions Report
For December 2009

J. Chester, B. McGurk, A. Mazurkiewicz, M. Tsang, January 6, 2010

Current System Storage

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

Table 1
Current Storage
As of January 1, 2010

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/]	252,793		340,830		88,037		74.2%
Cherry [2/]	260,197		268,810		8,613		96.8%
Lake Eleanor [3/]	15,865		23,541		7,676		67.4%
Water Bank	560,112		570,000		9,888		98.3%
Tuolumne Storage	1,088,967		1,203,181		114,214		90.5%
Local Bay Area Storage							
Calaveras [4/]	33,072	10,776	96,824	31,550	63,752	20,774	34.2%
San Antonio	46,032	15,000	50,496	16,454	4,464	1,455	91.2%
Crystal Springs	47,847	15,591	58,377	19,022	10,529	3,431	82.0%
San Andreas	17,770	5,790	18,996	6,190	1,226	400	93.5%
Pilarcitos	2,116	689	3,100	1,010	984	321	68.3%
Total Local Storage	146,837	47,847	227,793	74,226	80,956	26,381	64.5%
Total System	1,235,804		1,430,974		195,170		86.4%

[1/] Maximum Hetch Hetchy Reservoir storage with drum gates de-activated.
[2/] Maximum Cherry Reservoir storage with flash-boards out.
[3/] Maximum Lake Eleanor storage with all stop-logs out.
[4/] Available capacity does not take into account current DSOD storage restrictions.

Hetch Hetchy System Precipitation Index [5/]

Current Month: The December six-station precipitation index is 6.79 inches, or 120.3% of the average index for the month. The precipitation gauge at Hetch Hetchy received 5.68 inches of precipitation. Most of the precipitation for the month fell early in the month during the first full week of the month. The early storm began with a very low snowline, which brought snowfall all the way down to Moccasin at 900 feet and many parts of the Bay Area. A wetter period later in the week continued to build a significant snowpack in the mountains.

Cumulative Precipitation to Date: The accumulated six-station precipitation index for water year 2010 is 12.19 inches, which is 34.3% of the average annual water year total, or 105.1% of the season-to-date precipitation. The water year cumulative precipitation for the Hetch Hetchy gauge is shown in Figure 1 in red, and is slightly below the median line.

[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.

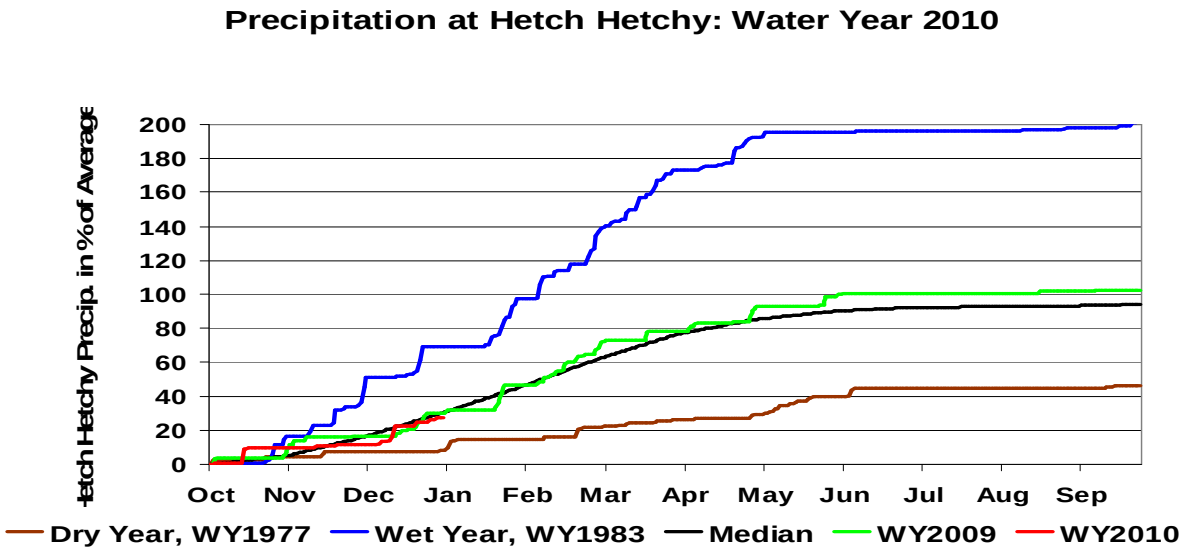


Figure 1: Water year 2010 cumulative precipitation received at Hetch Hetchy Reservoir through the end-of-month December. Precipitation curves for wet, dry, median, and WY 2009 years for the station at Hetch Hetchy are included for comparison purposes.

Tuolumne Basin Unimpaired Inflow

Unimpaired inflow to SFPUC reservoirs and the Tuolumne River at La Grange as of December 31st is summarized below in Table 2. The December inflows to the SFPUC reservoirs were slightly below normal due to the cold storm system which produced snowfall in the Up-country watersheds. The December natural flow at La Grange was significantly below normal. This is a result of the dry antecedent conditions throughout the low elevations and the impact of the major storm event bringing snow all the way down to New Don Pedro shoreline. Season to date inflows are also below normal. In December, there were 1,069 Acre-feet of water available to the City.

Table 2
Unimpaired Inflow
Acre-Feet

	December 2009				October 1, 2009 through December 31, 2009			
	Observed Flow	Median[6]	Average[6]	Percent of Average	Observed Flow	Median[6]	Average[6]	Percent of Average
Inflow to Hetch Hetchy Reservoir	10,401	12,298	20,845	49.9%	37,400	28,667	41,034	91.1%
Inflow to Cherry Reservoir and Lake Eleanor	12,932	13,911	22,838	56.6%	41,686	31,366	44,067	94.6%
Tuolumne River at La Grange	38,609	48,302	86,977	44.4%	103,745	96,030	150,812	68.8%
Water Available to the City	1,069	1,449	36,468	2.9%	20,198	5,366	52,385	38.6%

[6] Hydrologic Record: 1919 – 2005.

Hetch Hetchy System Operations

A total of 18,480 acre-feet of water was released from Hetch Hetchy Reservoir in December to support minimum streamflow releases and SJPL deliveries.

During December, about 14,690 acre-feet of power draft was made from Cherry Reservoir to support the City's Municipal load and District Class 1. Pumping from Eleanor to Cherry during December was done to control future spill at Lake Eleanor. Over 6,972 AF of water was transferred from Eleanor to Cherry in December.

Local System Operations

The Sunol Valley Treatment Plant average plant rate for December was 18 MGD. The Harry Tracy Water Treatment Plant rate averaged 33 MGD for the month.

Local System Water Demand

December water demand averaged 169 MGD, a 17% decrease from the November average of 203 MGD.

Local Precipitation

December precipitation across both East Bay and Peninsula watersheds was 85% of average for the month. Precipitation totals are presented in Table 3.

Table 3
Precipitation Totals At Three Local Area Reservoirs For December 2009

Reservoir	Month Total (inches)	Percentage of Normal for the Month	Year To Date [7] (inches)	Percentage of Normal for the Year-to-Date [7]
Pilarcitos	5.32	74 %	11.55	77 %
Lower Crystal Springs	4.47	96 %	8.98	90 %
Calaveras	3.13	86 %	6.42	82 %

[7] Since July 1 2009

Snowmelt and Water Supply

December began with a relatively wet and cool period which developed the seasonal mountain snowpack. However, since mid-month no major storm systems moved into the region. Some minor precipitation events did occur and maintained near average precipitation conditions. This brought the mountain snowpack to just below normal according to automated snow measuring stations.

The next three months typically result in the most significant precipitation for the water year and have the greatest impact on water supply. The short-term forecast for up to 10 days does not have any significant precipitation events. However, slightly further out in the 11-14 day forecast, there is a potential for stronger storm systems to occur. The seasonal climate forecast continues to call for an increased probability of above average precipitation. Given the current snowpack conditions and the weather outlooks, the water year is tracking slightly below normal to normal. The majority of winter is still ahead and the current conditions are a sound foundation for continued average hydrologic conditions.

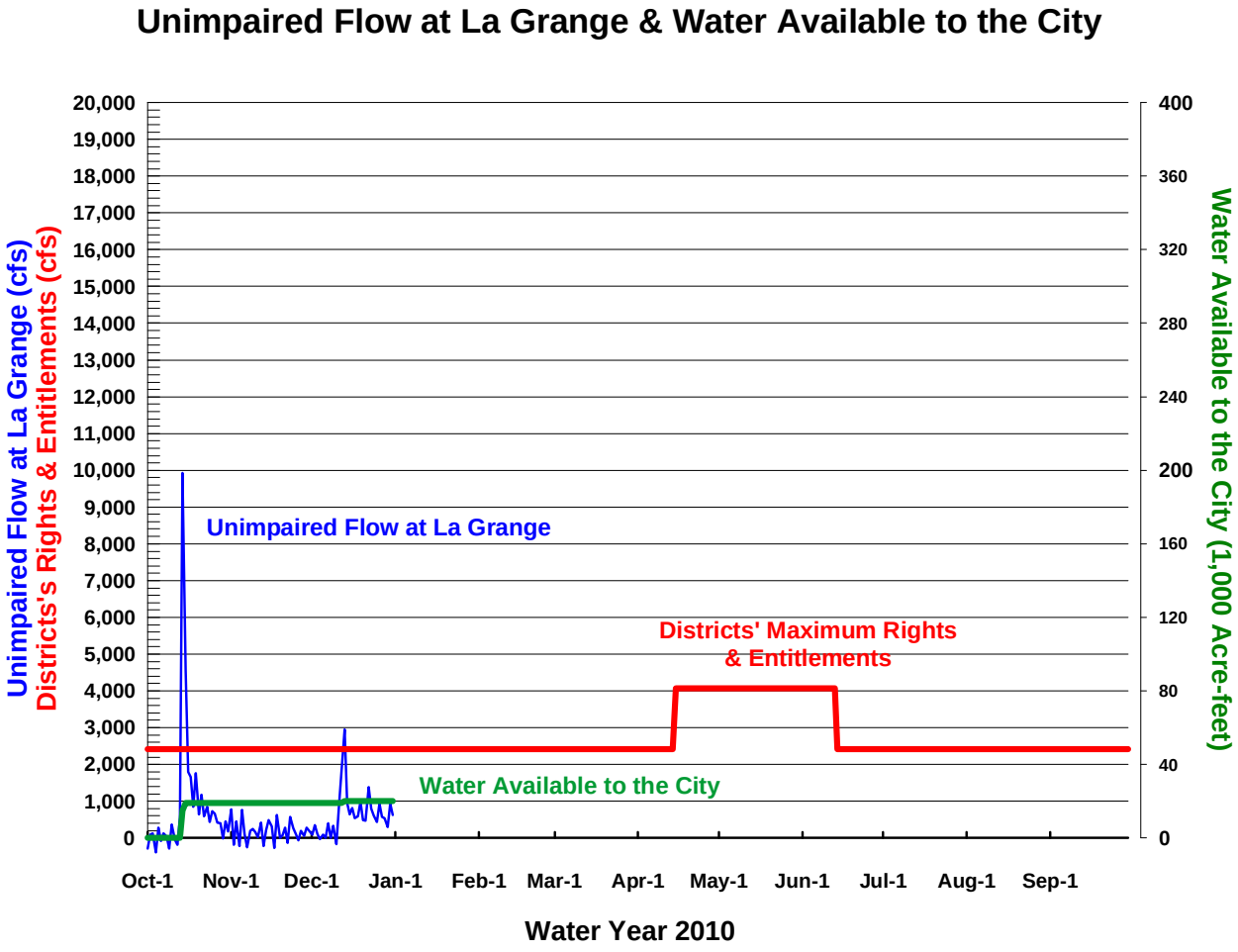


Figure 2: Calculated unimpaired flow at La Grange and the allocation of flows between the Districts and the City. Water available to the City for the period from October 1st, 2009 through December 31st, 2009 was 20,198 acre-feet.

cc	HHWP Records	Dufour, Alexis	Kehoe, Paula	Ramirez, Tim
	Briggs, David	Gibson, Bill	Levin, Ellen	Ritchie, Steve
	Cameron, David	Griffin, Dave	Mazurkiewicz, Adam	Rydstrom, Todd
	Carlin, Michael	Hale, Barbara	McGurk, Bruce	Samii, Camron
	Chester, John	Hannaford, Margaret	Meier, Steve	Sandkulla, Nicole
	DeGraca, Andrew	Harrington, Ed	Nelson, Kent	Tsang, Michael
	Dhakal, Amod	Jensen, Art	Patterson, Mike	Winnicker, Tony

San Francisco Public Utilities Commission
Hydrological Conditions Report
For January 2010

J. Chester, B. McGurk, A. Mazurkiewicz, M. Tsang, February 2, 2010

Current System Storage

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

Table 1
Current Storage
As of February 1, 2010

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/]	268,724		340,830		72,106		78.8%
Cherry [2/]	249,859		268,810		18,951		93.0%
Lake Eleanor [3/]	16,554		23,541		6,987		70.3%
Water Bank	564,799		570,000		5,201		99.1%
Tuolumne Storage	1,099,936		1,203,181		103,245		91.4%
Local Bay Area Storage							
Calaveras [4/]	40,722	13,269	96,824	31,550	56,102	18,281	42.1%
San Antonio	46,032	15,000	50,496	16,454	4,464	1,455	91.2%
Crystal Springs	48,540	15,817	58,377	19,022	9,837	3,205	83.1%
San Andreas	17,675	5,759	18,996	6,190	1,321	431	93.0%
Pilarcitos	2,648	863	3,100	1,010	452	147	85.4%
Total Local Storage	155,617	50,708	227,793	74,226	72,176	23,519	68.3%
Total System	1,255,553		1,430,974		175,421		87.7%

[1/] Maximum Hetch Hetchy Reservoir storage with drum gates de-activated.
[2/] Maximum Cherry Reservoir storage with flash-boards out.
[3/] Maximum Lake Eleanor storage with all stop-logs out.
[4/] Available capacity does not take into account current DSOD storage restrictions.

Hetch Hetchy System Precipitation Index [5/]

Current Month: The January six-station precipitation index is 7.52 inches, or 118.5% of the average index for the month. The precipitation gauge at Hetch Hetchy received 6.57 inches of precipitation. A week-long series of storms accounted for most of January's precipitation accumulation. The series of storms brought consistent snowfall to elevations above 6,000 ft, and some snow as low as 4,000 ft.

Cumulative Precipitation to Date: The accumulated six-station precipitation index for water year 2010 is 19.71 inches, which is 55.4% of the average annual water year total, or 109.7% of the season-to-date precipitation. The water year cumulative precipitation for the Hetch Hetchy gauge is shown in Figure 1 in red, and is approximately on the black median line.

[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.

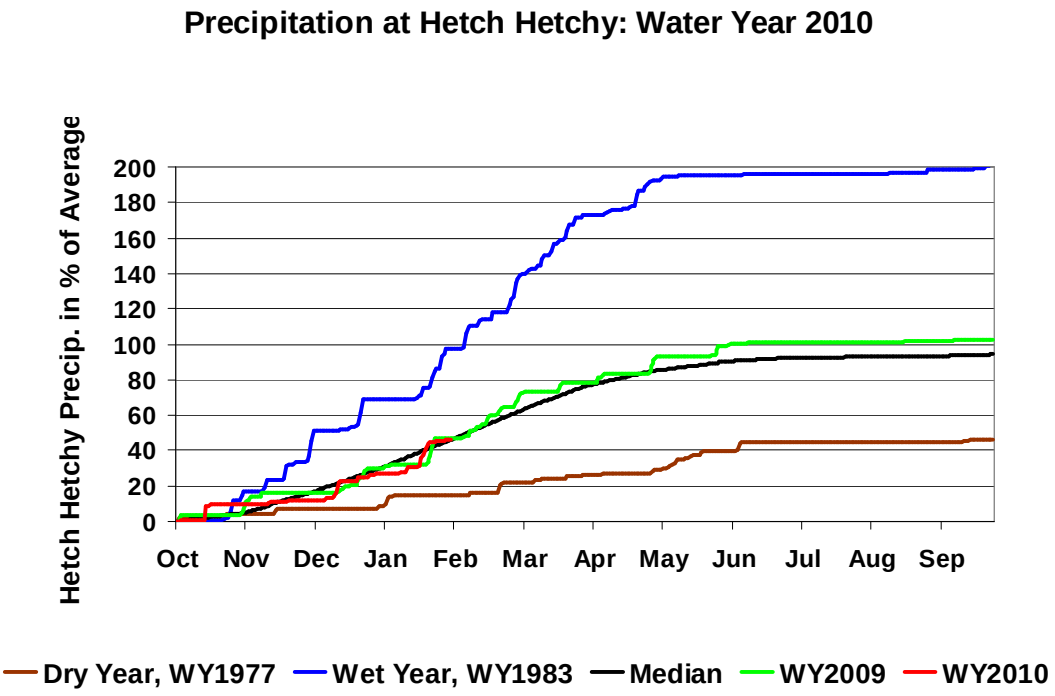


Figure 1: Water year 2010 cumulative precipitation received at Hetch Hetchy Reservoir through the end-of-month January. Precipitation curves for wet, dry, median, and WY 2009 years for the station at Hetch Hetchy are included for comparison purposes.

Tuolumne Basin Unimpaired Inflow

Unimpaired inflow to SFPUC reservoirs and the Tuolumne River at La Grange as of January 31st is summarized below in Table 2. The January inflows to the SFPUC reservoirs, the Tuolumne at La Grange, and Water Available to the City were below normal due to cool conditions and the consistently low snowline during the major storm events.

Table 2
Unimpaired Inflow
Acre-Feet

	January 2010				October 1, 2009 through January 31, 2010			
	Observed Flow	Median[6]	Average[6]	Percent of Average	Observed Flow	Median[6]	Average[6]	Percent of Average
Inflow to Hetch Hetchy Reservoir	19,948	15,297	23,455	85.0%	57,348	49,332	64,489	88.9%
Inflow to Cherry Reservoir and Lake Eleanor	21,053	15,572	24,383	86.3%	62,739	51,546	68,450	91.7%
Tuolumne River at La Grange	89,862	71,722	123,078	73.0%	193,607	180,751	273,890	70.7%
Water Available to the City	10,500	6,377	53,050	19.8%	30,698	22,226	105,435	29.1%

[6] Hydrologic Record: 1919 – 2005.

Hetch Hetchy System Operations

On January 4th, SJPL deliveries were suspended for balance of the month for inspection and numerous maintenance projects. This resulted in only 4,725 acre-feet of water being released from Hetch Hetchy Reservoir in January to support minimum streamflow releases and SJPL deliveries. SJPL deliveries will resume in mid-February.

During January, about 129,617 acre-feet of power draft was made from Cherry Reservoir to support the City's Municipal load. Pumping from Eleanor to Cherry during January was done to decrease anticipated spill at Lake Eleanor. Over 9,560 AF of water was transferred from Eleanor to Cherry in January.

Local System Operations

The Sunol Valley Treatment Plant average water production rate for January was 94 MGD; the Harry Tracy Water Treatment Plant rate averaged 57 MGD. The increase in plant rates for January is due to the SJPL supply being off-line for maintenance work.

Local System Water Demand

January water demand averaged 173 MGD, a 2% increase from the December average of 169 MGD.

Local Precipitation

January precipitation across the East Bay and Peninsula watersheds was 123% of average for the month. Precipitation totals are presented in Table 3.

Table 3
Precipitation Totals At Three Local Area Reservoirs For January 2010

Reservoir	Month Total (inches)	Percentage of Normal for the Month	Year To Date [7] (inches)	Percentage of Normal for the Year-to-Date [7]
Pilarcitos	8.80	109 %	20.35	88 %
Lower Crystal Springs	6.14	108 %	15.11	96 %
Calaveras	6.52	153 %	12.94	107 %

[7] Since July 1, 2009

Snowmelt and Water Supply

Manual snow survey measurements were made during the last week of January. These measurements provide vital snowpack and water supply information. The measurements within the Tuolumne River watershed indicate that the snowpack is 117% of average February 1st conditions or 74% of April 1st snowpack, which is considered peak snowpack. Typical February 1st snowpack is 60% of April 1st.

Although January precipitation was slightly above normal, inflows to all the reservoirs lagged below normal conditions. This is a result of the January 17-23 storm pattern. Typical January storm patterns produce a greater range in elevation of the snowline (with rain occurring up to 8,000 feet at times) than was observed this January. This January the snowline remained below 6,500 feet during all of the major storms. This pattern produced above-average snowpack in the

lower elevation range (6,000 to 8,000 feet), while higher-elevation snowpack is at average. The impact of these snow conditions on water supply at this point is difficult to interpret. Low-elevation snowpack does not typically result in significant inflows; however this is greatly dependent on the melt pattern. At this point, the slightly above-average snow at the lower elevations is interpreted to result in normal snowmelt runoff conditions.

February and March typically result in 25% of the water-year precipitation, so the next two months can have a large impact on water supply. The short-term forecast for the next five days does include a series of precipitation events. The 5-14 day forecast is also calling for continued storm activity. The one- and three-month forecasts continue to call for an increased probability of above-average precipitation. Given the current snowpack conditions and the weather outlooks, the water year is likely to reach or exceed normal conditions. The next two months of winter are important, but the current conditions are a sound foundation for at least average hydrologic conditions.

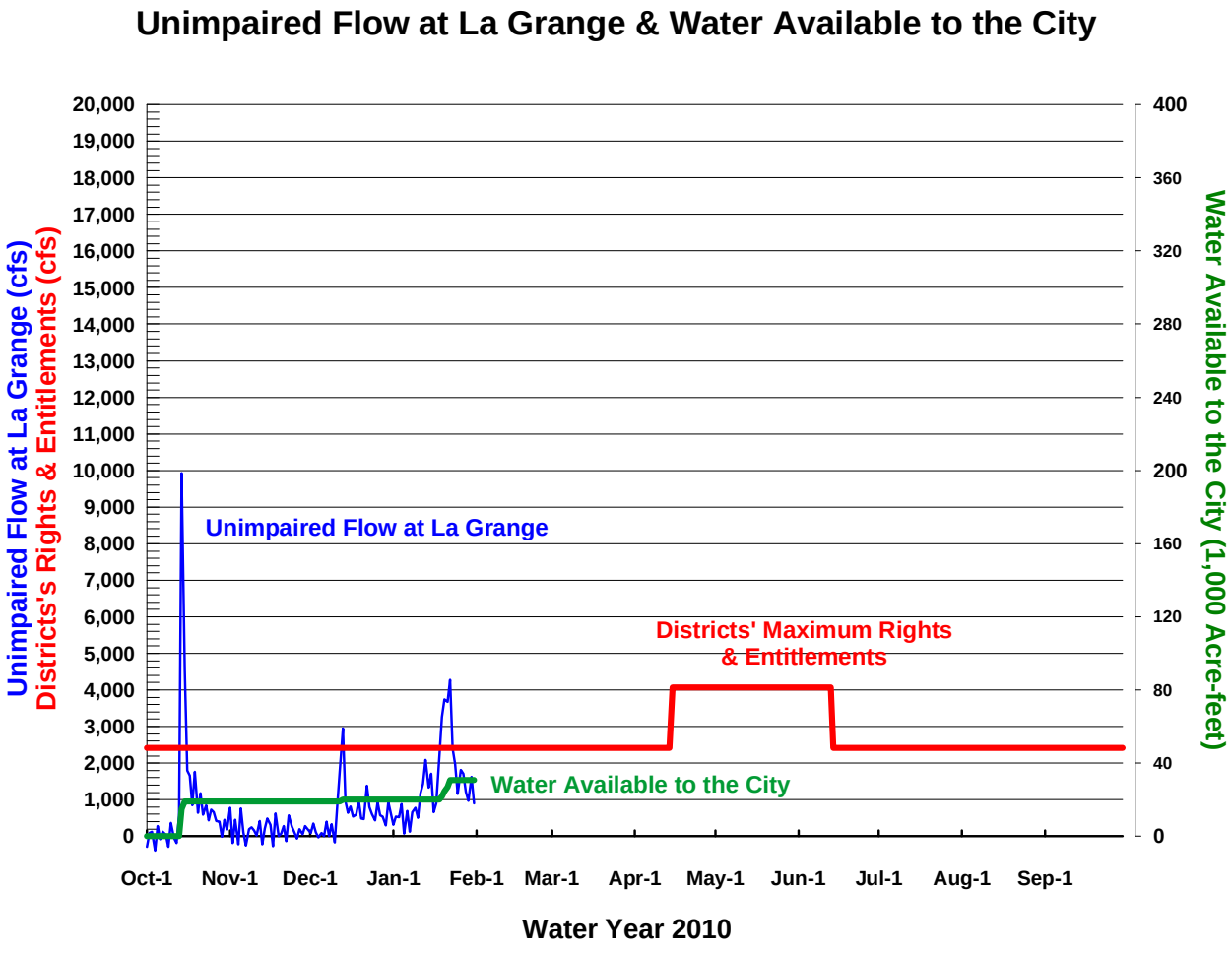


Figure 2: Calculated unimpaired flow at La Grange and the allocation of flows between the Districts and the City. Water available to the City for the period from October 1st, 2009 through January 31st, 2010 was 30,698 acre-feet.

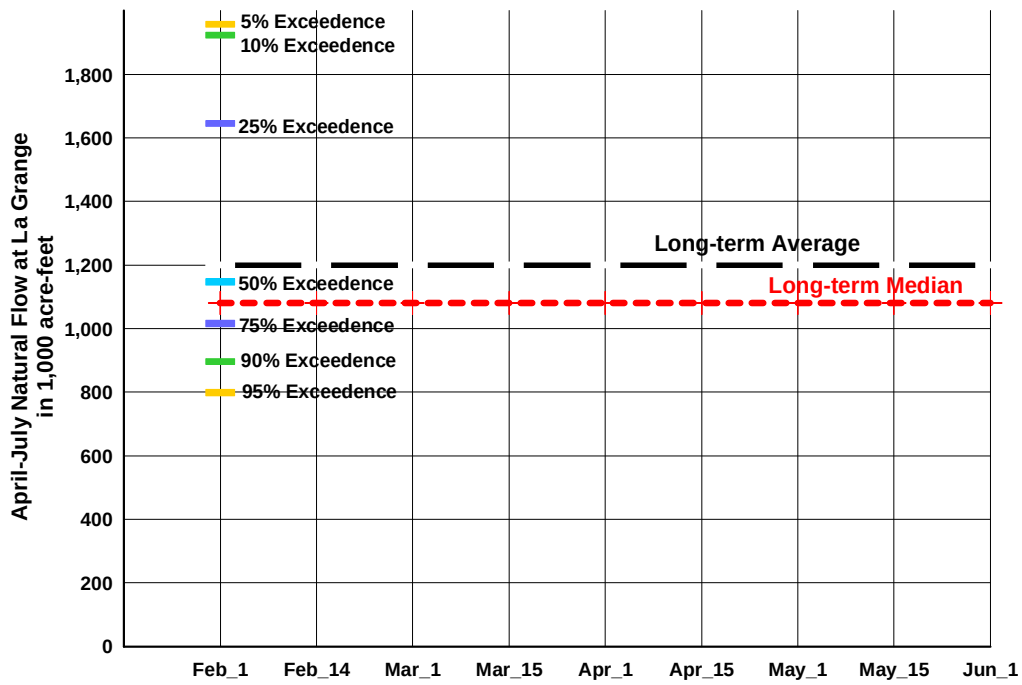


Figure 3: Tuolumne River at La Grange water supply forecast

Using the measured snow course and precipitation data, the volumetric forecast procedure was executed. The forecast indicates that the median amount of runoff that may occur this year is about 106% of the long-term median. The median forecast of April-to-July runoff is about 1147 TAF, compared to the long-term median runoff for the April-to-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 897 TAF and 1,923 TAF. The forecast is near median conditions due to average water year precipitation and slightly above-normal snowpack conditions.

cc	HHWP Records	Dufour, Alexis	Kehoe, Paula	Ramirez, Tim
	Briggs, David	Gibson, Bill	Levin, Ellen	Ritchie, Steve
	Cameron, David	Griffin, Dave	Mazurkiewicz, Adam	Rydstrom, Todd
	Carlin, Michael	Hale, Barbara	McGurk, Bruce	Samii, Camron
	Chester, John	Hannaford, Margaret	Meier, Steve	Sandkulla, Nicole
	DeGraca, Andrew	Harrington, Ed	Nelson, Kent	Tsang, Michael
	Dhakal, Amod	Jensen, Art	Patterson, Mike	Winnicker, Tony

STAFF REPORT

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

From: **David Dickson, General Manager**

Agenda: **February 9, 2010**

Report Date: January 27, 2010

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

- Consider Resolution 2010-01 – 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 2010-01 - 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:

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 existing T & S fees were established by Resolution No. 712, passed by the Board on August 11, 1987. The fees have not been increased since then. 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).

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 fifteen (15) letters regarding the proposed rate increase. Copies of these letters are attached as Attachment B.

The Resolution amending the District's Rate and Fee Schedule directs the General Manager to file a CEQA Notice of Exemption for the action (see Attachment C).

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

Resolution 2010-01
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. The Coastside County Water District retained an experienced public agency financial consultant, Bartle Wells Associates, to review the District's Transmission and Storage Fees, which are commonly referred to as water service connection fees.

2. The existing Transmission and Storage fees were established on August 11, 1987, by Resolution No. 712, and the Transmission and Storage Fees have not increased since 1987.

3. Bartle Wells Associates reviewed several different generally accepted methods for adjusting the Transmission and Storage Fees. On November 30, 2009, Bartle Wells issued a report that recommends 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. The Board discussed the proposed increase in Transmission and Storage Fees at the December 8, 2009 Board of Directors meeting and set a Public Hearing for the February 9, 2010 Board of Directors meeting to consider the proposed increases in the Transmission and Storage Fees.

5. 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 December 21, 2009, was published in the Half Moon Bay Review on January 6, and January 13, 2010, and was posted at three conspicuous places within the District on 21, 2010.

6. 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.

7. 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.

8. 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:

Connection Size	**Transmission & Storage Fee Effective April 15, 2010**
5/8 x 3/4 inch	$ 13,592.
3/4 inch	$ 20,388.
1 inch	$ 33,980.
1.5 inch	$ 67,960.
2 inch	$108,736.
3 inch	$237,860.
4 inch	$407,759.

2. The increase in the Transmission and Storage Fees will become effective April 15, 2010.

3. Effective July 1, 2011 and July 1, 2012, the Transmission and Storage Fee will be adjusted in accordance with the 20-City Average Engineering News Record Construction Cost Index (ENR CCI) for June of the current year. Effective July 1, 2011, 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 June 2011 ENR CCI to the November 2009 ENR CCI. Effective July 1, 2012, 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 June 2012 ENR CCI to the June 2011 ENR CCI.

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

5. The General Manager is directed to file a Notice of Exemption with the County Clerk and to take such other actions as may be necessary to give effect to this Resolution.

PASSED AND ADOPTED THIS 9th day of February, 2010 by the following vote of the Board:

AYES:

NOES:

ABSENT:

COASTSIDE COUNTY WATER DISTRICT

_____

Chris Mickelsen, President of the Board

_____

David R. Dickson, Board Secretary

Attachment A

BARTLE WELLS ASSOCIATES
INDEPENDENT PUBLIC FINANCE ADVISORS

1889 Alcatraz Avenue
Berkeley, CA 94703
510 653 3399 fax: 510 653 3769
e-mail: rschmidt@bartlewells.com

November 30, 2009
Coastside County Water District
766 Main Street
Half Moon Bay CA 94019

Attention: David Dickson, General Manager

Subject: Water Connection Fee

The Coastside County Water District (CCWD or District) requested Bartle Wells Associates (BWA) to review the District's water connection fee.

BWA has analyzed CCWD's water connection fee, which is called the transmission and storage fee in the District's "Rate and Fee Schedule". The amount of the fee is determined by the number and size of the service connection required to provide water service to a customer. The current fee for a 5/8 x 3/4 inch service connection is $6,970.00. There are different fees for 3/4 inch, 1 inch, 1-1/2 inch, 2 inch, 3 inch, and 4 inch service connections. The transmission and storage fees were established on August 11, 1987 and have not been changed by the District's Board of Directors.

BWA reviewed different generally accepted methods to calculate connection fees. BWA recommends setting the new transmission and storage fees by escalating the 1988 fee by the change in the 20-City Average Engineering News Record's Construction Cost Index (ENR CCI). The approach is simple and straightforward. The adjustment takes into account the increases in construction costs. The 20-City ENR CCI is commonly used index to adjust connection fees and is readily available in the Engineering New Record's weekly magazine published by McGraw-Hill.

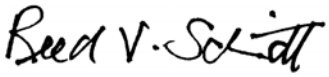
The 20-City annual average ENR CCI for 1987 was 4406 and for November 2009 (most recent available) it stood at 8592. Dividing 8592 by 4406 and then multiplying by $6,970 calculates the fee to be $13,592 for 2009. BWA recommends the transmission and storage fee for a 5/8 x 3/4 inch service connection be set at $13,592. A similar calculation should be made for the remaining service connections.

BWA recommends that each year when the District prepares its annual budget and develops new water consumption charges that it adjusts the transmission and storage fees using the same formula, i.e., adjusting by the change in the 20-City Average ENR CCI.

BWA advises District staff to review Government Code Section 66000 to make sure the District's connection fee accounting and approval procedures are in compliance with this section.

Very truly yours,

BARTLE WELLS ASSOCIATES



Reed V. Schmidt, CIPFA
Principal

Z:\Jobs\Coastside CWD 064\F-Connection Fee\Correspondence\Water Connection Fee Recommendation Ltr.doc

CHARLIE HALL CEO

Charlie Hall & Associates
Retail Banking Consultants

Ph. 650.726.5549 Fax 650.712.1872
P.O. Box 944 El Granada Ca. 94018
E-Mail: chnassoc@aol.com

Attachment B

Feb 01, 2010

David Dixon
General Manager
Coastside County Water District
766 Main St
Half Moon Bay, CA 94019

Subject: Feb 09, 2010 Public Hearing re: Transmission and Storage Fee Changes

I'm submitting my Written Protest Regarding the Proposed increase in Transmission & Storage Fees.

The Connections in question, I would assume, had compensated the Coastside Water District previously, for the right to connect to the System.

If that is true then the method you are using to re-price them appears to be unreasonable & unfair. Maybe even illegal.

In any event, I've completed a survey as well with comments regarding my specific property which is currently served by my own Well.

Thank You

Charles H Hall Sr
PO Box 944
839 Sonora Ave
El Granada, CA, 94018-0944

Parcel Number 047-042-130

1/25/2010 Attachment B

APN of our property: 048 – 171 – 130
Kloeververeien 49,
1475 Finstadjordet,
Akershus
Norway

Coastside County Water District
766 Main Street
Half Moon Bay,
CA 94019
U.S.

Protest against the proposed changes

When we bought the lot in 2008, we did not intend to pay many and expensive fees, therefore we protest against the proposed Transmission and Storage Fee changes.

Respectfully yours,

Owner Kirill Novikov
Kirill Novikov

Co-owner Marina Novikova
Marina Novikova

Co-owner Maria Novikova
Maria Novikova

Attachment B

January 22, 2010

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

General Manager,

I recently received notification of proposed rate increase which would affect my parcel number 047 252 220. We had intended to develop this property with our adjacent family parcels. Such high increases would prevent us from doing so.

We therefore protest the proposed increase.

Sincerely,

The James J. and Vincee M. Trust

James J. Viso
Trustee

Attachment B

January 22, 2010

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

General Manager,

I recently received notification of proposed rate increase which would affect my parcel number 047 256 360. We had intended to develop this property with our adjacent family parcels. Such high increases would prevent us from doing so.

We therefore protest the proposed increase.

Sincerely,

The James J. and Vincee M. Trust

James J. Viso
Trustee

Attachment B

January 22, 2010

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

General Manager,

I recently received notification of proposed rate increase which would affect my parcel number 047 252 390. We had intended to develop this property with our adjacent family parcels. Such high increases would prevent us from doing so.

We therefore protest the proposed increase.

Sincerely,

The James J. and Vincee M. Trust

James J. Viso
Trustee

Attachment B

January 22, 2010

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

General Manager,

I received notification of rate increases which would affect my parcel number 047 251 040 which is located in El Granada. We had intended to develop this property, however such increases would prevent us from doing so.

We therefore protest the proposed increase.

Sincerely,

Charles J. Viso

Attachment B

January 22, 2010

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

General Manager,

I recently received notification of proposed rate increase which would affect my parcel number 047 251 140. We had intended to develop this property with our adjacent family parcels. Such high increases would prevent us from doing so.

We therefore protest the proposed increase.

Sincerely,

The James J. and ~~Vincee M.~~ Trust

James J. Viso
Trustee

Attachment B

January 22, 2010

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

General Manager,

I received notification of rate increases which would affect my parcel number 047 252 230 which is located in El Granada. We had intended to develop this property, however such increases would prevent us from doing so.

We therefore protest the proposed increase.

Sincerely,

Charles J. Viso

Attachment B

CARDOZA ENTERPRISES

(209) 239-4141
Fax (209) 823-3414

1132 N. Main St. • P.O. Box 1022 • Manteca, CA 95336

Coast Side Water District
766 Main St.
Half Moon Bay, Ca 94019

1-19-2010

Attn: General Manager

Re: Proposed Increase In Transmission & Storage Fees

Dear General Manager,

I'm glad that you will be holding a public hearing regarding the fee increase and the possibility of acquiring water connections for vacant parcels or to replace old wells, unfortunately I will not be able to attend, so here are some questions and comments.

1. What will the administration fees be to process new allocations.

2. What will the administration fees be if you do not use your allocation in the required time period.

3. In today's weak housing market and a bad over all economy the time period from when you are granted an allocation to the time of construction should be longer than the 3 year period.

4. The fees are to high, especially for the larger connections in which commercial projects use, this puts new construction at a disadvantage against existing commercial.

Sincerely,

Ed Cardoza Jr.
Property Manager

I am Protesting transmission and storage fee the ½ lot I own you can't do anything with I have been offered $2,000 for it that won't even buy you a burial plott anywhere my daughter is planning to come to your meeting Linda Zuniga

Thank you for asking my input

Patricia Henderson
P.O Box 10
Livingston MT 59047

S½ of Lot 7 Block 21 ff Brophys Sub Miramontes TR No 4

Parcel Number
056-032-040

TAX Rate area
17-000 BILL 333061 087

LAND 789
CASH 789

Attachment B

January 8, 2010

To: General Manager
Coastside Co. Water District

RE: Proposed increases in Transmission
and Storage Fees

My name is Raymond Johnson, owner of parcel 056-047-060

This property is in a "Paper Subdivision". The lot is 50' by 150'. It is vacant land with no roads, lights, sewer or water.

It is zoned "Urban Reserve" by the City of Half Moon Bay. This zoning precludes the possibility of building.

In view of the above, I object to any connection or storage fees.

Raymond Johnson
P O Box 1867
Battle Ground, WA 98604-1867

To whom it may concern;

I, John Carroll, resident / owner of 486 El Granada Blvd. (El Granada, Ca 94018), contest the proposed fee increase.

Please count my protest.

Sincerely,

John Carroll

Attachment B

DEC 27, 2009

RECEIVED
JAN 04 2010
COASTSIDE COUNTY
WATER DISTRICT

WRITTEN PROTEST

I, INGRID STEWART, PROTEST THAT YOU INCREASE THE FEE ON MY WATER OF ALMOST 100%.

YOU HAVE NOT EXPLAINED WHY IT MAY GO UP IF YOU DO IT CAN'T BE TRUE AND,

INGRID STEWART,
916 684 0053

Ingrid E. Stewart

Attachment B

Dec 27, 2009

WATER RATES

I, GARY STEWART, PROTEST THAT
YOU INCREASE OUR WATER BILL BY
ALMOST 100 %.

YOU PEOPLE WANT TO REMOVE THE
SKIN FROM US OLD GROVE RESIDENTS.

Gary Stewart
916 684 0853
Gary R Stewart

NOTICE OF PUBLIC HEARING
PROPOSED INCREASE IN TRANSMISSION & STORAGE FEES

December 18, 2009

Attachment B

NOTICE IS HEREBY GIVEN that the Coastside County Water District (CCWD) Board of Directors will hold a public hearing to consider proposed increases in the District's Transmission and Storage Fees. The Transmission and Storage Fee is the amount charged by the District for a priority or non-priority connection, which grants the purchaser the right to obtain water service from the District. The fee increases for different connection sizes are shown below. These fee increases will become effective April 15, 2010. The proposed increase is necessary to pay the increased costs of constructing the infrastructure for which the fee was established.

The current Transmission and Storage Fees were established by the District's Board of Directors in Resolution No. 712, August 11, 1987. The fees have not been increased since then. The proposed increase would adjust the Transmission and Storage Fees for inflation by applying the Engineering News-Record Construction Cost Index (ENR CCI, 20-City Average, 1987=4519, November 2009=8592).

Effective July 1, 2011, and July 1, 2012, the Transmission and Storage Fee will be adjusted in accordance with the ENR CCI for June of the current year. The new Transmission and Storage Fee for each connection size will be calculated by multiplying the Fiscal Year 2009-2010 fee shown in the table below by the ratio of the June ENR CCI to the ENR CCI for November 2009.

YOU CAN BE HEARD: If you wish to protest the proposed Transmission and Storage Fee changes, CCWD must receive your ***written protest*** prior to the close of the public hearing on February 9, 2010.

You may deliver your written protest by 1st class mail to: *Attention: General Manager, Coastside County Water District, 766 Main Street, Half Moon Bay, CA 94019.*
Emails will not be accepted

For your protest to be counted, please include the: address(es) or Assessor Parcel Number(s) of the property(ies) you own. Protests are limited to one per parcel.

ATTEND THE PUBLIC HEARING:
COASTSIDE COUNTY WATER DISTRICT OFFICE
766 Main Street, Half Moon Bay, CA 94019
Tuesday, February 9, 2010
Meeting begins at 7:00 pm

COASTSIDE COUNTY WATER DISTRICT PROPOSED TRANSMISSION & STORAGE FEE SCHEDULE

Connection Size	Current Transmission & Storage Fee	**Proposed Transmission & Storage Fee Effective April 15, 2010**
5/8 x 3/4 inch	$6,970	**$13,592**
3/4 inch	$10,455	**$20,388**
1 inch	$17,425	**$33,980**
1.5 inch	$34,850	**$67,960**
2 inch	$55,760	**$108,736**
3 inch	$121,975	**$237,860**
4 inch	$209,100	**$407,759**

RECEIVED
DEC 30 2009
COASTSIDE COUNTY WATER DISTRICT

Dear Sirs:
I own a parcel of property and I want to protest the price of owning property in half moon bay is way over priced . My parcel number is 056-125-210. I expect this protest to be counted.

Phillip Kendrick

Phillip Kendrick

NOTICE OF EXEMPTION

Attachment C

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	**Area Code**	**Telephone**
David R. Dickson	(650)	726-4405

Date: _____, 2010

_____
David R. Dickson
General Manager

STAFF REPORT

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

From: **David Dickson, General Manager**

Agenda: **February 9, 2010**

Report Date: February 4, 2010

Subject: **Results of Connection Sale Survey**

Recommendation:
None. Information only.

Background:
At a special meeting on December 15, 2009, the Board authorized and directed staff to conduct a survey to determine interest in purchasing connections from the inventory of 72 non-priority connections the District now holds. This staff report summarizes results of the survey.

During the last week of December, staff mailed approximately 9,000 surveys to owners of parcels within the District based on the San Mateo County Tax Assessor's database. A copy of the mailed survey form is included as Attachment A. The survey was advertised in the Half Moon Bay Review, on MCTV, and on the District's website. We accepted responses online using the surveymonkey.com site, by mail, and by delivery to the office. Staff entered the paper responses we received into the online survey tool to facilitate summarizing the data.

Attachment B provides an overall summary of the survey results, including the following:

294	Total responses received
227	Interested in purchasing a connection
180	Responses for undeveloped property
99	Responses for existing residential
107	Properties with wells

Of the respondents with wells on existing residential properties, 57 indicated an interest in purchasing a connection – 39 in unincorporated San Mateo County and 18 in the City of Half Moon Bay.

The survey results indicate that current interest in purchasing non-priority connections exceeds the number of connections the District may make available and that there are a significant number of property owners on wells who are interested in purchasing a connection.

Fiscal Impact:
None.

COASTSIDE COUNTY WATER DISTRICT

SURVEY FOR SALE AND PURCHASE OF NON-PRIORITY WATER SERVICE CONNECTIONS

Coastside County Water District (District) intends to offer a limited number of non-priority water service connections for sale beginning in May 2010. In order to assist the District's staff and Board of Directors in developing a fair and equitable approach to allocating the connections, we are conducting a survey to determine interest in purchasing the available non-priority water service connections. If you are interested in purchasing a water service connection in accordance with the general concepts described below, please complete the survey by filling out this form and returning it to the District's offices at the address below by February 1, 2010 or by going online to www.coastsidewater.org.

This is not an offer of sale, and the District reserves the right not to proceed with the proposed connection sale or to change the general concepts applicable to the purchase program.

General concepts for the sale and purchase of connections will include, but not be limited to, the following:

- Each connection purchased must be assigned to a property, by its Assessor's Parcel Number, within the District's boundaries.
- The purchaser must demonstrate that the property is already developed or is potentially developable, and that the water requirements for the property to which the connection will be assigned are commensurate with the number of connections proposed to be purchased.
- Connections purchased under this program will not be transferable to another property.
- The proposed price for a 5/8" (20 gpm) connection is $13,592. This amount is subject to approval by the District's Board of Directors and will be considered for adoption following a public hearing scheduled for February 9, 2010.
- In addition to the connection purchase price, there will be an administrative fee to cover the District's costs of administering the sale and purchase program.
- The connection(s) must be paid for in full at the time of purchase.
- Service connections which are not installed within 36 months of the purchase date will revert to the District, with a refund to purchaser of the purchase price less the administrative fee
- Purchaser may return connection(s) to the District for a refund of the purchase price less the administrative fee.

Survey Questions

1. Yes/No I am interested in purchasing a connection under the general concepts described above.
2. _____ Number of connections I am interested in purchasing.
3. Current Development Status of Property:
   _____ Undeveloped _____ Existing Residence _____ Existing Business
4. Yes/No Is the property currently served by a well? _____ Date installed?
5. _____ Assessor's Parcel Number where connection will be installed
6. _____
   Property Address of Connection

Survey must be completed and returned by February 1, 2010 to be considered. The District will mail notices and information regarding the schedule and details of the sale and purchase of the non-priority water service connections directly to all persons who fully complete the survey. The District encourages all people who will consider purchasing a connection to respond to this survey as the District will review all results in determining how to proceed with the sale of available connections.

Name: _____

Address: _____

_____

Preferred Contact Information: _____

Please return survey to CCWD, 766 Main Street, Half Moon Bay, CA 94019

2010 Non-Priority Water Connection Survey

Please provide your contact information. Please complete a separate survey for each parcel, if you wish to purchase water connections for more than one parcel.

Answer Options	Response Percent	Response Count
Name, address, etc.	100.0%	292
answered question		**292**
skipped question		**2**

Are you interested in purchasing a connection under the general concepts described on page one?

Answer Options	Response Percent	Response Count
Yes	77.7%	227
No	8.6%	25
Maybe	14.4%	42
answered question		**292**
skipped question		**2**

How many connections are you interested in purchasing? One connection is equivalent to one 5/8"(20 gallons per minute)service.

Answer Options	Response Percent	Response Count
1/2	11.6%	29
1	86.0%	215
1-1/2	3.6%	9
Other (please specify)		29
answered question		**250**
skipped question		**44**

What is the current development status of the property?

Answer Options	Response Percent	Response Count
Undeveloped	63.4%	180
Existing Residential	34.9%	99
Existing Business	1.8%	5
answered question		**284**
skipped question		**10**

Is there a well on the property?

Answer Options	Response Percent	Response Count
Yes	38.6%	107
No	61.4%	170
If yes, date well was installed?		95
answered question		**277**
skipped question		**17**

STAFF REPORT

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

From: **David Dickson, General Manager**

Agenda: **February 9, 2010**

Report Date: February 5, 2010

Subject: **Discussion and direction to staff regarding possible sale of water service connections**

Recommendation:
Provide direction to staff regarding possible sale of non-priority water service connections.

Background:
Based on the Board's interest in the possible sale of connections from the 72 non-priority connections the District now holds, staff conducted a survey which indicated that the number of parcel owners interested in purchasing the connections significantly exceeds the number of connections available. Should the Board desire to proceed with a sale, we now need further direction from the Board in a number of areas in order to be able to design a sale process that meets the Board's objectives:

1. **How many of the 72 connections will be made available for sale and purchase?** Staff feels it would be prudent to offer only a portion of the connections available in the first sale. This would provide us with the opportunity to evaluate the sale process and, if necessary, make adjustments for subsequent sales.

2. **Will the District charge an administrative fee for the connection in addition to the Transmission and Storage Fee?** This fee would be designed to recover the District's costs for developing and administering the sales program. Under the sale concepts previously approved by the Board, the administrative fee would not be refundable if a connection reverted to the District as a result of the purchaser's failure to install water service within the specified time.

3. **Will the District allow purchase alternatives other than full payment at the time of purchase?** This might include the ability for a purchaser to pay for the connection in installments.

4. **Does the Board want to establish a priority for well owners or any other class(es) of customers?** In past discussion, the Board has expressed an interest in encouraging developed residential properties on wells to connect to CCWD's system. Of the 227 survey respondents who indicated interest in purchasing a connection, 57 were owners of developed residential properties with wells.

With direction from the Board on the above questions and any other considerations the Board may wish to introduce, staff will work with counsel to design a detailed process for the connection sale, to be brought back to the Board for consideration at a future meeting.

Fiscal Impact:
None.

STAFF REPORT

To: **Coastside County Water District Board of Directors**
Via David Dickson, General Manager

From: **Joe Guistino**

Agenda: **February 9, 2010**

Report Date: February 3, 2010

Subject: **Approval of Denniston Filter Repair Change Order**

Recommendation: Authorize staff to proceed with Change Order #1 to the contract with ERS Industrial Services to repair Denniston filter underdrain piping at a cost of $35,754.99.

Background: The Denniston WTP was shut down on 9 December to determine the cause of poor backwash and insufficient cleaning of the filters. Upon opening the plumbing to the underdrain system, we discovered an accumulation of an inordinate amount of media, indicating a possible failure of the underdrain system. The media in the underdrain is the most likely cause for the restricted backwash rates and subsequent ineffective cleaning of the filters. With Board approval we hired ERS Industrial Services to do the inspection.

Once the filter media was removed, ERS discovered a hole caused by corrosion in the original header in filter #3. This hole allowed fine media particles to enter the filtered water manifold and eventually plug the underdrains of all three filters.

The best solution to this problem, according ERS and the third-party filter expert we hired to assist in the evaluation (see Attachment A), is to replace the original (1972) carbon steel underdrain headers with stainless steel. ERS's proposed price to perform this work is $35,754.99 (see proposal in Attachment B).

Fiscal Impact:
Additional cost of $35,755, bringing the total cost of Denniston filter evaluation and repair to approximately $90,000. This amount was not budgeted and will come from reserves.

February 5, 2010

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

Subject: Denniston Water Treatment Plant Filter Inspection

Dear Joe:

This letter summarizes the work I've done for the Denniston WTP to assess the cause(s) of loss of media in the plant's three pressure filters. The scope of work to be accomplished is as follows:

1. Visit the site to become familiar with the plant's operation. CCWD will provide a summary of the operating records for the filters, and MWH will inspect the underdrain plumbing and the condition of the filters before the media is removed.
2. Review abridged versions of the plant's operating records for last several years.
3. Revisit site once the media has been removed from one or two filters to help make a determination as to the cause and remedy of the filter underdrain or media failure.
4. Provide a letter report on the findings.

As you explained, the Denniston WTP was originally constructed in 1971. The original filter underdrain configuration included a single 8" steel manifold extending the length of each filter with perforated 1½" PVC laterals extending to the edge of the pressure vessels. In 2005, the filters were rebuilt by ERS. The purpose of rebuilding the filters was because they were losing filter media. The laterals were replaced with 1½" stainless steel wedgewire screens, but the manifolds were not replaced in Filters 1 and 2. The manifold in Filter 3 was replaced but the material remained steel. The filter media remained the same: 12" of anthracite over 18" of greensand. A 5" layer of gravel below the greensand was installed to support the media and cover the laterals (to help distribute backwash flow).

Approximately 18 months ago, the operators indicated that the backwash flow began to decrease in Filter 1. This condition subsequently spread to the other filters (Filter 3 followed by Filter 2). Prior to taking the plant offline for the current inspection, the backwash flow had decreased by about half of the original 1800-1900 gpm flow rate. The suspicion was that the plant had begun losing media again, which would clog the underdrains and inhibit the flow.

In this assessment, I visited the plant twice. My first visit to the plant was on January 21, 2010. At that time, ERS was finished removing media from Filter 2 and in the process of

removing media from Filter 1 (See Photo 1). Media removal from Filter 3 had not been started, yet. We also met with Steve Twitchell to gain a more complete understanding of the history of problems and discuss possible causes and solutions. My second visit to the plant was on January 26, 2010, after all the media had been removed from all three filters. During that visit, I was able to go inside Filter 3 to inspect the underdrains.

Photo 1. Denniston WTP Filter Media Removal

Photo 2 shows the inside of Filter 2 with the laterals still in place. It is apparent that corrosion has been occurring at the connection between the stainless steel wedgewire laterals and the manifold.

This corrosion was cause for concern, but the laterals were still intact, and at that point there were no obvious reasons for loss of media. Inside the building, blind flanges had been removed from the ends of the pipes extending from the underdrain manifolds. As seen in Photo 3, media was found in the manifolds of all three filters.

Prior to my second visit to the plant, ERS had found one of the laterals in Filter 1 had come loose. Subsequently, after removing the media and laterals, all the laterals were replaced by plugs, and the filters were pressure tested. A crack in the Filter 1 manifold was found at the location where the new pipe installed in 2005 was welded to the old pipe. See Photo 4.

Photo 2. Corrosion of Steel Manifold at Connection Points of Wedgewire Laterals

Photo 3. Filter Media Inside Filter Underdrain Manifold Pipe

Photo 4. Location of Crack in Filter 1 Manifold Pipe

During the second visit, I was also able to view the condition of the manifolds at the connections to the laterals and found that they were all severely corroded. See Photo 5. This confirmed my concern from the initial visit.

Based on my review of the filters and the information provided, my conclusion is that the media found in the underdrains most likely came from the loose lateral in Filter 1. This explains the reason that Filter 1 had its backwash rate reduction prior to the other filters. Over time, media made its way into the filtered water pipe and then was forced back to the other filters while backwashing. See Photo 6 for the pipe configuration of the filter effluent and backwash supply. This would also explaing why Filter 3, the closest to the backwash supply pipe, was the second filter to experience reduced backwash flow.

Reinstallation of the laterals and repair of the manifold should eliminate the loss of media. However, in doing so, I recommend replacing the manifolds piping with stainless steel. The corrosion of the existing steel piping is almost certainly caused by dissimilar metals in contact which creates a galvanic corrosion cell. In this case, the steel will corrode to protect the stainless steel. When the rebuilding was doing in 2005, the stainless steel laterals should have been insulated from the steel using plastic bushings or other similar measures. Replacing the steel manifolds with stainless steel and insulating them at the point of connection to the existing piping should prevent such corrosion from happening in the future. This is common practice by other filter manufacturers and other engineers within MWH.

Photo 5. Rusted Lateral Connections in Filter 3

Photo 6. Filter Effluent and Backwash Supply Piping

I understand that you are currently proceeding with the modifications outlined above. Upon completion, you can expect many years of trouble-free operation.

It has been a pleasure to work with you again. If you have any questions or need additional information, please do not hesitate to call me.

Sincerely,

Michael L. Price, P.E.
Vice President and Northern California Water Practice Leader

Attachment B

INDUSTRIAL SERVICES, INC.

February 5, 2010

Mr. Steve Twitchell

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

QUOTE #012910-1Q
Fax: 650-726-5245
Email: stwitchell@coastsidewater.org

Dear: Steve

ERS is pleased to submit its proposal for our TurnKey Service on your 3 each 8' x 22' single cell Pressure Vessels.

Our service includes removal, packaging and disposal of existing Underdrain Headers supply and installation of new Underdrain Headers, per design.

ERS to provide:

1) Qualified Manpower
2) Forklift
3) Disposal and disposal transport
4) High power industrial vacuum system
5) Confined space equipment as follows:
   a) Supervisor/Environmental Technician/Hole watch
   b) Ventilation fan for air circulation
   c) Tripod/winch for emergency evacuation
   d) Four gas monitor for pre-entry testing, as well as for continuous testing
   e) 2-way Radios for communication with in-tank personnel
   f) Cellular phone as an emergency response tool
   g) Half-face cartridge type respirators (Supplied air respirators available if required)
   h) Harnesses with safety ropes for all men
   i) Daily monitoring log
   j) Complete and post-confined space entry permit (if required)

Attachment B
Quote # 012910-1Q
February 5, 2010

6) New Headers as follows:
   a) All new 8" Headers

PRICING: Carbon Steel with Endura Flex Coatings **$44,731.42**

PRICING: Stainless Steel **$35,754.99**

Quote Valid for 45 days

Our time and materials work is billed at $89.00 per man-hour, straight time, plus materials with a 20% margin. Price includes all applicable sales tax.

Please feel free to call me should you need further information or any clarification. My car phone is 510-552-5301; office is 510-770-0202.

Sincerely,

Rick D. Langlois
Vice President Sales

STAFF REPORT

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

From: **David Dickson, General Manager**

Agenda: **February 9, 2010**

Report Date: February 5, 2010

Subject: **Bartle Wells Rate Study**

Recommendation:
None. Information only.

Background:
Following completion of the District's Financing Plan, presented to the Board in September 2009, Bartle Wells Associates has completed an evaluation of the District's water rate structure. Attachment A presents Bartle Wells' memo summarizing their analysis and recommendations.

In summary, Bartle Wells' review found that the District's rate structure is satisfactory based on normally applied criteria and does not need to be changed. They pointed out that the District may desire to make changes to upper residential tiers and water charges in order to encourage conservation. Their survey of water rates shows that the District's rates are comparable to those of other water utilities in our region.

Fiscal Impact:
None.

BARTLE WELLS ASSOCIATES
INDEPENDENT PUBLIC FINANCE ADVISORS

1889 Alcatraz Avenue
Berkeley, CA 94703
510 653 3399 fax: 510 653 3769
e-mail: rschmidt@bartlewells.com

January 26, 2010

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

Attention: David Dickson, General Manager

Subject: Water Rate Analysis

Bartle Wells Associates (BWA) has completed its water rate and consumption analysis for the Coastside County Water District (CCWD or District). This letter summarizes BWA's analysis and recommendation.

Recommendation
Based on our analysis, BWA concludes that the District does not need to change its current rate design. Water consumption patterns have been consistent for the past three fiscal years for both residential and non-residential customers, and the District has collected sufficient revenue with annual rate adjustments. To implement a stronger conservation incentive, the District could increase the charges for the tiers 3 and 4 or reduce the water allocations in each tier. However, at this time BWA finds there is no need to change the current tiers.

BWA finds the current rate schedule encourages efficient water usage, collects most revenue through the quantity charges (more than 70% as recommended in BMP 11), and specifies reasonable rate differentials among the four residential tiers. When the District sets base and quantity charges for the next fiscal year as part of its budget process, it should look again at water consumption data and the possibility of altering the water rate structure.

Current Rate Structure
The District's current rate structure consists of a base charge that varies by size of meter and a quantity charge that is uniform for non-residential customers and differs for each of the four tiers for residential customers. Bi-monthly water rates for FY 2009/10 are shown in Table 1.

Customer Accounts
A breakdown of water customers and meters is shown in Table 2. Approximately 80% of the customers are residential. The District's largest customer class is 5/8" residential meters, accounting for 77% of all customers.

Water Consumption
BWA has examined residential water consumption (usage) data provided by CCWD for FY 2006/07 through FY 2008/09 as summarized on Table 3. The District's residential water use has decreased slightly each year, approximately 1.4% in 2007/08 and 3.8% in 2008/09. Notwithstanding the reduced water consumption, the first two tiers account for approximately 85% of the total residential usage.

Table 4 examines District's water usage for FY 2008/09. Total water use for FY 2008/09 was 973,697 hundred cubic feet (hcf), with residential usage being 555,638 hcf, accounting for 57.1% of total consumption.

Looking at the residential usage by tier in Table 4, approximately 42.9% of the residential water usage and approximately 26.8 % of the number of water bills are in the first tier. Around 83% of total residential water consumption and 82% of the residential water bills fall in the first two tiers.

As shown in Table 5, BWA calculates the average bi-monthly water usage to be 17 hcf, which falls in the second tier. On average for the three past fiscal years, median bimonthly water use was 14 hcf.

A more detailed, residential consumption block analysis for FY 2008/09 appears in Table 6 and is graphed in Chart 1.

Estimated Water Sales Revenue
The 2009/10 budget estimates revenue from water sales to be $5,844,903. BWA applies the currently Board authorized FY 2009/10 water charges (base and quantity) to the number of meters and water usage for the prior FY 2008/09 and calculates the annual revenues to be $5,758,811 as calculated in Tables 7 and 7a. Based on these estimates, the District will be collecting around 81.3% of total water sales revenue in the quantity charge and 18.7% in the base charge and will be in compliance with the California Urban Water Conservation Council's Best Management Practice (BMP) 11. However, BWA believes the currently authorized charges may collect less revenue (approximately $86,000) than the District has budgeted. This under-collection may be exacerbated if less water is consumed (sold) in this fiscal year (2009/10).

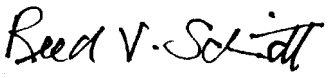
Water Bill Survey
BWA has done a survey of neighboring agencies on the San Francisco peninsula. Chart 2 compares the residential monthly bill for the neighboring water agencies. The survey is based on a single family residential unit with a 5/8-inch meter and using 9 hcf per month. The chart indicates the District's water rates are comparable to other water agencies in the San Francisco peninsula area.

BWA has completed its water rate analysis for CCWD. Our analysis demonstrates that the District's current tiered rate structure is adequate in collecting sufficient revenues and promoting conservation. Therefore, BWA does not recommend any changes to the rate structure at this time.

We have appreciated the cooperation and assistance of Dave Dickson and other members of the District staff.

Very truly yours,

BARTLE WELLS ASSOCIATES



Reed V. Schmidt, CIPFA
Principal

Catherine Tseng, CIPFA
Financial Analyst

Z:\Jobs\Coastside CWD 064\E-Water Rate Analysis\Final Documents\CCWD Water Rate Analysis and Recommendation Memo 01.26.2010.doc

Table 1
Coastside County Water District
2009/10 Bi-Monthly Water Rates

Base Charge

Meter Size	Charge	Meter Ratio
5/8"	$24.06	1.0
5/8" for 2 dwelling units	$52.92	1.0
3/4"	$36.17	1.5
3/4" for 2 dwelling units	$72.38	1.5
1"	$60.28	2.5
1.5"	$116.41	4.8
2"	$192.94	8.0
3"	$422.07	17.5
4"	$1,447.28	60.2

Quantity Charge (Per hundred cubic feet of water delivered)

Residential (1)	
0 - 8 hcf	$3.93 per hcf
9 - 25 hcf	$4.33 per hcf
26 - 40 hcf	$5.63 per hcf
41 or more hcf	$6.96 per hcf
All Other Customers	$5.35 per hcf

(1) Residential customers include single family homes, duplexes, condos, townhouse, and all apartment buildings with individual meters.

Table 2
Coastside County Water District
Number of Accounts by Meter Size - 2008/09

Code	Description	2008/09 No. of Meters	% of Total
RESIDENTIAL			
10	1" Meter Residential	68	1.0%
33	3/4" for 2 units	1	0.0%
35	3/4" Meter Residential	122	1.7%
57	5/8" Meter for 2 units	17	0.2%
58	5/8" Meter Residential	5,415	77.0%
	Total Residential Meters	5,623	80.0%
OTHER CUSTOMERS			
1	1" Meter	105	1.5%
2	2" Meter	37	0.5%
3	3" Meter	2	0.0%
4	4" Meter	2	0.0%
12	1 1/2" Meter	20	0.3%
34	3/4" Meter	18	0.3%
3I	3" Interuptable	1	0.0%
3N	3" No Base Charge	1	0.0%
59	5/8" Meter	403	5.7%
6D	Detector Check Base/Comm Rate	1	0.0%
89	1 1/2" Detector Check	41	0.6%
90	3/4" Detector Check	9	0.1%
91	1" Detector Check	527	7.5%
92	2" Detector Check	48	0.7%
93	3" Detector Check	3	0.0%
94	4" Detector Check	116	1.6%
96	6" Detector Check	39	0.6%
98	8" Detector Check	11	0.2%
99	10" Detector Check	24	0.3%
	Total Other Customers	1,408	20.0%
	Total All Meters	7,031	100.0%

Source: CCWD Excel File "Rate Code Meter Data"

Table 3
Coastside County Water District
Residential Consumption By Tier Breakpoints

Tier	Use (hcf)	Number of Bills Ending in Tier	Number of Bills Ending % of Total	Water Consumption (hcf) in Tier	Water Consumption (hcf) % of Total
2006/07					
Tier 1	0 - 8	7,735	24.0%	233,951	40.0%
Tier 2	9 - 25	17,554	54.4%	253,206	43.3%
Tier 3	26 - 40	4,860	15.0%	64,183	11.0%
Tier 4	40 +	2,147	6.6%	32,999	5.6%
Total		32,296	100.0%	584,339	100.0%
2007/08					
Tier 1	0 - 8	8,372	25.5%	236,236	41.0%
Tier 2	9 - 25	17,708	54.0%	249,354	43.2%
Tier 3	26 - 40	4,778	14.6%	60,435	10.5%
Tier 4	40 +	1,952	5.9%	30,524	5.3%
Total		32,810	100.0%	576,549	100.0%
2008/09					
Tier 1	0 - 8	8,931	26.8%	238,546	42.9%
Tier 2	9 - 25	18,372	55.1%	240,637	43.3%
Tier 3	26 - 40	4,392	13.2%	51,993	9.4%
Tier 4	40 +	1,657	5.0%	24,462	4.4%
Total		33,352	100.0%	555,638	100.0%
Three-Year Average					
Tier 1	0 - 8	8,346	25.4%	236,244	41.3%
Tier 2	9 - 25	17,878	54.5%	247,732	43.3%
Tier 3	26 - 40	4,677	14.2%	58,870	10.3%
Tier 4	40 +	1,919	5.8%	29,328	5.1%
Total		32,819	100.0%	572,175	100.0%

Table 4
Coastside County Water District
Total Water Consumption - Based on 2008/09 data

Total Water Usage

	Water Use	% of Total
Residential	555,638	57.1%
Non-Residential	418,059	42.9%
	973,697	100.0%

Residential Water Usage

	Tier Breaks	2008/09 Water Use (hcf)	% of Total Water Sold	2008/09 No. of Bills	% of Total Total Bills
Tier 1	0 - 8	238,546	42.9%	8,931	26.8%
Tier 2	9 - 25	240,637	43.3%	18,372	55.1%
Tier 3	26 - 40	51,993	9.4%	4,392	13.2%
Tier 4	41 or +	24,462	4.4%	1,657	5.0%
		555,638	100.0%	33,352	100.0%

Non-Residential (Commercial) Water Usage

Month	Use (hcf)
July	96,884
August	9,849
September	80,263
October	8,487
November	63,759
December	6,372
January	48,269
February	5,725
March	37,463
April	6,071
May	46,982
June	7,935
Total	418,059

Table 5
Coastside County Water District
Residential Water Use Statistics

	Bi-Monthly Water Use (hcf)			
Fiscal Year	**25th Percentile**	**Median[1]**	**Average[2]**	**75th Percentile**
2006/07	8	14	18	23
2007/08	8	14	18	23
2008/09	8	13	17	21
3-Year Avg (hcf)	8	14	17	22
3-Year Avg (AF)	0.11	0.19	0.23	0.30

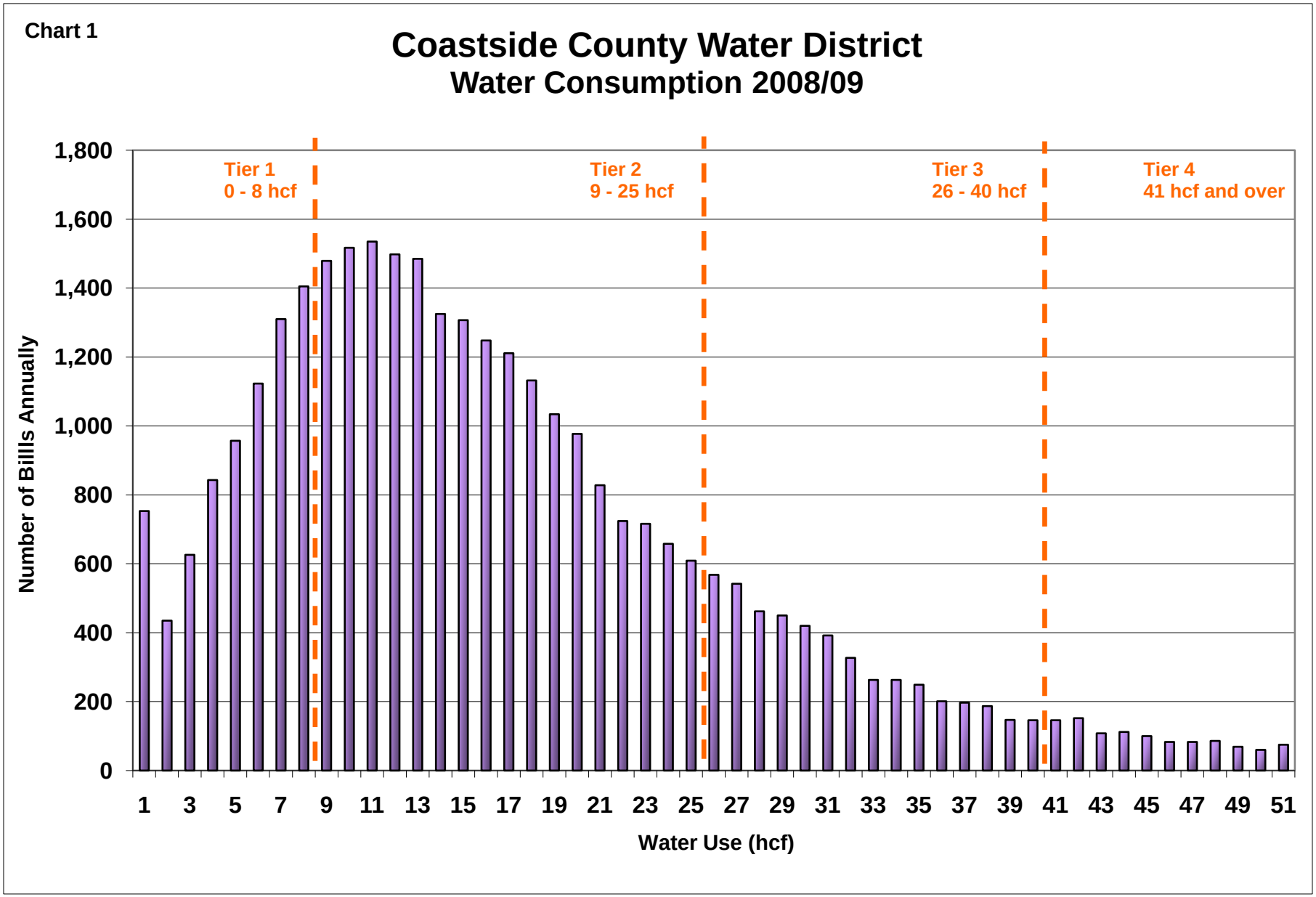
1 Half of all annual bi-monthly bills have water use at or below this level.

2 Average is skewed upwards by a proportionally small number of high water users; approximately 2/3 of bills are below average with only 1/3 of bills above average.

Table 6
Coastside County Water District
Residential Consumption Block Analysis 2008/09

	Number of Bills			Water Consumption (ccf)		
Use (hcf)	In Block	Cumulative	% of Total	In Block	Cumulative	% of Total
0	753	753	2.26%	0	0	0.00%
1	435	1,188	3.56%	435	435	0.08%
2	626	1,814	5.44%	1,252	1,687	0.30%
3	843	2,657	7.97%	2,529	4,216	0.76%
4	957	3,614	10.84%	3,828	8,044	1.45%
5	1,123	4,737	14.20%	5,615	13,659	2.46%
6	1,310	6,047	18.13%	7,860	21,519	3.87%
7	1,405	7,452	22.34%	9,835	31,354	5.64%
8	1,479	8,931	26.78%	11,832	43,186	7.77%
9	1,517	10,448	31.33%	13,653	56,839	10.23%
10	1,535	11,983	35.93%	15,350	72,189	12.99%
11	1,498	13,481	40.42%	16,478	88,667	15.96%
12	1,485	14,966	44.87%	17,820	106,487	19.16%
13	1,325	16,291	48.85%	17,225	123,712	22.26%
14	1,307	17,598	**52.76%**	18,298	142,010	**25.56%**
15	1,248	18,846	56.51%	18,720	160,730	28.93%
16	1,211	20,057	60.14%	19,376	180,106	32.41%
17	1,132	21,189	63.53%	19,244	199,350	35.88%
18	1,034	22,223	66.63%	18,612	217,962	39.23%
19	977	23,200	69.56%	18,563	236,525	42.57%
20	828	24,028	72.04%	16,560	253,085	45.55%
21	724	24,752	74.21%	15,204	268,289	48.28%
22	716	25,468	**76.36%**	15,752	284,041	**51.12%**
23	658	26,126	78.33%	15,134	299,175	53.84%
24	609	26,735	80.16%	14,616	313,791	56.47%
25	568	27,303	81.86%	14,200	327,991	59.03%
26	542	27,845	83.49%	14,092	342,083	61.57%
27	462	28,307	84.87%	12,474	354,557	63.81%
28	450	28,757	86.22%	12,600	367,157	66.08%
29	420	29,177	87.48%	12,180	379,337	68.27%
30	392	29,569	88.66%	11,760	391,097	70.39%
31	327	29,896	89.64%	10,137	401,234	72.21%
32	263	30,159	90.43%	8,416	409,650	73.73%
33	263	30,422	91.21%	8,679	418,329	75.29%
34	249	30,671	91.96%	8,466	426,795	76.81%
35	201	30,872	92.56%	7,035	433,830	78.08%
36	197	31,069	93.15%	7,092	440,922	79.35%
37	187	31,256	93.72%	6,919	447,841	80.60%
38	147	31,403	94.16%	5,586	453,427	81.60%
39	146	31,549	94.59%	5,694	459,121	82.63%
40	146	31,695	95.03%	5,840	464,961	83.68%
41	152	31,847	95.49%	6,232	471,193	84.80%
42	108	31,955	95.81%	4,536	475,729	85.62%
43	112	32,067	96.15%	4,816	480,545	86.49%
44	100	32,167	96.45%	4,400	484,945	87.28%
45	83	32,250	96.70%	3,735	488,680	87.95%
46	83	32,333	96.94%	3,818	492,498	88.64%
47	86	32,419	97.20%	4,042	496,540	89.36%
48	69	32,488	97.41%	3,312	499,852	89.96%
49	60	32,548	97.59%	2,940	502,792	90.49%
50	75	32,623	97.81%	3,750	506,542	91.16%
51	47	32,670	97.96%	2,397	508,939	91.60%
52	47	32,717	98.10%	2,444	511,383	92.04%
53	53	32,770	98.25%	2,809	514,192	92.54%
54	53	32,823	98.41%	2,862	517,054	93.06%
55	36	32,859	98.52%	1,980	519,034	93.41%
56	31	32,890	98.61%	1,736	520,770	93.72%
57	30	32,920	98.70%	1,710	522,480	94.03%
58	30	32,950	98.79%	1,740	524,220	94.35%
59	26	32,976	98.87%	1,534	525,754	94.62%
60	21	32,997	98.94%	1,260	527,014	94.85%
61	32	33,029	99.03%	1,952	528,966	95.20%
62	27	33,056	99.11%	1,674	530,640	95.50%
63	28	33,084	99.20%	1,764	532,404	95.82%
64	20	33,104	99.26%	1,280	533,684	96.05%
65	15	33,119	99.30%	975	534,659	96.22%
66	14	33,133	99.34%	924	535,583	96.39%
67	14	33,147	99.39%	938	536,521	96.56%
68	13	33,160	99.42%	884	537,405	96.72%
69	9	33,169	99.45%	621	538,026	96.83%
70	10	33,179	99.48%	700	538,726	96.96%
71	16	33,195	99.53%	1,136	539,862	97.16%
72	11	33,206	99.56%	792	540,654	97.30%
73	7	33,213	99.58%	511	541,165	97.40%
74	8	33,221	99.61%	592	541,757	97.50%
75	2	33,223	99.61%	150	541,907	97.53%
76	11	33,234	99.65%	836	542,743	97.68%
77	8	33,242	99.67%	616	543,359	97.79%
78	4	33,246	99.68%	312	543,671	97.85%
79	4	33,250	99.69%	316	543,987	97.90%
80	4	33,254	99.71%	320	544,307	97.96%
81	7	33,261	99.73%	567	544,874	98.06%
82	5	33,266	99.74%	410	545,284	98.14%
83	4	33,270	99.75%	332	545,616	98.20%
84	2	33,272	99.76%	168	545,784	98.23%
85	2	33,274	99.77%	170	545,954	98.26%
86	4	33,278	99.78%	344	546,298	98.32%
87	6	33,284	99.80%	522	546,820	98.41%
88	0	33,284	99.80%	0	546,820	98.41%
89	5	33,289	99.81%	445	547,265	98.49%
90	1	33,290	99.81%	90	547,355	98.51%
91	3	33,293	99.82%	273	547,628	98.56%
92	2	33,295	99.83%	184	547,812	98.59%
93	0	33,295	99.83%	0	547,812	98.59%
94	2	33,297	99.84%	188	548,000	98.63%
95	4	33,301	99.85%	380	548,380	98.69%
96	2	33,303	99.85%	192	548,572	98.73%
97	0	33,303	99.85%	0	548,572	98.73%
98	3	33,306	99.86%	294	548,866	98.78%
99	2	33,308	99.87%	198	549,064	98.82%
100	1	33,309	99.87%	100	549,164	98.83%
101-200	36	33,345	99.98%	4,523	553,687	99.65%
201-300	5	33,350	99.99%	1,179	554,866	99.86%
301-400	1	33,351	100.00%	329	555,195	99.92%
400 +	1	33,352	100.00%	443	555,638	100.00%
Total	33,352			555,638		

Chart 1



BARTLE WELLS ASSOCIATES
Jobs/CCWD/064-E/CCWD Water Rate Scenarios 01.26.2010.xlsx,Chart 1 - Bill vs Water Use, 1/29/2010

Table 7
Coastside County Water District
2009/10 Estimated Revenue (1)

	Residential	Commercial	Total
Quantity Charges	$2,442,420	$2,236,616	$4,679,036
Base Charges (2)	$838,612	$241,163	$1,079,776
Total Water Sales Revenue	$3,281,032	$2,477,779	$5,758,811
Quantity Charges	74.4%	90.3%	81.3%
Base Charges (2)	25.6%	9.7%	18.7%
Total	100.0%	100.0%	100.0%

1 - Revenue based on 2009/10 rates. Consumption revenue based on 2008/09 water use.
Base charge revenue based on 2008/09 meter counts.

2 - Base charge revenues for Commercial include detector check revenue. *(need to check if calculating correctly)*

Table 7a
Coastside County Water District
Estimated Annual Base Charge and Quantity Charge Revenue

BASE CHARGE REVENUE

Code	Description	2009/10 Base Charge	2009/10 Base Revenue
Residential			
10	1" Meter Residential	$60.28	$24,594
33	3/4" for 2 units	$72.38	$434
35	3/4" Meter Residential	$36.17	$26,476
57	5/8" Meter for 2 units	$52.92	$5,398
58	5/8" Meter Residential	$24.06	$781,709
	Total Residential Meters		$838,612
Other Customers			
1	1" Meter	$60.28	$37,976
2	2" Meter	$192.94	$42,833
3	3" Meter	$422.07	$5,065
4	4" Meter	$1,447.28	$17,367
12	1 1/2" Meter	$116.41	$13,969
34	3/4" Meter	$36.17	$3,906
3I	3" Interuptable	$422.07	$2,532
3N	3" No Base Charge	$0.00	$0
59	5/8" Meter	$24.06	$58,177
6D	Detector Check Base/Comm Rate	$0.00	$0
89	1 1/2" Detector Check[1]	$9.00	$2,214
90	3/4" Detector Check	$4.50	$243
91	1" Detector Check	$6.00	$18,972
92	2" Detector Check	$12.00	$3,456
93	3" Detector Check	$18.00	$324
94	4" Detector Check	$24.00	$16,704
96	6" Detector Check	$24.00	$5,616
98	8" Detector Check	$48.00	$3,168
99	10" Detector Check	$60.00	$8,640
	Total Other Customers		$241,163
TOTAL BASE CHARGE REVENUE			$1,079,776

1 - Detector Check Valves - bimonthly service charge is $6 per inch of valve diameter - 2008/09 rate
Source: CCWD Excel File "Rate Code Meter Data"

QUANTITY CHARGE REVENUE

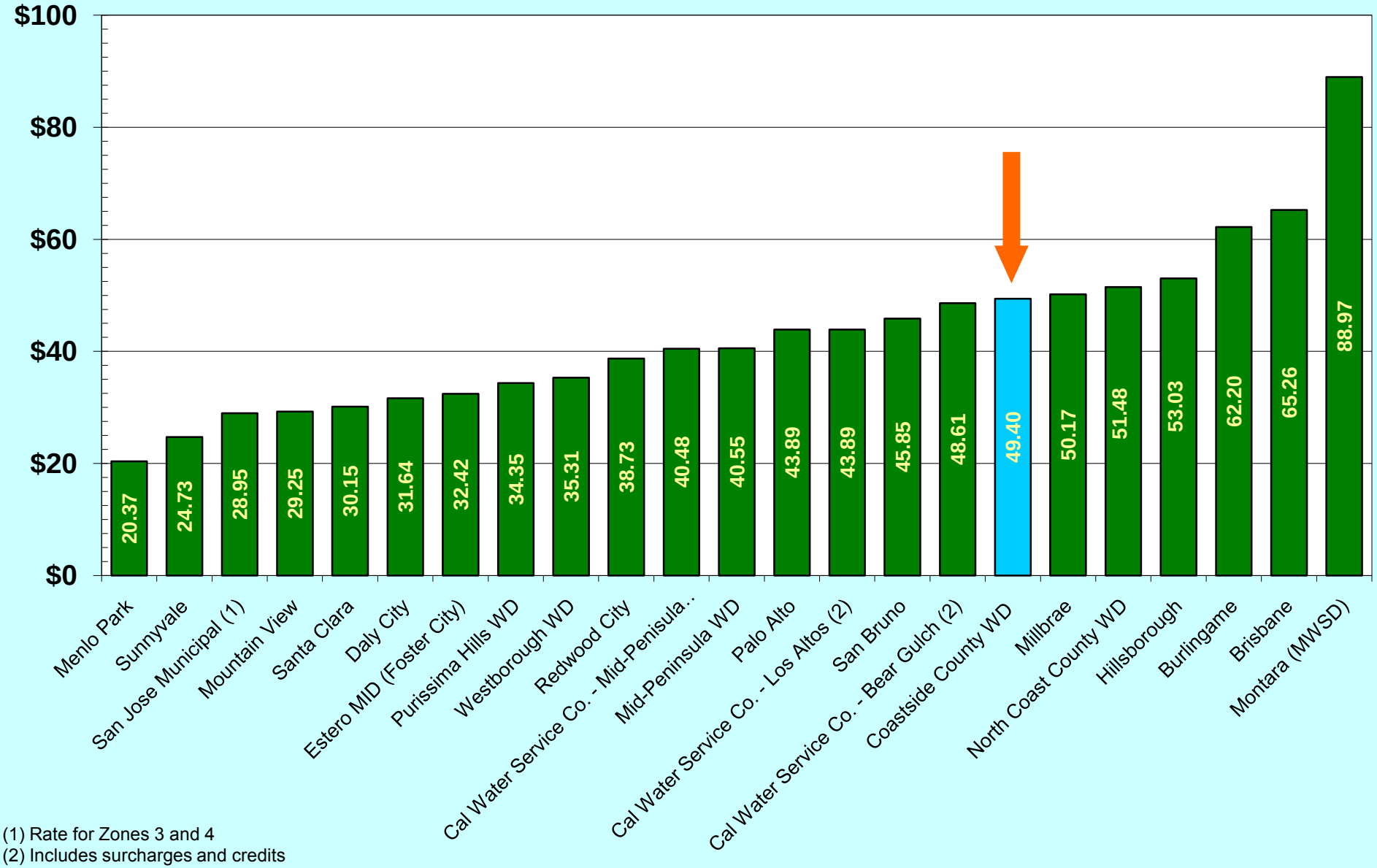
Residential Water Usage

	Tier Breaks	2008/09 Water Use (hcf)	2009/10 Rates	Est. Revenue
Tier 1	0 - 8	238,546	$3.93	$937,486
Tier 2	9 - 25	240,637	$4.33	$1,041,958
Tier 3	26 - 40	51,993	$5.63	$292,721
Tier 4	41 or +	24,462	$6.96	$170,256
		555,638		$2,442,420
Non-Residential (Commercial) Water Usage		418,059	$5.35	$2,236,616
TOTAL QUANTITY CHARGE REVENUE				$4,679,036

Chart 2

Monthly Single Family Residential Water Rates, Dec 2009

Based on 9 hcf of monthly winter water use



(1) Rate for Zones 3 and 4
(2) Includes surcharges and credits

Bartle Wells Associates
CCWD Water Rate Scenarios 01.26.2010.xlsx, Chart 2 Water Rate Survey , 1/29/2010

STAFF REPORT

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

From: **David Dickson, General Manager**

Agenda: **February 9, 2010**

Report Date: February 5, 2010

Subject: **Approval of Contract with Jim Steele for Denniston Biological Study**

Recommendation:
Authorize staff to contract with Jim Steele for a Denniston Creek biological study at an estimated cost of $26,850.

Background:
In November 2009, the State Water Resources Board issued a notice of the District's petition for extension of time on our Denniston/San Vicente water rights permit. The District submitted the petition in 2003, requesting that the time allowed for completion of infrastructure improvements and perfection of our water rights be extended to 2016. The notice opened a period for submission of protests to the petition.

In response to the State Board's notice, the California Department of Fish and Game (DFG) wrote a letter dated January 14, 2010 expressing a number of concerns related to Denniston and San Vicente Creeks (see Attachment A). While the letter was not a timely protest to our petition for extension of time, the District will need to address the concerns DFG raises.

Staff met with consultant Jim Steele, a former DFG department manager who has worked extensively with us on DFG issues, to discuss the letter. Mr. Steele recommended that we initiate our own study of biological resources in Denniston Creek in order to evaluate and respond to DFG concerns. His proposal to perform the study and provide related advice and assistance at an estimated cost of $26,850 is included as Attachment B.

Fiscal Impact:
Cost of $26,850.

Attachment A

State of California
Department of Fish and Game

Memorandum

Date: January 14, 2010

RECEIVED
JAN 15 2010
COASTSIDE COUNTY
WATER DISTRICT

To: Ms. Victoria Whitney
State Water Resources Control Board (SWRCB)
Division of Water Rights
Post Office Box 2000
Sacramento, CA 95812

Attention: Ms. Kathleen Groody

From: Charles Armor, Regional Manager
Department of Fish and Game – Bay Delta Region, Post Office Box 47, Yountville, California 94599

Subject: Petitions for Extension of Time for Water Application (WA) 22680 Filed by Coastside County Water District to Divert Water from San Vicente Creek, Tributary to the Pacific Ocean and Denniston Creek, Tributary to the Pacific Ocean in San Mateo County

The Department of Fish and Game's (DFG) interest in this Petition is based on its status as trustee agency for California's fish and wildlife resources and as a responsible agency under Fish and Game Code Section 1600 et. seq. and the California Endangered Species Act (CESA).

DFG is concerned that the project is having direct and cumulative adverse impacts on Public Trust resources of Denniston and San Vicente creeks in San Mateo County. The project currently does not bypass sufficient flow and operations described in the Petition are occurring without appropriate authorization from DFG. The current project is impacting Public Trust resources by continuing to prevent passage and reducing instream flow necessary to maintain riparian and fish[1] habitat in good condition. In particular, impacts to steelhead (*Oncorhynchus mykiss)*, California red-legged frog (*Rana aurora draytonii),* foothill yellow-legged frog *(Rana boylii)*, San Francisco garter snake (*Thamnophis sirtalis tetrataenia*), and other aquatic and terrestrial species may continue to occur. Direct and cumulative impacts on resources from construction of the facilities and the diversion of water under WA 22680 must be assessed and mitigated through appropriate site-specific measures during environmental review.

Project Description

Under WA 22680, the applicant seeks to expand the existing project facilities to include a new diversion on San Vicente Creek and continued diversion at Denniston Reservoir for municipal use. The applicant requests a season of diversion from January 1 to December 31 of each year.

[1] "Fish" means wild fish, mollusks, crustaceans, invertebrates, or amphibians, including any part, spawn, or ova thereof.

Statement of Facts

- Fish and Game Code Section 5937 requires that sufficient water be passed over, around, or through a dam to maintain fish in good condition. CCR Title 23 Section 782 emphasizes the requirement for the SWRCB to comply with this Section. The Petition does not include any protective bypass flows below Denniston Reservoir, which is also a known fish barrier. Further, the proposed diversion on San Vicente Creek does not include any bypass flows beyond the proposed Point of Diversion (POD). Diversion of water at these locations could dewater downstream reaches during times that sensitive species would normally be present. Without implementation of any bypass flows, DFG cannot conclude that the project as proposed would maintain resources in good condition.

- Effects to sensitive resources including State and federally listed species have not been sufficiently analyzed or disclosed. A site-specific analysis of Denniston Reservoir and San Vicente Creek and its resources should be conducted to determine the flows necessary to keep sensitive resources in good condition. The survey should focus on State and federally listed species as well as any Species of Special Concern.

- The Application has failed to accurately disclose current operations and identify whether sufficient water exists for use without unreasonably affecting other water users or adversely affecting sensitive resources in downstream reaches. A Water Availability Analysis (WAA) has not been included in the Application, making it impossible to determine the amount of water available for diversion. Though the Applicant has been diverting water at Denniston Reservoir, it should not preclude SWRCB from thoroughly assessing the effects of the new diversion at San Vicente Creek. The WAA should take into consideration the needs of instream resources and, depending on the results of the WAA, DFG may recommend that a site-specific study be conducted to determine the amount of water necessary to keep sensitive resources in good condition.

Lake and Streambed Alteration Agreement

The applicant should also be advised that a Lake and Streambed Alteration Agreement (LSAA) pursuant to Fish and Game Code Section 1602 shall be required for the construction of the new diversion work and any diversion of water within each stream. This agreement process will be administered through the Bay Delta Regional Office in Yountville and can be initiated by contacting the Lake and Streambed Alteration Program at (707) 944-5520. Water cannot continue to be diverted until an LSAA is executed by the applicant and DFG. DFG would also require the same site-specific information described below potentially including an instream flow study to determine appropriate minimum bypass flows for maintenance of aquatic habitat, fish and wildlife, bypass flows needed to maintain all life history stages of these species, and the impacts of the existing on-stream reservoir on passage.

The conditions DFG may require to keep fish in good condition and to avoid and minimize impacts to resources are as follows:

1. The season of diversion shall be limited to December 15 to March 31 of each year.

2. From April 1 to December 14 of each year, all natural flow shall be bypassed.

3. No water shall be diverted even within the allowable diversion season, until the measure of flow being passed around the POD is sufficient to keep aquatic resources in good condition including sufficient water to allow for passage beyond Denniston Reservoir. Determination of what minimum flows are necessary shall be done in consultation with DFG staff and will most likely require a site-specific instream flow study.

Site-Specific Instream Flow Survey

In this case, the only acceptable method to determine what flows are necessary to keep fish in good condition and subsequently what amount of water is available for appropriation, is a site-specific study. In order to address Public Trust resource requirements, the Applicant should at a minimum be required to hire a qualified fisheries biologist to prepare and conduct a site-specific instream flow study. DFG recommends that the Applicant contact DFG within 90 days to provide a study plan for implementation. If the Applicant pursues implementation of the study in a timely manner, DFG expects that a completed study could be submitted within 18 months of the study plan approval. In the interim, DFG expects that the Applicant maintain minimum flows to keep fish in good condition. The current unauthorized operations are dewatering downstream reaches, preventing passage and adversely affecting resources that would otherwise be detected in surveys. In order to accurately reflect stream resources present in the system, the Applicant must release water during the study period. DFG is recommending the Applicant pursue implementation of the study with due diligence. Alternatively, the applicant should be required to cease all diversions until a site-specific study can be implemented and long-term instream flow recommendations can be developed.

The study plan to be provided to DFG and National Marine Fisheries Service (NMFS) for review, and approval should include, at a minimum, the following:

1. A habitat-based stream assessment done at a seasonally appropriate time period that incorporates habitat, species, and life history criteria which may be impacted by: 1) The new POD requested in this project; and 2) any increase in diversion at any established POD that may result from the redistribution of water from San Vicente Creek.

2. A site-specific instream flow study to determine appropriate minimum bypass flows for maintenance of aquatic habitat, fish and wildlife. The study should specifically address bypass flows needed to maintain all life history stages of the species described in condition 1 in all tributaries impacted by the proposed project. The study should also consider the impacts of the existing on-stream reservoir on fish passage with a specific proposal to provide passage during sensitive time periods.

3. A hydrologic study to determine if the production of each watershed at the POD is sufficient to provide the water requested when in compliance with proposed minimum bypass flows and season of diversion. The study should identify all other basis of water rights in watersheds potentially affected by the proposed diversions.

4. A plan to monitor compliance, the effectiveness of the stipulated flows, and procedures for making subsequent modifications, if necessary.

In order to address the project's impacts on Public Trust resources, any extension of the WA should be conditioned to avoid or minimize impacts to sensitive species. Further, by this memorandum, DFG is notifying the Applicant and SWRCB that the project will require authorization from DFG. Consultations and subsequent LSAA terms may require modification to the project, and it is recommended that SWRCB delay action on this Petition until after DFG issues its authorizations. Recommended terms may include but are not limited to:

1. Under the exercise of all bases of rights, the season of diversion shall be limited to December 15 to March 31 of each year.

2. Under the exercise of all bases of rights, from April 1 to December 14 of each year, all natural flow shall be bypassed.

3. No work shall commence and no water shall be diverted, stored, or used under this permit until a signed copy of an LSAA between DFG and the Permittee is filed with the SWRCB Division of Water Rights. Compliance with the terms and conditions of the agreement is the responsibility of the Permittee. If an LSAA is not necessary for this permitted project, the Permittee shall provide the Division of Water Rights a copy of a waiver signed by DFG.

4. No water shall be diverted, even within the allowable diversion season, until the measure of flow being bypassed around the existing POD is of sufficient quantity and quality to allow upstream and downstream fish passage, and maintain in good condition any aquatic resources that would exist in downstream reaches under unimpaired flows. Determination of the bypass flow shall be based on site-specific biological investigations approved by DFG and NMFS personnel.

5. The bypass shall be a passive or automated system that is designed to only divert flow when the terms of the SWRCB permit will be met. Outside the diversion season and at low flows, water will automatically bypass the POD.

6. To reduce impacts due to abrupt changes in released or diverted flows to downstream fish resources, bypass flows shall be modified incrementally to avoid sudden changes in flow which may cause stranding downstream of PODs. An Operations Plan including a ramping plan shall be provided to DFG for review and concurrence prior to construction. By July 1 of each year, a summary monitoring report conducted over the previous season shall be provided to DFG. The report shall provide a summary of the flow data collected in a manner that clearly demonstrates whether or not the flow and diversion rate conditions of the Agreement were met.

7. To protect in-stream resources from cumulative impacts of instantaneous diversion, there shall be no direct diversion for irrigation or for frost or heat control under the exercise of any basis of right.

8. If unforeseen problems arise which are causing significant adverse impacts to fish and/or wildlife resources or as further data is accumulated for analysis, the Applicant may be required to implement additional measures to reduce those impacts.

9. Permittee must agree to allow access for DFG personnel to monitor compliance.

If you have questions regarding this protest, please contact Ms. Corinne Gray, Staff Environmental Scientist, at (707) 944-5526; or Mr. Greg Martinelli, Water Conservation Supervisor, at (707) 944-5570; or by writing to DFG at the memorandum address listed above.

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

Mr. David Hines
National Marine Fisheries Service
777 Sonoma Avenue, Room 325
Santa Rosa, CA 95404

Bid for developing the
COASTSIDE COUNTY WATER DISTRICT
RESPONSE TO DEPARTMENT OF FISH AND GAME ISSUES
REGARDING
PETITION TO SWRCB FOR WA EXTENSION OF TIME
FOR DENNISTON CREEK AND SAN VECENTE CREEK

BACKGROUND

CCWD has petitioned for an extension of time for Water Application (WA) 22680 that allows a withdrawal of 2 CFS each from Denniston Creek and San Vincente Creek in San Mateo County. DFG (Department of Fish and Game) has filed a letter of concern with the SWRCB alleging several potential direct and cumulative adverse affects will arise from the diversion of this water. DFG has also determined that CCWD is required to file for a permit to divert water under the Fish and Game Code. DFG states that the season of diversion must be reduced and even at that, no diversion shall continue until bypass flows are confirmed with an instream flow study.

The CCWD has asked for a bid to review the DFG letter and conduct both field and record review of the stated concerns, determine the validity of the DFG concerns, develop recommendations for a strategy that responds to legitimate concerns and suggest potential choices for strategy outcomes. Secondly, develop a response letter of record to the SWRCB regarding the DFG issues that will establish the CCWD position and appropriate choice of actions. Many of the DFG issues are without reference to established data. Therefore, information gathered by this approach will potentially reduce the scope of the stated DFG requirements and be incorporated in any permit or additional studies required by DFG.

SCOPE OF WORK

1. **Review the assertion that bypass flows in each creek are insufficient to maintain downstream resources.** Obtain and review the available historical hydrologic records to determine the current flows and dependent stream resources. Describe these resources in context with the human use and natural history aspects of each watershed.
2. **Determine authorization required from DFG**. Analyze components of this authorization such as protections for fish passage, downstream resources and listed species. Assess various mitigation measures as may be necessary to offset any valid potential impacts.
3. **Conduct a records and field assessment** of the habitats at risk in each watershed to determine the need for mitigation measures or future studies that may form the basis for such authorization.
4. **Develop draft letters of record to the SWRCB** that demonstrate the CCWD position and method for protecting natural stream resources.
5. **Contact DFG and confer on components** of an appropriate study that will establish the additional data needed to determine protective actions in each watershed.
6. **Develop the elements for a draft permit application** as needed for DFG authorization to conduct CCWD operations.

ESTIMATES OF TIME

1. Develop a letter to the RWQCB that indicates that CCWD is reviewing the DFG concerns= **2hrs.**
2. Conduct a field survey of each watershed and assess the location, quality and quantity of habitats extant relevant to the District POD. This includes reviewing file data, walking and measuring field attributes and documenting natural resources. San Vincente Creek= **24 hrs.** Denniston Creek= **24hrs.**
2. Review historical flow data as available and assess the potential impacts to instream resources based on a review of stream habitats and the watershed survey. Determine the validity for reducing the season of diversion to avoid impacts. SVC= **15hrs**. DC= **15hrs**.
3. Review the historical placement of the Denniston dam and any structures on San Vincente and analyze the present culpability of the structures to produce impacts as described by DFG. SVC=**10hrs.** DC=**10hrs.**
4. Develop a draft letter of record to the SWRCB responding to allegations by DFG and assessing the appropriateness of DFG requirements. SVC= **8hrs.** DC=**8hrs.**
5. Contact and meet with DFG representatives as needed and determine their requirements for additional study= **8 hrs.**
6. Draft a report to CCWD with findings and recommendations that will respond to appropriate concerns of DFG=**20hrs.**
7. Develop a draft application for DFG permits as required to comply with applicable laws=**10hrs**.
8. Develop a draft study for each watershed that will support both the diversion and mitigations as proposed in the DFG Application=**15hrs.**

COMPENSATION and DELIVERY

The above times include costs and travel and assistants as needed. There is no standby time as in monitoring studies and the active investigation rate is $150/hour. The cost of this investigation is 179X150=$26,850. The project can begin ASAP for the first letter, historical and file data, and the field investigation can take place as weather permits in Feb/March. The final products will be available before the end of April. Potential advantages of this study are a reduced and focused DFG involvement in CCWD operations.

Jim Steele, Professional Biological Consultant
(916) 834-6165
10750 Pingree Road, Clearlake Oaks, CA 95423

STAFF REPORT

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

From: **David Dickson, General Manager**

Agenda: **February 9, 2010**

Report Date: February 4, 2010

Subject: **Water Reclamation Update – Principles of SAM-CCWD Agreement for Water Reclamation**

Recommendation:
Approve the attached Principles of Agreement for Recycled Water between SAM and CCWD and confirm that CCWD will not reimburse SAM or pay for any recycled water project costs incurred before SAM and CCWD have executed a recycled water project agreement, unless the CCWD Board expressly authorizes such expenditure.

Background:
Beginning in early November 2009, SAM and CCWD staff began working to develop basic principles of an interagency agreement for recycled water. The principles, once approved by both agencies, would serve as the foundation for developing a detailed agreement specifying each agency's role and responsibilities in the recycled water project.

The initial draft of the principles was presented to the SAM Board on November 23, 2009 and to the CCWD Board on December 8, 2009. Both boards directed their respective managers and counsel to further develop the principles and present them at a subsequent meeting for review and approval.

SAM Manager Foley presented the attached principles, which represent the joint effort of SAM and CCWD staff and counsel, to the SAM Board on January 25. SAM directors raised a number of questions and issues related to details of a recycled water contract but did not indicate significant agreement or disagreement with any of the principles. The SAM board took no action on the principles and did not provide specific direction to staff to change any of the principles.

In the CCWD Board's consideration of the principles of agreement, it is important to recognize that the principles should serve only to establish the basic

concepts for an agreement between the agencies, not to define details. Details such as facility capacity, physical location of the point of water delivery, truck access to the site, sharing of information between the agencies, peak flows, specific customers to be served, etc. are necessary and appropriate elements of the final contract to be negotiated. The principles are the foundation on which the detailed agreement will be built.

Approval of the principles by SAM or CCWD does not commit either agency to any obligation beyond the expectation that it will negotiate in good faith toward a recycled water contract consistent with the principles. Staff recommends that the CCWD Board approve the principles as the first step in this negotiation process.

Staff believes that the interest of the District Board and other parties in moving water reclamation ahead as quickly as possible will be served best by focusing on development and execution of a CCWD-SAM agreement for water recycling as the next step on the critical path. We believe it would be imprudent for the District to commit any significant funds to recycled water development efforts before there is an interagency agreement in place to provide assurance that the recycled water project – to be paid for entirely by CCWD under the principles of agreement – will be realized in a way that meets the District's goals. We therefore recommend that the Board consider stipulating in its approval of the principles of agreement that the District will not reimburse any reclamation project-related expenditures incurred before SAM and CCWD have reached an agreement satisfactory to the District.

Fiscal Impact:
None.

Principles of Agreement for Recycled Water
Between SAM and CCWD

(draft of January __, 2010)

BASIS FOR AGREEMENT

The Sewer Authority Mid-Coastside (SAM) is responsible for the treatment and disposal of wastewater collected from within its service area; within the SAM service area, two agencies, the Coastside Water District (CCWD) and the Montara Water and Sanitary District (MWSD) are retail water suppliers within their respective service areas.

It has been proposed that recycled water treatment facilities be constructed at the SAM treatment plant site in order to treat the wastewater generated at that site to a water quality level sufficient for its use as recycled water.

A project (Initial Project) has been proposed which consists of the construction at the treatment plant site of recycled water treatment facilities designed to serve CCWD customers located south of the treatment plant site, and a recycled water transmission and distribution system to serve one or more of those customers.

It is understood that MWSD may desire to obtain recycled water from SAM in order to provide recycled water to its customers and that, in order to do so, facilities beyond those proposed in the Initial Project would be required. Accordingly, SAM and CCWD intend to proceed with the financing, design, and construction of the Initial Project at no cost to MWSD. However, it is understood that, at some future date, MWSD may request that, pursuant to a separate agreement related thereto, recycled water treatment, transmission, and distribution facilities be financed, designed, and constructed in order to provide recycled water to MWSD customers at no cost to CCWD.

TERMS AND CONDITIONS

The purpose of the Agreement is to set out the terms and conditions pursuant to which SAM and CCWD will agree to finance, design, construct and operate the Initial Project, including the following:

1. *Jurisdiction*: SAM will be the producer of the recycled water. CCWD will be the distributor of recycled water to all recycled water customers within CCWD's service area.

2. *Point of Delivery*: The Point of Delivery of recycled water from SAM to CCWD shall be defined as that point in the recycled water treatment facility immediately downstream of the last treatment unit.

3. *Design and Construction*: SAM will be responsible for the design and construction of the recycled water treatment facilities to be constructed. The facilities will be designed to satisfy the water quality and production rate specified by CCWD. As a condition of

cost reimbursement by CCWD, CCWD shall have the right to approve design of the facility, which approval shall not be unreasonably withheld.

CCWD will be responsible for design and construction of all facilities for transmission and distribution of recycled water.

4. *CEQA*: Each party will be responsible for complying with CEQA with respect to the portion of the Initial Project which it is proposing to construct, it being understood that the parties will need to coordinate with respect thereto.

5. *Permits*: As much as practicable and for the sake of expedience, the parties will jointly apply for permits from the Regional Water Quality Control Board and the Department of Public Health and for a coastal development permit and construction permits. If not practicable or expedient, then the parties will separately apply for those permits.

6. *Financing*: CCWD will reimburse SAM for its costs associated with the design and construction of the recycled water treatment facilities needed to meet CCWD's requirements. Grant funds obtained by either party for recycled water project planning, design, or construction shall be applied to the project to reduce the overall cost of design and construction.

6. *Facility Ownership*: SAM will own, operate and maintain the recycled water treatment facilities to the point of delivery to CCWD. CCWD will own, operate and maintain the recycled water transmission and distribution facilities downstream of the point of delivery.

7. *Operation and Maintenance*: SAM will operate and maintain the recycled water treatment facilities to the point of delivery. CCWD will operate and maintain the recycled water transmission and distribution facilities downstream of the point of delivery.

CCWD will reimburse SAM for all costs, including overhead, it incurs in connection with the operation and maintenance of the recycled water treatment facilities to the point of delivery.

8. *Subsequent Projects*: Nothing in the agreement between SAM and CCWD is intended to preclude the ability of SAM to provide recycled water to MWSD, additional recycled water to CCWD, or both, through the design, financing and construction of additional recycling facilities at the treatment plant site.

STAFF REPORT

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

From: **David Dickson, General Manager**

Agenda: **February 9, 2010**

Report Date: February 5, 2010

Subject: **General Manager's Report**

Recommendation:
None. Information only.

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

1. **Proposition 1A Securitization**
   We received a check in January for $26,784 from the California Communities Proposition 1A Securitization program. This represents half of the amount shifted from our property tax share under the State's Proposition 1A suspension. We should receive the remainder in May or June 2010. This puts our property tax revenue to date at about $374,000, equal to or ahead of what we have received in recent years.

2. **ERAF Refund**
   In another upside budget surprise, the District in January received an ERAF (Educational Revenue Augmentation Fund) refund of $305,000. The amount of this refund has been unpredictable, and we had budgeted $100,000 for this fiscal year. We received an ERAF refund of $134,000 in FY08-09.

3. **Utility User Tax Discussion - San Mateo County Board of Supervisors**
   On January 26, the San Mateo County Board of Supervisors discussed a number of potential "revenue enhancement" measures to close a $100 million budget gap. A utility user tax was one of the alternatives identified. Many municipal and county jurisdictions levy taxes on gas, electricity telephone, cable, sewer and water charges. In its discussion, the Board of Supervisors did not provide County staff with any direction to further investigate a possible utility tax. Any utility user tax would have to be approved by the voters.

Monthly Report

To: **David Dickson, General Manager**

From: **Cathleen Brennan, Water Resources Analyst**

Agenda: **February 9, 2010**

Subject: **Water Resources Report**

This report is provided as an update on water resources activities.

The report includes the following items:

- WaterSense EPA
- 2010 Urban Water Management Plan
- List of Meetings

□ WaterSense EPA

Coastside County Water District has entered into an agreement with the U.S. Environmental Protection Agency to partner with the WaterSense program. By partnering with the WaterSense program, the District agrees to help promote WaterSense labeled products and educate the public on the value of water efficiency and the importance of saving water.

The District's website (Conservation Page) has been updated with links to the WaterSense website and a brief description of the program. Products currently labeled WaterSense include high efficient toilets, faucets and urinals. The WaterSense program plans on labeling irrigation controllers, spray rinse valves and showerheads soon.

For more information on WaterSense go to **http://www.epa.gov/watersense/**

□ 2010 Urban Water Management Plan (UWMP) 2010 Cycle

In 1983, the California Legislature enacted the Urban Water Management Planning Act. The Act requires that every urban water supplier that provides water to 3,000 or more customers, or that provides over 3,000 acre-feet of water annually, should make every effort to ensure the appropriate level of reliability in its water service sufficient to meet the needs of its customers during normal, dry, and multiple dry years. The Act describes the contents of the UWMP, as well as, how urban water suppliers should adopt and implement the plans. These plans are submitted to the State on a five-year cycle.

Senate Bill (SB) 7x-7 (2009) - Water Conservation - has amended and repealed some sections of the Water Code and will affect reporting requirements under the Urban Water Management Planning Act. This law requires that the State reduce urban per capita water use by 20% by

2020. The SB 7x-7 legislation mandates that each urban retail water supplier develop a water use target and report that number in the retailer's 2010 UWMP. The legislation also requires that retailers report a 2015 interim target.

The Department of Water Resources recognizes that these new requirements will take time to comply with and have granted an extension for submittal of the 2010 UWMP to July 1, 2011.

□ **List of Meetings**

Urban Water Management Planning/Conservation Workshop – West Yost - 1/19/2010
California Urban Water Conservation Council – Avoided Cost Wastewater – 1/20/2010
Employee Meeting – 1/26/2010
Bay Area Water Supply and Conservation Agency – Water Resources – 1/27/2010
AWWA CA-NV Section Water Conservation Certification Committee – 1/28/2010

Monthly Report

To: **David Dickson, General Manager**

From: **Cathleen Brennan, Water Resources Analyst**

Agenda: **February 9, 2010**

Subject: **Water Shortage and Drought Contingency Planning**

This report is provided as an update on the implementation of the Water Shortage and Drought Contingency Plan – Stage 1 (Advisory Stage). The Advisory Stage was implemented in June of 2007. In June of 2008, Governor Schwarzenegger declared a state - wide drought. On February 27, 2009, Governor Schwarzenegger proclaimed a state of emergency due to drought conditions and the resulting water shortage.

√ **Local Precipitation Records by Water Year.**

- Water year 2007 was critically dry at 67% of annual historic average.
- Water year 2008 was dry at 72% of the annual historic average.
- Water year 2009 was dry at 78% of annual historic average.
- Water year 2010 started on October 1, 2009. Local precipitation is at 92% of normal to date.

Precipitation for Half Moon Bay

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Historic Average	1.3	3.4	3.7	5.5	4.8	3.9	1.6	0.6	0.2	0.0	0.1	0.3	25.4
	2009			2010									
Water Year 2010	3.37	0.41	2.61	6.42									12.81
	2008			2009									
Water Year 2009	0.5	2.4	2.6	0.9	8.7	2.8	0.3	1.0	0.1	0.1	0.1	0.4	19.9
	2007			2008									
Water Year 2008	1.8	0.9	3.2	8.8	2.7	0.3	0.2	0.1	0.0	0.1	0.1	0.1	18.3
	2006			2007									
Water Year 2007	0.2	3.2	4.2	0.7	5.3	0.8	1.6	0.4	0.1	0.3	0.0	0.2	17.0

√ **California's Snow Survey**

The good news is the latest snow survey indicates that California's snowpack is 115% of normal to date statewide. The snow survey press release is attached.

√ **San Francisco Public Utilities Commission**

Precipitation for Pilarcitos Lake watershed is at 88% of normal to date and precipitation for Lower Crystal Springs is at 96% of normal to date. Precipitation for the Hetch Hetchy watershed is at 109.7% percent of normal to date.

For more information regarding precipitation and storage levels for the Hetch Hetchy System, please refer to the San Francisco Public Utilities Commission Hydrological Conditions Report for January 2010, in the Board packet.

News for Immediate Release

January 29, 2010

Contacts:

Don Strickland, Information Officer	(916) 653-9515
Ted Thomas, Information Officer	(916) 653-9712
Eric Alvarez, Information Officer	(916) 653-3925
David Rizzardo, Snow Surveys	(916) 574-2983
Frank Gehrke, Snow Surveys Office	(916) 952-4044
(on-site cell phone number on day of survey)	

DWR Announces Second Snow Survey Results of 2009/2010 Winter Season

SACRAMENTO – Manual and electronic readings today indicate that water content in California's mountain snowpack is 115 percent of normal for the date statewide. This time last year, snow water content was 61 percent of normal statewide.

"Today's snow survey offers us some cautious optimism as we continue to play catch-up with our statewide water supplies," said DWR chief deputy director Sue Sims. "We are still looking at the real possibility of a fourth dry year. Even if California is blessed with a healthy snowpack, we must learn to always conserve this finite resource so that we have enough water for homes, farms, and businesses in 2010 and in the future."

Lake Oroville, the principal storage reservoir for the State Water Project (SWP) is at 33 percent of capacity, and 50 percent of average storage for this time of year. Lake Shasta, the principal storage reservoir for the federal Central Valley Project, is at 56 percent of capacity, and 82 percent of average for the date.

DWR's early allocation estimate was that the agency would only be able to deliver 5 percent of requested SWP water this year, reflecting low storage levels, ongoing drought conditions, and environmental restrictions on water deliveries to protect fish species. The agency will recalculate the allocation after current snow survey results and other conditions are evaluated.

Results of today's manual survey by the Department of Water Resources (DWR) off Highway 50 near Echo Summit are as follows:

Location	Elevation	Snow Depth	Water Content	% of Long Term Average

Alpha	7,600 feet	69.3 inches	20.3 inches	96
Phillips Station	6,800 feet	62.6 inches	20.3 inches	106
Lyons Creek	6,700 feet	78.2 inches	22.9 inches	117
Tamarack Flat	6,500 feet	67.8 inches	20.2 inches	106

Electronic sensor readings show northern Sierra snow water equivalents at 129 percent of normal for this date, central Sierra at 101 percent, and southern Sierra at 119 percent. The sensor readings are posted at http://cdec.water.ca.gov/cgi-progs/snow/DLYSWEQ.

DWR estimates that fishery agency restrictions on Delta pumping adopted in the past year to protect Delta smelt, salmon, and other species could reduce annual deliveries of State Water Project water by 30 percent.

Governor Schwarzenegger has championed a comprehensive water plan that he recently signed into law. The package would safeguard the state's water supply through conservation, more surface and groundwater storage, new investments in the state's aging water infrastructure, and improved water conveyance to protect the environment and provide a reliable water supply.

Importance of Snow Surveying

Snow water content is important in determining the coming year's water supply. The measurements help hydrologists prepare water supply forecasts as well as provide others, such as hydroelectric power companies and the recreation industry, with needed data.

Monitoring is coordinated by the Department of Water Resources as part of the multi-agency California Cooperative Snow Surveys Program. Surveyors from more than 50 agencies and utilities visit hundreds of snow measurement courses in California's mountains to gauge the amount of water in the snowpack.

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The Department of Water Resources operates and maintains the State Water Project, provides dam safety and flood control and inspection services, assists local water districts in water management and water conservation planning, and plans for future statewide water needs.

MONTHLY REPORT

To: **David Dickson, General Manager**

From: **Joe Guistino, Superintendent of Operations**

Agenda: **February 9, 2010**

Report Date: **February 3, 2010**

Monthly Highlights

Denniston Filter Media Breakdown

The cause for the underdrain failure was found to be a corrosion hole in the header of #3 filter. Staff and a 3rd party observer recommends replacement of the original carbon steel headers with stainless steel.

Storm Damage

Nearby lightning strikes from the January storms may have contributed to the failure of two outdated Rugid brand computers running the Crystal Springs operating system. A power surge may have contributed to the failure of Crystal Springs pump #2 soft starts.

Coastside County Water District (CCWD) vs Arrowhead

Comparative testing of District water and a popular delivered water brand indicates that CCWD water is of higher quality.

Source of Supply

Crystal Springs Reservoir and the Pilarcitos Wells were the major source of supply for the month of January. Source of supply was switched to Pilarcitos Reservoir (with wells) on Wednesday, 27 January.

Systems Improvement

Beautification

-Crews cleaned up around treatment plants for DPH inspection.
-Pressure washed top deck at Nunes Water Treatment Plant (WTP)
-Replaced fluorescent light fixtures in chemical feed room with modern, more efficient units.
-Crews graded the Denniston Road that was damaged by the heavy rains.
-Cleaned in and around the meter vault at the Harbor District.

New Well Feasibility

We have started a study to determine the feasibility of installing a new well in Pilarcitos Canyon outside of the coastal zone. We would abandon 2 low producing wells that would need refurbishing in the upcoming years.

Nunes WTP Filter Drains

The crews have installed a filter drain system that allows us to drain the filters without taxing the septic system or allowing water to flow off-site. This new system recycles water to the backwash holding ponds. Kudos to John Davis, Steve Twitchell, Jack Whelen, Sean Donovan, Ray Winch, Dustin Jahns, and Matt Damrosch

Update on Other Activities:

Unidirectional Flushing Program

Crews have completed the valve exercising phase of the Unidirectional Flushing Program.

Denniston Filter Media Breakdown

ERS was hired to remove the media from the Denniston WTP pressure filters to investigate the occurrence of media in the underdrain system. They found a hole in the carbon steel header in filter #3 which allowed the media to populate the underdrain system with the resultant back-clogging during backwash. We have elected to go with their recommendation to install stainless steel headers in all three filters to prevent this from occurring again. The new header will penetrate the shell of the filter to attach to the existing flange. See Staff Report on Denniston Filter Repairs in the consent calendar. Mike Price, our third party observer and an expert in filtration process, concurs with this approach.

Storm Damage Events

Crystal Springs Power Outages

On Tuesday, 5 January, we lost power to the Crystal Springs Pump Station (PS). The Nunes WTP was immediately shut down. District Crews stood by to bring the station back up until PG&E (Pacific Gas and Electric) informed them that the power would not be up until late morning. One operator remained at Nunes through the night to maintain the hydropneumatic system. The power was back on at 10:30 and the Nunes WTP was restarted only to be shut back down to wait for the Cahill Tank to reach operating level. The plant was restarted 45 minutes later but an operator error during shutdown resulted in a very high chlorine residual in the clearwell. The operator backwashed 3 filters to bring the residual down to acceptable levels before sending it to the distribution system. We experienced higher than normal chlorine residuals in the system the next day but only received 3 complaints. Crews flushed the area around Poplar Street near the ocean to bring down the chlorine residual in response to a local customer complaint.

Another power failure during a storm event on 19 January resulted in damage to our computer telemetry systems at Crystal Springs and Cahill Tank. These computer components (Rugid) are old and not supported anymore and our Instrumentation Contractor Calcon could not bring them back up. A crew manned the plant through the night, one person at Crystal Springs and another at Cahill Tank. We pulled the computers from Miramar Tank (out of service for repairs and coating) and Denniston

WTP (out of service for filter problems) to get the Crystal Springs PS on line. Calcon has been instructed to install a modern computer operating system at Crystal Springs and Cahill Tank. We have also purchased an extra Rugid on eBay to keep as a stand by.

Downed Tree

The storm of 5 January downed a tree and some power lines in Pilarcitos Canyon, blocking access to our Crystal Springs PRV (Pressure Reducing Valve) vault. PG&E secured the downed lines and District crew removed the tree.

Nurserymen's Exchange Water Test

In an attempt to remove the bottled water usage from Nurserymen's Exchange, Mr. Don Mendel asked us to collect some samples from 3 locations to determine potability of water from their sinks (District supplied water) and their Arrowhead water cooler. Testing on 13 January indicated that the sinks had a chlorine residual of 0.9 mg/l (approximate), no Total Coliform, no E. coli, and only 1 cfu (colony forming unit) of Heterotrophic Plate Count (a test to determine sanitary conditions). The Arrowhead dispensor had no chlorine residual, 1 Total Coliform (a violation if it was a public water system), no E. Coli and over 5,000 cfu of Heterotrophic Plate Count. Mr. Mendel will use these results to have his workers move away from bottled water and to trust the water provided by Coastside County Water District (CCWD).

Crystal Springs P2 Soft start

The soft start for pump 2 at Crystal Springs failed in January, most likely from one of the power surges caused by the electrical storms. We purchased and had installed a new and much better (but cheaper) unit.

Safety/Training/Inspections/Meetings

Meetings Attended

5 January – Tour of District facilities with Director Donovan and Dave Dickson.
8 January – Met with Rick Langlois of ERS Industrial Services to discuss the underdrain failure at Denniston WTP. Twitchell, Donovan and Dickson also in attendance.
13 January – Met with Coastside Safety Committee. Discussed training schedule for the year.
13 January – Safety Training on Confined Spaces.
14 January – Met with Van Tsang of California Department of Public Health (DPH) to discuss District issues and the annual inspection. Twitchell also in attendance.
19 January – Met with Crosno Construction, Jim Teter and Steve Twitchell at the Miramar Tank site to discuss repairs.
19 January – Met with Jim Teter on Miramar Tank repairs and Alves Tank out of service strategy.
22 January – Quarterly lunch with farmer Dave Lea to discuss issues common to both of our interests.
26 January – All employee meeting.

27 January – Met with John Haaf of Joint Powers Insurance Association (JPIA) to discuss and conduct annual tour of facilities.
28 January – Maintenance Worker Ray Winch annual review.
29 January – Met with Aaron Levinson to discuss AT&T cell tower site at El Granada Tank 1. Dickson also in attendance.

Safety Meeting and Training
This month's training was on Confined Space. Twitchell, Winch, Whelen, Duffy, Damrosch and I were in attendance.

Training
Maintenance Worker Logan Duffy has been training at Nunes WTP in preparation for taking his T2 Certification and advancing to the Treatment/Distribution Operator pool.

Last Day
Temporary Maintenance Worker Dustin Jahns's last day of work was 26 January. He was the finest and best temporary worker that we have employed here and we really hated to see him go. Best of luck to him in his future endeavors.

Department of Public Health (DPH)
Interim Distribution Evaluation Survey (IDES)
The IDES report is part of the Stage 2 Disinfectant/Disinfectant Byproducts Rule which will go into effect in 2013. DPH accepted our report with minor alterations as to sample location and scheduled months for sampling. They are a little concerned about one site up in the El Granada Highlands but I assured them that we will be making operational changes that will allow that station to comply.

Annual Inspection
Van Tsang of DPH conducted her annual evaluation of our facilities on 14 January. She was very pleased with our facilities and had only minor criticism of some tank internal ladders, hatches and screens, which we will endeavor to repair in the next year. We have solicited a few contractors for some quotes on specific repairs and expect to hear back from them in February.

Projects
Tank Recoating Projects
Miramar Tank – The contractor will be repairing the floor in February. Thickness analysis of the floor periphery at the walls indicates that the steel is still good so we opted out of installation of an annular ring.

We had an issue with sediment control during the latest rains and the road to our neighbor above was temporarily inaccessible. The contractor fixed the problem and we added a little extra rock as a courtesy to the neighbor who has been very patient for the duration of this project.

Alves Tank- Preliminary testing of fire flows while the tank is off-line indicated that we will need to boost the pressure south of town if we take this tank out of service. We may postpone doing the inside coating of this tank, especially since the latest inspection of Half Moon Bay Tank 1 shows that it's internal lining has completely failed in a few spots.

Denniston Treatment Improvements
Presently in design phase.

Church Street Mainline Extension
All services have been switched to the new main. The old main will be abandoned in February.

Nunes Filters 3&4 Media Replacement
Contractors have removed the media from filter 3, inspected the underdrain and added new gravel and media. Treatment staff will be cleaning the filter of fines and disinfecting on the first week of February. Filter 4 will be complete by 1 March.

Cell Tower Sites
Verizon – There are drainage and sediment issues associated with this project that Verizon must address before this project can be accepted as complete by CCWD. These issues will be addressed in February.

AT&T/Team Mobile – We have started preliminary site design with AT&T at the El Granada Tank 1 site. In the process, we have discovered that our neighbor has encroached on to our property and his access road is not within the designated easement. We will be petitioning for a lot line adjustment to eliminate the encroachment as well as redescribing the easement. We will be proposing that the access road be available for ours and the cell tower owner's vehicles also. AT&T agreed to fence that part of our property that is not currently fenced. We will also be making improvements to the fence to bring it more up to Department of Homeland Security standards.

Nunes Short Term Improvement Project
The contractors, K.G. Walters, have made some site visits in January and will be proposing a change to schedule in our first meeting on 4 February.

Avenue Cabrillo Project
Presently in design phase by Mr. Teter.

State of California—Health and Human Services Agency
California Department of Public Health

MARK B HORTON, MD, MSPH
Director

ARNOLD SCHWARZENEGGER
Governor

February 1, 2010

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

Dear Mr. Dickson:

WATER SYSTEM SANITARY SURVEY FINDINGS
Coastside County Water District, Water System No. 4110011

This letter confirms the findings of the January 14, 2010 inspection of the Coastside County Water District (CCWD) water system. Ms. Van Tsang of the Department of Public Health (DPH) conducted the inspection in the presence of Mr. Joe Guistino and Mr. Steven Twitchell. During the inspection, system facilities including the Nunes Water Treatment Plant (Nunes WTP), the El Granada Tank 1, 2, and 3, Half Moon Bay Tank 1, 2, and 3, Alves Tank, Mira Montes Tank, Hazens Tank, and the Pilarcitos wells were visited.

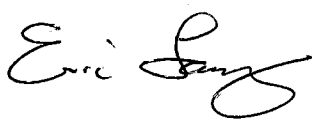
The Department is pleased that CCWD continues to make significant improvements to the water treatment plants and distribution system to produce and protect the high quality supply of water served to your customers. Such improvements include the installation of the magnetic flow meter and automatic control valves on the backwash return pipeline at the Nunes WTP to limit the return flow to less than 10 percent of the plant flow rate, the removal of gas chlorine and replacement with sodium hypochlorite, replacing all the filter media at the Nunes WTP within the past four years, and repainting and recoating many of the storage tanks.

However, the internal ladders and walls, hatch covers and sections of the roofs on the El Granada Tanks 1, 2, and 3 and Half Moon Bay Tanks 1, 2, and 3 are severely rusted. Please explore options to correct this problem to prevent further damage to the storage tanks and potentially impact water quality. The screens on the Hayes Tanks are also loose. Please secure the screens to the tank to prevent animals or other sanitary hazards from entering the reservoir.

With the knowledgeable and conscientious team of staff at CCWD, the Department is confident that CCWD can provide a safe, reliable and high quality supply of water for current and future needs of your community. The Department appreciates the assistance provided by Mr. Guistino and Mr. Twitchell during the inspection.

If you have any questions regarding this letter, please feel free to contact Ms. Van Tsang at (510) 620-3602.

Sincerely,



Eric Lacy, P.E.
District Engineer
Santa Clara District
Drinking Water Field Operations Branch
Department of Public Health

cc: San Mateo County Environmental Health Department