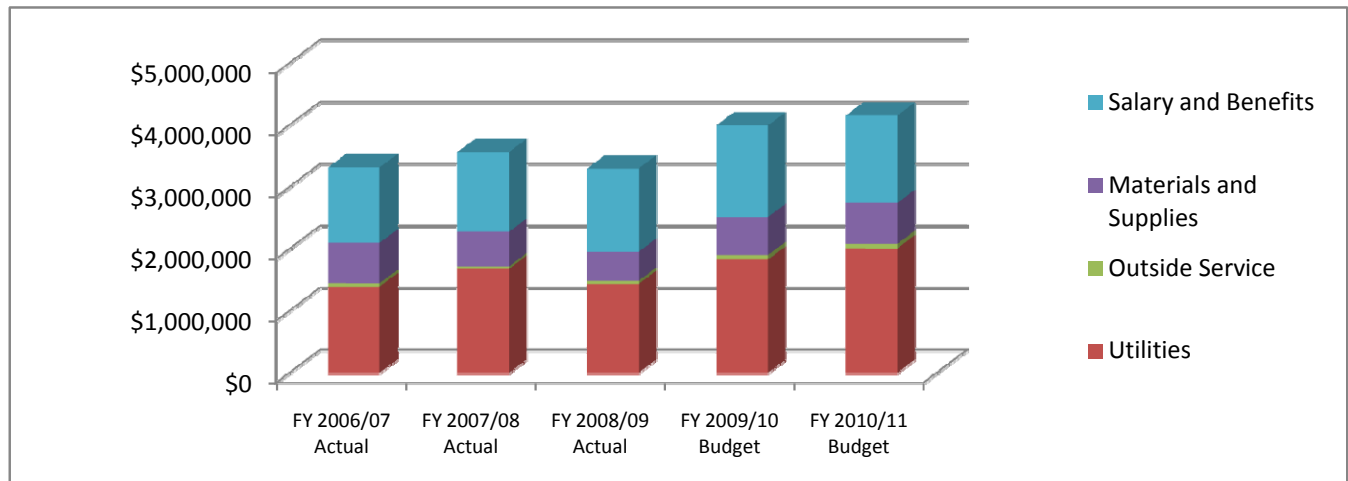


Water Treatment Operations Expenditures

	FY 2006/07 Actual	FY 2007/08 Actual	FY 2008/09 Actual	FY 2009/10 Budget	FY 2010/11 Budget
Salary and Benefits	\$ 1,216,342	\$ 1,287,640	\$ 1,343,433	\$ 1,478,200	\$ 1,411,600
Materials and Supplies	651,963	557,974	468,378	612,300	659,100
Outside Service	53,290	41,067	50,476	75,000	73,200
Utilities	1,393,328	1,678,451	1,433,685	1,827,900	2,009,500
Department Total	\$ 3,314,923	\$ 3,565,132	\$ 3,295,972	\$ 3,993,400	\$ 4,153,400

Positions	10.75	9.75	10.75	10.75	10.75
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Total Operating Budget - \$ 16,123,500
 Water Treatment Operations Budget - \$ 4,153,400

	FY 2006/07 Actual	FY 2007/08 Actual	FY 2008/09 Actual	FY 2009/10 Estimated	FY 2010/11 Budget
Workload Measures					
AF water treated	44,493	44,735	38,276	40,500	33,977
AF water produced from Saugus 1 and 2	-	-	-	-	3,325
AF recycled water provided	426	438	295	330	300
AF perchlorate-contaminated water treated	-	-	-	-	3,325
Maximum day deliveries (mgd)	80	82	70	69	80



Treatment Plant Operators Porter Hamilton and Rafael Pulido swapping out empty chlorine cylinders at the Rio Vista Water Treatment Plant.



DIVISION: WATER TREATMENT OPERATIONS

Division Objective:

Optimize the operation of CLWA's two water treatment plants and ancillary facilities and fulfill CLWA's mission of providing reliable, quality water at a reasonable cost to the Santa Clarita Valley.

Major Accomplishments – FY 2009/10

- ◆ Met all purveyor demands by delivering 34,610 AF and all applicable water quality regulations, while maximizing SWP carryover for use in FY 2010/11.
- ◆ Estimated Division expenditures are 87% of the FY 2009/10 Budget. This is due to lower-than-budgeted water sales and due to the delays in start-up of the Saugus 1 and 2 wells.

Major Actions – FY 2010/11

- ◆ Update Operations Plans for RVWTP and ESFP [12/10]. [P1](#) B2.3
- ◆ Continue to make facilities and operational modifications as necessary to address revisions to water quality regulations and higher local water retailer's demands while minimizing operational costs [ongoing]. B2.16
- ◆ Coordinate emergency response planning efforts with the local water retailers, County and City [ongoing]. B5.1
- ◆ Meet all local water retailers' water demands [ongoing]. A1.2
- ◆ Meet all applicable water quality regulations [ongoing]. B3.6
- ◆ Perform all Operations tasks cost-effectively and efficiently, with the utmost regard for customer and employee safety and security [ongoing]. B4.1
- ◆ Ensure that the Division budget is appropriately expended by actively managing and controlling expenditures [ongoing]. C3.2

Financial Highlights

The FY 2010/11 Budget is \$4,153,400, which represents a 4% increase over the FY 2009/10 Budget of \$3,993,400. Salary and Benefits decrease by \$66,600, or 5%; Materials and Supplies increase by \$46,800, or 8%; Outside Services decrease by \$1,800, or 2%; and Utilities increase by \$181,600, or 10%.

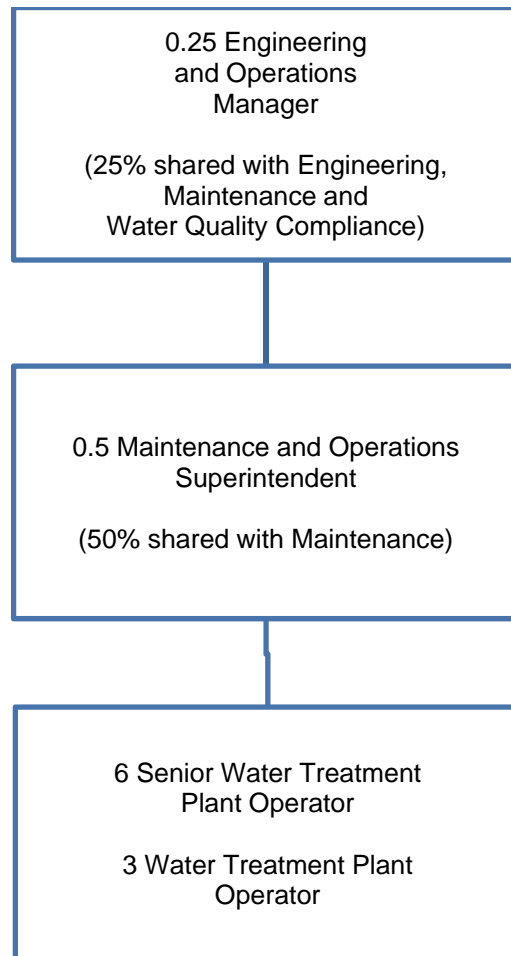
The FY 2010/11 Budget is based on treating 33,977 AF of imported water and pumping 3,325 AF of water from the Saugus 1 and 2 wells.

FY 2009/10 Estimated Expenditures

Water Treatment Operations FY 2009/10 estimated expenditures are 14% less than budgeted. In general, this reflects less consumption of chemicals and power due to lower-than-budgeted water demands.

[P1](#), [P2](#) and [P3](#) actions indicate highest, high and normal priority, respectively, and are shown in blue.

Water Treatment Operations Division Organization



Details of Water Treatment Operations Expenditures
FY 2010/11 Budget

0011400000 WATER TREATMENT OPERATIONS

	FY 2008/09 Actual	FY 2009/10 Budget	FY 2009/10 Estimated	FY 2010/11 Budget
<u>Salary and Benefits</u>				
51001 Salary	\$ 799,657	\$ 850,100	\$ 801,200	\$ 847,400
51007 Overtime	149,120	115,000	120,000	115,000
51050 Burden and Benefits	394,656	513,100	426,600	449,200
<u>Materials and Supplies</u>				
52005 Safety Training and Equipment+	3,558	10,000	-	-
52010 Supplies and Services	3,071	5,000	2,400	4,000
53215 Recruitment Expenses	200	-	500	-
51505 Employee Expense	2,251	-	500	500
51515 Employee Travel	1,729	2,300	500	2,000
52600 Chemicals	457,569	595,000	505,000	652,600
<u>Outside Services</u>				
53101 Education/Seminars	4,150	5,500	2,000	5,000
53104 Uniforms	1,847	4,000	3,200	3,200
53105 Outside Service/Contracting	6,941	5,500	3,000	5,000
53224 DOHS Large Water System Fee	37,538	60,000	54,300	60,000
<u>Utilities</u>				
54402 Electricity - Treatment Plants	256,855	350,000	300,000	350,000
54401 Electricity - Pumping	1,089,572	1,110,000	1,100,000	1,200,000
54403 Electricity - Other	43,137	51,500	45,000	51,000
54404 Electricity - Wells	-	229,600	-	344,400
54430 Telemetry	20,987	21,000	6,000	1,100
54426 Recycled Water Purchase	23,134	65,800	59,000	63,000
	\$ 3,295,972	\$ 3,993,400	\$ 3,429,200	\$ 4,153,400

+ Transferred to Administration Department in FY 2009/10.

Water Treatment Operations
FY 2010/11 Budget - Comparison Data

0011400000 WATER TREATMENT OPERATIONS

	FY 2009/10 Budget	FY 2009/10 Estimated	FY 2010/11 Budget	Change from FY 2009/10 to FY 2010/11 Budget	%	Change from FY 2009/10 Budget to Estimated	%	(1)	(2)
<u>Salary and Benefits</u>									
51001 Salary	\$ 850,100	\$ 801,200	\$ 847,400	\$ (2,700)	0%	\$ (48,900)	-6%		
51007 Overtime	115,000	120,000	115,000	-	0%	5,000	4%		
51050 Burden and Benefits	513,100	426,600	449,200	(63,900)	-12%	(86,500)	-17%	A	D
<u>Materials and Supplies</u>									
52005 Safety Training and Equipment+	10,000	-	-	(10,000)	-100%	(10,000)	N/A		
52010 Supplies and Services	5,000	2,400	4,000	(1,000)	-20%	(2,600)	-52%		
51505 Employee Expense	-	500	500	500	N/A	500	N/A		
51515 Employee Travel	2,300	500	2,000	(300)	-13%	(1,800)	-78%		
52600 Chemicals	595,000	505,000	652,600	57,600	10%	(90,000)	-15%	B	E
<u>Outside Services</u>									
53101 Education/Seminars	5,500	2,000	5,000	(500)	-9%	(3,500)	-64%		
53104 Uniforms	4,000	3,200	3,200	(800)	-20%	(800)	-20%		
53105 Outside Service/Contracting	5,500	3,000	5,000	(500)	-9%	(2,500)	-45%		
53224 DOHS Large Water System Fee	60,000	54,300	60,000	-	0%	(5,700)	-10%		
<u>Utilities</u>									
54402 Electricity - Treatment Plants	350,000	300,000	350,000	-	0%	(50,000)	-14%		
54401 Electricity - Pumping	1,110,000	1,100,000	1,200,000	90,000	8%	(10,000)	-1%		
54403 Electricity - Other	51,500	45,000	51,000	(500)	-1%	(6,500)	-13%		
54404 Electricity - Wells	229,600	-	344,400	114,800	50%	(229,600)	-100%	C	F
54430 Telemetry	21,000	6,000	1,100	(19,900)	-95%	(15,000)	-71%		
54426 Recycled Water Purchase	65,800	59,000	63,000	(2,800)	-4%	(6,800)	-10%		
\$ 3,993,400	\$ 3,429,200	\$ 4,153,400	\$ 160,000	4%	\$ (564,200)	-14%			

*Changes of more than 10% and more than \$20,000.

+ Transferred to Administration Department in FY 2009/10.

(1) Changes from FY 2009/10 Budget to FY 2010/11 Budget, or more than 10% and \$20,000.

(2) Changes from FY 2009/10 Budget to FY 2009/10 Estimated, or more than 10% and \$20,000.

Water Treatment Operations

Significant changes are as follows:

FY 2010/11 Budget Compared to FY 2009/10 Budget

- A. Burden and Benefits. The budget decreases by \$63,900, or 12%, due to turnover.
- B. Chemicals. The budget increases by \$57,600, or 10%, due to fewer water deliveries than budgeted.
- C. Electricity – Wells. The budget increases by \$114,800, or 50%, due to the operations of Saugus 1 and 2 Wells.

FY 2009/10 Budget Compared to FY 2009/10 Estimated Expenditures

- D. Burden and Benefits. Estimated expenditures are 17% less than budgeted due to turnover.
- E. Chemicals. Estimated expenditures are 15% less than budgeted due to fewer water deliveries than budgeted.
- F. Electricity – Treatment Plants. Estimated expenditures are 14% less than budgeted due to fewer water deliveries than budgeted.
- G. Electricity – Wells. Estimated expenditures are 100% less than budgeted due to delays in operating Saugus 1 and 2 Wells.



**SCV Local Water Tour: Part 4 –
Rio Vista Water Treatment Plant
Expansion**

Operations and Maintenance Superintendent Gary Haggin (top) and Principal Engineer Jason Yim (center) talked about the RWWTP expansion. Gary also gave a tour of the pilot plant (bottom) located inside the clarifier/filter building.



**Burden and Benefits
FY 2010/11**

Financial Highlights

FY 2008/09 <u>Actual</u>	FY 2009/10 <u>Budget</u>	FY 2009/10 <u>Estimated</u>	FY 2010/11 <u>Budget</u>
\$2,328,329	\$3,062,400	\$2,595,500	\$2,819,900

The total decrease in Burden and Benefits is 8%, or \$242,500. This is due to a decrease in the OPEB – Retiree Medical Insurance rate from 19.1% to 12% of salaries based on a new actuarial study. The majority of this decrease is due to staff vacancies.

Details of Burden and Benefits Expenditures
FY 2010/11 Budget

51050 BURDEN AND BENEFITS/DISTRIBUTION

	FY 2008/09 Actual	FY 2009/10 Budget	FY 2009/10 Estimated	FY 2010/11 Budget
51051 Employee Assistance Program	\$ 2,202	\$ 2,500	\$ 2,400	\$ 2,500
51052 In-Lieu Sick Salary	19,538	15,700	28,100	28,500
51053 In-Lieu Medical Insurance	207,949	233,200	214,200	234,800
51054 Deferred Compensation	117,559	161,600	115,900	164,700
51055 PERS Retirement	818,907	903,000	826,900	917,100
51056 Medical Insurance	407,120	470,900	393,200	488,900
51057 Dental Insurance	77,686	89,000	83,100	89,400
51058 Life Insurance	10,857	13,100	12,100	14,800
51059 Vision Insurance	10,824	11,800	11,600	11,700
51060 Long Term Disability	56,861	59,200	59,100	60,000
51061 Medicare Tax	72,524	74,500	74,700	75,600
51062 Workers Compensation Insurance	91,740	101,300	94,800	130,600
51064 Vehicle Allowance	23,184	23,800	21,500	21,600
51080 OPEB - Retiree Medical Insurance	411,378	902,800	657,900	579,700
Total	\$ 2,328,329	\$ 3,062,400	\$ 2,595,500	\$ 2,819,900
Water Treatment Operations Benefits	\$ (394,656)	\$ (513,100)	\$ (426,600)	\$ (449,200)
Water Resources Benefits	(166,037)	(257,200)	(179,400)	(256,800)
Water Quality Compliance Benefits	(244,221)	(324,300)	(278,900)	(303,800)
Maintenance Benefits	(487,443)	(754,300)	(525,900)	(683,100)
Engineering Benefits	(224,875)	(193,900)	(231,400)	(174,800)
Administration Benefits	(664,315)	(845,400)	(789,800)	(790,500)
Management Benefits	(146,782)	(174,200)	(163,500)	(161,700)
Total	\$ (2,328,329)	\$ (3,062,400)	\$ (2,595,500)	\$ (2,819,900)

Burden and Benefits
FY 2010/11 Budget - Comparison Data

51050 BURDEN AND BENEFITS/DISTRIBUTION

	FY 2009/10 Budget	FY 2009/10 Estimated	FY 2010/11 Budget	Change from FY 2009/10 to FY 2010/11		Change from FY 2009/10 Budget to Estimated		(1)	(2)
				Budget	%	Estimated	%		
51051 Employee Assistance Program	\$ 2,500	\$ 2,400	\$ 2,500	\$ -	0%	\$ (100)	-4%		
51052 In-Lieu Sick Salary	15,700	28,100	28,500	12,800	82%	12,400	79%		
51053 In-Lieu Medical Insurance	233,200	214,200	234,800	1,600	1%	(19,000)	-8%		
51054 Deferred Compensation	161,600	115,900	164,700	3,100	2%	(45,700)	-28%		C
51055 PERS Retirement	903,000	826,900	917,100	14,100	2%	(76,100)	-8%		
51056 Medical Insurance	470,900	393,200	488,900	18,000	4%	(77,700)	-17%		D
51057 Dental Insurance	89,000	83,100	89,400	400	0%	(5,900)	-7%		
51058 Life Insurance	13,100	12,100	14,800	1,700	13%	(1,000)	-8%		
51059 Vision Insurance	11,800	11,600	11,700	(100)	-1%	(200)	-2%		
51060 Long Term Disability	59,200	59,100	60,000	800	1%	(100)	0%		
51061 Medicare Tax	74,500	74,700	75,600	1,100	1%	200	0%		
51062 Workers Compensation Insurance	101,300	94,800	130,600	29,300	29%	(6,500)	-6%	A	
51064 Vehicle Allowance	23,800	21,500	21,600	(2,200)	-9%	(2,300)	-10%		
51080 OPEB - Retiree Medical Insurance	902,800	657,900	579,700	(323,100)	-36%	(244,900)	-27%	B	E
Total	\$ 3,062,400	\$ 2,595,500	\$ 2,819,900	\$ (242,500)	-8%	\$ (466,900)	-15%		
Water Treatment Operations Benefits	\$ (513,100)	\$ (426,600)	\$ (449,200)	\$ 63,900	-12%	\$ 86,500	-17%		
Water Resources Benefits	(257,200)	(179,400)	(256,800)	400	0%	77,800	-30%		
Water Quality Compliance Benefits	(324,300)	(278,900)	(303,800)	20,500	-6%	45,400	-14%		
Maintenance Benefits	(754,300)	(525,900)	(683,100)	71,200	-9%	228,400	-30%		
Engineering Benefits	(193,900)	(231,400)	(174,800)	19,100	-10%	(37,500)	19%		
Administration Benefits	(845,400)	(789,800)	(790,500)	54,900	-6%	55,600	-7%		
Management Benefits	(174,200)	(163,500)	(161,700)	12,500	-7%	10,700	-6%		
Total	\$ (3,062,400)	\$ (2,595,500)	\$ (2,819,900)	\$ 242,500	-8%	\$ 466,900	-15%		

(1) Changes from FY 2009/10 Budget to FY 2010/11 Budget, or more than 10% and \$20,000.

(2) Changes from FY 2009/10 Budget to FY 2009/10 Estimated, or more than 10% and \$20,000.

**Burden and Benefits
FY 2010/11**

Significant items include:

FY 2010/11 Budget Compared to FY 2009/10 Budget

- A. Workers Compensation Insurance. The budget increases by 29% due to an increased experience modifier.
- B. OPEB – Retiree Medical Insurance. The budget assumes a 36% decrease based on an updated actuarial study.

FY 2009/10 Budget Compared to FY 2009/10 Estimated Expenditures

- C. Deferred Compensation. Estimated expenditures are 28% less than budgeted due to staff vacancies.
- D. Medical Insurance. Estimated expenditures are 17% less than budgeted due to staff vacancies.
- E. OPEB – Retiree Medical Insurance. Estimated expenditures are 27% less than budgeted based on an updated actuarial study.