

# **CRESCENTA VALLEY WATER DISTRICT**

**2700 Foothill Boulevard  
La Crescenta, California**

**Agenda For the  
Special Meeting of the Board of Directors  
Of the Crescenta Valley Water District  
To be held on Tuesday, June 30, 2015 at 7:00 p.m.**

**Posted: June 26, 2015 at 3:00 p.m.**

## **Call to Order and Determination of Quorum**

## **Pledge of Allegiance**

## **Adoption of Agenda**

## **Action Calendar**

The public shall have an opportunity to comment on any action item as each item is considered by the Board prior to action being taken. This opportunity is non-transferable and speakers are limited to one two (2) minute comment.

1. **Adoption of Fiscal Year 2015-16 Water Budget** - Consideration and motion to adopt the fiscal year 2015-16 Water budget.
2. **Resolution No. 725** – Consideration and motion to adopt Resolution No. 725 revising Appendix E of the District’s Rules and Regulations related to Rates and Charges for Water services.
3. **Adoption of Fiscal Year 2015-16 Wastewater Budget** - Consideration and motion to adopt the fiscal year 2015-16 Wastewater budget.
4. **Resolution No. 726** – Consideration and motion to adopt Resolution No. 717 revising Appendix H of the District’s Rules and Regulations related to Rates and Charges for Wastewater services.

## **Board Members Request for Future Agenda Items**

## **Adjournment**

## Table Water Budget WB - 1 Projected Water Customers - FY 15/16 - Final

Water Meter Size	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
3/4 inch	6,953	6,956	6,945	6,948	6,951	6,954	6,957	6,960
1 inch	807	810	820	823	826	829	832	835
1-1/2 inch	142	143	143	144	145	146	147	148
2 inch	64	65	66	67	68	69	70	71
3 inch	24	24	27	27	27	27	27	27
4 inch	2	2	2	2	2	2	2	2
6 inch	0	0	0	0	0	0	0	0
8 inch	0	0	0	0	0	0	0	0
10 inch	0	0	0	0	0	0	0	0
Total water services	7,992	8,000	8,003	8,011	8,019	8,027	8,035	8,043
Projected No. of Account Annual Increase	27	8	11	8	8	8	8	8
Projected Percent of Account Annual Increase	0.34%	0.10%	0.14%	0.10%	0.10%	0.10%	0.10%	0.10%

## Table Water Budget - WB-2 Water Production and Costs - FY 15/16 - Final

Description	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Well Production (Verdugo Basin)	2,372	2,600	2,177	2,190	2,580	2,700	2,960	3,170
Well Production (GWP) <sup>(5)</sup>	0	0	0	410	540	495	420	465
Foothill MWD Purchases <sup>(4)</sup>	2,410	1,900	1,928	1,245	1,080	1,105	1,020	865
<b>Total Production</b> <sup>(1)(2)</sup>	<b>4,782</b>	<b>4,500</b>	<b>4,105</b>	<b>3,845</b>	<b>4,200</b>	<b>4,300</b>	<b>4,400</b>	<b>4,500</b>
Shrinkage (percent) <sup>(3)</sup>	8%	8%	8%	8%	8%	8%	8%	8%
Less Shrinkage (ac-ft)	383	360	328	308	336	344	352	360
<b>Total billable consumption (sales)</b>	<b>4,399</b>	<b>4,140</b>	<b>3,777</b>	<b>3,537</b>	<b>3,864</b>	<b>3,956</b>	<b>4,048</b>	<b>4,140</b>
FMWD Purchased Water	2,410	1,900	1,928	1,245	1,080	1,105	1,020	865
FMWD Unit Charge (\$/ac-ft)	\$ 1,308	\$ 1,430	\$ 1,442	\$ 1,681	\$ 1,847	\$ 1,899	\$ 2,041	\$ 2,342
<b>FMWD Cost</b>	<b>\$ 3,151,636</b>	<b>\$2,716,750</b>	<b>\$2,779,700</b>	<b>\$2,092,600</b>	<b>\$1,994,900</b>	<b>\$2,098,600</b>	<b>\$2,082,200</b>	<b>\$2,025,700</b>
Cost Increase/Decrease from FMWD Unit Charge	\$ (104)	\$ 122	\$ 134	\$ 239	\$ 166	\$ 52	\$ 142	\$ 300
Percent FMWD Cost Increase/Decrease	41.10%	-13.80%	-11.80%	-24.72%	-4.67%	5.20%	-0.78%	-2.71%
Well Production (GWP)				410	540	515	450	465
GWP Unit Charge (\$/ac-ft) <sup>(6)</sup>				\$ 450	\$ 450	\$ 450	\$ 450	\$ 450
<b>GWP Cost</b>				<b>\$184,500</b>	<b>\$243,000</b>	<b>\$231,750</b>	<b>\$202,500</b>	<b>\$209,250</b>

**Notes:**

1. All quantities are in acre-feet (ac-ft).
2. Projected Total Production for FY 15/16 at 3,850 ac-ft due to Governor's order to reduce demand
3. Shrinkage (water loss) anticipated to be 8% as part of the continuation of the water meter replacement program
4. FMWD Cost based on FMWD's Final Budget for FY 15/16
5. GWP (Well 16) assumed to be in production in 10/2015
6. GWP cost per ac-ft based on 5-yr average cost per ac-ft of \$450/ac-ft

## Water Budget Table WB-3 Sources of Water Funds - FY 15/16 - Final

Description	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
<b>Sources of Funds - Variable Sources</b>								
Water Sales - Consumers	\$ 7,463,415	\$ 7,607,000	\$ 6,681,000	\$ 7,030,000	\$ 8,308,000	\$ 9,138,000	\$ 9,798,000	\$ 10,021,000
<i>Water Sales - CVWD</i>	\$ 4,843,462	\$ 4,869,000	\$ 4,219,000	\$ 7,030,000	\$ 8,308,000	\$ 9,138,000	\$ 9,798,000	\$ 10,021,000
<i>Water Sale - FMWD</i>	\$ 2,619,953	\$ 2,738,000	\$ 2,462,000	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Earned - Water	\$ 125,914	\$ 75,000	\$ 114,000	\$ 100,000	\$ 102,000	\$ 104,000	\$ 106,000	\$ 108,000
Gain/Loss on Sale of Investments	\$ 47,243	\$ -	\$ 109,000	\$ -	\$ -	\$ -	\$ -	\$ -
Fair Value Adjustment	\$ 202,439	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Earned - MTBE Reserve Fund	\$ 46,780	\$ 139,000	\$ 70,000	\$ 125,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
<b>Subtotal variable sources</b>	<b>\$ 7,885,791</b>	<b>\$ 7,821,000</b>	<b>\$ 6,974,000</b>	<b>\$ 7,255,000</b>	<b>\$ 8,485,000</b>	<b>\$ 9,979,000</b>	<b>\$ 9,979,000</b>	<b>\$ 10,204,000</b>
<b>Sources of Funds - Stable Sources</b>								
Water Sales - Service Charge	\$ 1,731,323	\$ 1,830,000	\$ 1,829,000	\$ 1,984,000	\$ 2,149,000	\$ 2,311,000	\$ 2,425,000	\$ 2,428,000
Fire Service Meter Charge	\$ 31,667	\$ 34,000	\$ 33,000	\$ 35,000	\$ 40,000	\$ 43,000	\$ 46,000	\$ 46,000
Late Fees/Fire Hydrant Flow/Backflow Tests	\$ 70,271	\$ 75,000	\$ 77,000	\$ 70,000	\$ 73,000	\$ 76,000	\$ 79,000	\$ 82,000
Rental Property Income	\$ 21,573	\$ 22,500	\$ 23,000	\$ 22,500	\$ 22,500	\$ 22,500	\$ 22,500	\$ 26,000
Sundry Income		\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 1,000
<b>Subtotal - Stable Sources</b>	<b>\$ 1,854,834</b>	<b>\$ 1,968,000</b>	<b>\$ 1,968,500</b>	<b>\$ 2,119,000</b>	<b>\$ 2,293,000</b>	<b>\$ 2,462,000</b>	<b>\$ 2,583,000</b>	<b>\$ 2,594,000</b>
<b>Sources of Funds - CIP Sources</b>								
Water Systems Connect Fee	\$ 62,660	\$ 55,000	\$ 33,000	\$ 39,800	\$ 45,000	\$ 50,000	\$ 55,000	\$ 60,000
Meter Installation/Hydrant Charges	\$ 24,883	\$ 40,000	\$ 30,000	\$ 50,000	\$ 60,000	\$ 60,000	\$ 70,000	\$ 80,000
Other Income - Water/Grants	\$ 78,772	\$ -	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -
Gain/Loss on Sale of Assets	\$ 4,360	\$ -	\$ 43,000	\$ -				
Interest Earned - COP Bonds (not included in subtotal or total)	\$ 223	\$ -	\$ 167	\$ 200	\$ 200	\$ -	\$ -	\$ -
<b>Subtotal CIP Sources</b>	<b>\$ 170,898</b>	<b>\$ 95,000</b>	<b>\$ 139,167</b>	<b>\$ 90,000</b>	<b>\$ 105,200</b>	<b>\$ 110,000</b>	<b>\$ 125,000</b>	<b>\$ 140,000</b>
<b>TOTAL SOURCE OF FUNDS</b>	<b>\$ 9,911,523</b>	<b>\$ 9,884,000</b>	<b>\$ 9,081,667</b>	<b>\$ 9,464,000</b>	<b>\$ 10,883,200</b>	<b>\$ 12,551,000</b>	<b>\$ 12,687,000</b>	<b>\$ 12,938,000</b>

## Water Budget Table WB-4 - Summary of Water O & M Expenses - FY 15/16 - Final

Description	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
<b>EXPENSE</b>								
<b>COMPENSATION AND BENEFITS</b>								
Director Fees	\$ 8,370	\$ 8,000	\$ 9,200	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
<b>Compensation</b>								
Officer Salaries	\$ 144,628	\$ 153,000	\$ 150,000	\$ 164,500	\$ 171,500	\$ 177,500	\$ 184,500	\$ 191,500
Administrative Services Labor	\$ 312,017	\$ 358,000	\$ 331,000	\$ 360,000	\$ 339,000	\$ 347,000	\$ 354,000	\$ 360,000
Administrative Services Labor - OT	\$ 6,127	\$ 8,000	\$ 3,300	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Engineering Department Labor	\$ 301,033	\$ 427,000	\$ 296,000	\$ 436,000	\$ 440,000	\$ 448,000	\$ 453,000	\$ 457,000
Engineering Department Labor-OT	\$ 2,164	\$ 3,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Plant - Office Labor	\$ 219,552	\$ 235,000	\$ 208,000	\$ 236,000	\$ 241,000	\$ 243,000	\$ 245,000	\$ 248,000
Plant - Office Labor-OT	\$ 466	\$ -	\$ 400	\$ 400	\$ 400	\$ 400	\$ 400	\$ 400
System Operators Labor	\$ 295,911	\$ 322,000	\$ 279,000	\$ 324,000	\$ 327,000	\$ 330,000	\$ 333,000	\$ 337,000
System Operators Labor-OT	\$ 24,712	\$ 21,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 28,000	\$ 28,000
Utility Workers Labor	\$ 294,955	\$ 385,000	\$ 326,000	\$ 372,000	\$ 381,000	\$ 390,000	\$ 399,000	\$ 406,000
Utility Workers Labor-OT	\$ 42,065	\$ 29,000	\$ 52,000	\$ 45,000	\$ 46,000	\$ 47,000	\$ 48,000	\$ 49,000
Standby Pay	\$ 42,002	\$ 46,000	\$ 41,200	\$ 41,000	\$ 42,000	\$ 42,000	\$ 42,000	\$ 42,000
Auto Allowance	\$ 8,700	\$ 9,000	\$ 9,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Labor Transfer to Capital	\$ (128,358)	\$ (150,000)	\$ -	\$ (150,000)	\$ (150,000)	\$ (150,000)	\$ (150,000)	\$ (150,000)
<b>Compensation Total</b>	<b>\$ 1,702,702</b>	<b>\$ 1,854,000</b>	<b>\$ 1,734,100</b>	<b>\$ 1,878,900</b>	<b>\$ 1,887,900</b>	<b>\$ 1,924,900</b>	<b>\$ 1,959,900</b>	<b>\$ 1,991,900</b>
Sick and Vacation - Office	\$ 67,986	\$ 132,000	\$ 132,000	\$ 107,000	\$ 106,000	\$ 108,000	\$ 109,000	\$ 110,000
Sick and Vacation - Plant	\$ 45,324	\$ 88,000	\$ 88,000	\$ 71,000	\$ 71,000	\$ 72,000	\$ 73,000	\$ 73,000
Taxes - Payroll (Total Employees)	\$ 126,904	\$ 133,000	\$ 130,000	\$ 136,000	\$ 138,000	\$ 140,000	\$ 142,000	\$ 144,000
PERS Retirement (Total Employees)	\$ 264,073	\$ 290,000	\$ 247,000	\$ 291,000	\$ 312,000	\$ 329,000	\$ 347,000	\$ 365,000
Workers' Compensation - Office	\$ 14,131	\$ 14,000	\$ 13,500	\$ 16,000	\$ 16,000	\$ 16,000	\$ 14,000	\$ 12,000
Workers' Compensation - Plant	\$ 58,439	\$ 62,000	\$ 57,000	\$ 74,000	\$ 74,000	\$ 75,000	\$ 67,000	\$ 58,000
Health and Dental and Vision - Office	\$ 124,616	\$ 131,000	\$ 135,000	\$ 137,000	\$ 140,000	\$ 143,000	\$ 145,000	\$ 148,000
Life & Disability Insurance - Office & Plant	\$ 8,374	\$ 9,000	\$ 8,700	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Health and Dental and Vision - Plant	\$ 132,108	\$ 143,000	\$ 140,000	\$ 152,000	\$ 155,000	\$ 158,000	\$ 161,000	\$ 165,000
Self Insurance	\$ 11,286	\$ 13,000	\$ 10,000	\$ 13,000	\$ 13,000	\$ 13,000	\$ 15,000	\$ 15,000
Retiree - Health Care Expense	\$ 86,345	\$ 92,000	\$ 80,000	\$ 79,000	\$ 81,000	\$ 83,000	\$ 85,000	\$ 87,000
<b>Benefits Total</b>	<b>\$ 939,586</b>	<b>\$ 1,107,000</b>	<b>\$ 1,041,200</b>	<b>\$ 1,086,000</b>	<b>\$ 1,116,000</b>	<b>\$ 1,147,000</b>	<b>\$ 1,168,000</b>	<b>\$ 1,187,000</b>
<b>TOTAL COMPENSATION AND BENEFITS</b>	<b>\$ 2,642,288</b>	<b>\$ 2,961,000</b>	<b>\$ 2,775,300</b>	<b>\$ 2,964,900</b>	<b>\$ 3,003,900</b>	<b>\$ 3,071,900</b>	<b>\$ 3,127,900</b>	<b>\$ 3,178,900</b>

## Water Budget Table WB-4 - Summary of Water O & M Expenses - FY 15/16 - Final

Description	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
<b>PLANT - WATER OPERATION</b>								
Taxes - Property	\$ 12,030	\$ 12,000	\$ 12,300	\$ 12,800	\$ 13,300	\$ 13,800	\$ 14,300	\$ 14,800
Glenwood - Plant Maintenance	\$ 10,417	\$ 25,000	\$ 38,000	\$ 25,000	\$ 26,000	\$ 26,000	\$ 26,000	\$ 26,000
Glenwood - Landscape	\$ 4,716	\$ 7,000	\$ 5,700	\$ 7,500	\$ 7,500	\$ 8,000	\$ 8,500	\$ 9,000
Office Supplies & Misc Expenses - Plant	\$ 8,880	\$ 6,000	\$ 8,500	\$ 6,000	\$ 7,000	\$ 7,500	\$ 8,000	\$ 8,000
Glenwood - Utilities	\$ 16,329	\$ 15,000	\$ 18,000	\$ 14,000	\$ 16,000	\$ 17,000	\$ 18,000	\$ 19,000
Glenwood - Voice Communications	\$ 37,923	\$ 32,000	\$ 39,000	\$ 6,350	\$ 7,350	\$ 8,350	\$ 9,350	\$ 10,350
Glenwood - Data Communications	\$ -	\$ -	\$ -	\$ 18,350	\$ 19,350	\$ 20,350	\$ 21,350	\$ 22,350
Glenwood - Wireless Voice & Data Communications	\$ 8,159	\$ 9,000	\$ 12,000	\$ 12,500	\$ 13,000	\$ 13,500	\$ 14,500	\$ 15,500
Training - Plant	\$ 7,010	\$ 8,000	\$ 6,700	\$ 7,000	\$ 7,500	\$ 8,000	\$ 8,500	\$ 9,000
Education Reimbursement/Certifications	\$ 5,675	\$ 4,000	\$ 3,500	\$ 4,000	\$ 4,000	\$ 4,000	\$ 5,000	\$ 5,000
Glenwood - Safety and Security System	\$ 25,889	\$ 18,000	\$ 16,200	\$ 17,000	\$ 17,500	\$ 18,000	\$ 18,500	\$ 19,000
Glenwood - Uniforms	\$ 9,700	\$ 9,000	\$ 9,600	\$ 8,500	\$ 9,000	\$ 9,500	\$ 10,000	\$ 10,500
Permit & Assessment Fees	\$ 1,198	\$ 2,000	\$ 1,500	\$ 1,500	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Tools and Equipment Maintenance	\$ 12,008	\$ 22,000	\$ 15,500	\$ 20,000	\$ 21,000	\$ 22,000	\$ 23,000	\$ 24,000
Nitrate Plant Maintenance	\$ 39,189	\$ 75,000	\$ 50,000	\$ 80,000	\$ 85,000	\$ 90,000	\$ 95,000	\$ 99,000
SCADA - Telemetry & Signal	\$ 8,241	\$ 12,000	\$ 8,500	\$ 13,500	\$ 15,000	\$ 16,500	\$ 17,500	\$ 18,500
SCADA Hardware	\$ 2,861	\$ 6,000	\$ 13,500	\$ 6,000	\$ 9,000	\$ 10,500	\$ 11,500	\$ 12,500
SCADA Software	\$ 204	\$ 11,000	\$ 5,000	\$ 12,000	\$ 13,000	\$ 14,000	\$ 15,000	\$ 16,000
SCADA - Communications	\$ 1,593	\$ 5,000	\$ 1,500	\$ 3,500	\$ 3,500	\$ 4,000	\$ 4,000	\$ 4,000
Lab & Sampling	\$ 52,308	\$ 70,000	\$ 92,000	\$ 65,000	\$ 67,000	\$ 69,000	\$ 71,000	\$ 73,000
Chlorine & Treatment	\$ 61,361	\$ 70,000	\$ 80,000	\$ 75,000	\$ 77,000	\$ 79,000	\$ 81,000	\$ 83,000
<b>TOTAL PLANT WATER OPERATION</b>	<b>\$ 325,691</b>	<b>\$ 418,000</b>	<b>\$ 437,000</b>	<b>\$ 415,500</b>	<b>\$ 440,000</b>	<b>\$ 461,000</b>	<b>\$ 482,000</b>	<b>\$ 500,500</b>

## Water Budget Table WB-4 - Summary of Water O & M Expenses - FY 15/16 - Final

Description	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
<b>DISTRIBUTION SYSTEM EXPENSES</b>								
<b>Backflow Expense</b>	\$ 389	\$ 1,000	\$ 250	\$ 250	\$ 250	\$ 500	\$ 500	\$ 500
<b>Pipelines - Maintenance</b>	\$ 18,930	\$ 50,000	\$ 59,000	\$ 50,000	\$ 51,000	\$ 52,000	\$ 53,000	\$ 54,000
<i>Pipelines - Paving</i>	\$ 12,908	\$ 15,000	\$ 16,000	\$ 17,000	\$ 18,000	\$ 19,000	\$ 20,000	\$ 21,000
<i>Pipelines - Fire Hydrant &amp; Fire Service Repair/Replace</i>	\$ 547	\$ 25,000	\$ 10,000	\$ 12,000	\$ 13,000	\$ 14,000	\$ 15,000	\$ 16,000
<i>Pipelines - Leak Detection/Leak Repair</i>	\$ 330	\$ 25,000	\$ 1,000	\$ 3,000	\$ 25,000	\$ 5,000	\$ 25,000	\$ 5,000
<i>Pipelines - Trench Plate Rentals</i>	\$ 1,229	\$ 1,000	\$ 3,200	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
<i>Pipelines - Water Sampling Stations</i>	\$ 669	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
<i>Pipelines - Valves</i>	\$ -	\$ 15,000	\$ 2,000	\$ 3,000	\$ 4,000	\$ 5,000	\$ 6,000	\$ 7,000
<b>Reservoir - Maintenance</b>	\$ 30,917	\$ 75,000	\$ 150,000	\$ 80,000	\$ 83,000	\$ 86,000	\$ 89,000	\$ 92,000
<i>Reservoir - Landscape</i>	\$ 19,855	\$ 25,000	\$ 15,000	\$ 22,000	\$ 23,000	\$ 24,000	\$ 25,000	\$ 26,000
<b>Meters - Maintenance</b>	\$ 328,235	\$ 275,000	\$ 250,000	\$ 275,000	\$ 215,000	\$ 215,000	\$ 216,000	\$ 217,000
<i>Meters - Paving</i>	\$ 337,413	\$ 250,000	\$ 174,000	\$ 275,000	\$ 250,000	\$ 250,000	\$ 255,000	\$ 260,000
<i>Meters - Repair/Replacement/Upgrade</i>	\$ 4,948	\$ 20,000	\$ 2,000	\$ 15,000	\$ 16,000	\$ 16,000	\$ 17,000	\$ 18,000
<i>Meters - Lateral Leaks</i>	\$ 90,443	\$ 150,000	\$ 60,000	\$ 150,000	\$ 75,000	\$ 75,000	\$ 76,000	\$ 77,000
<i>Meters - Trench Plate Rentals</i>	\$ 6,475	\$ 2,000	\$ 4,000	\$ 2,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
<i>Meters - D-jobs</i>	\$ 9,710	\$ 7,500	\$ 100,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 9,000	\$ 9,000
<b>Wells - Maintenance</b>	\$ 27,331	\$ 30,000	\$ 44,000	\$ 32,000	\$ 33,000	\$ 34,000	\$ 37,000	\$ 40,000
<i>Wells - Landscape</i>	\$ 7,581	\$ 10,000	\$ 3,400	\$ 3,500	\$ 4,000	\$ 4,500	\$ 5,000	\$ 5,500
<i>Wells - Rent</i>	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300
<b>Booster Pump - Maintenance</b>	\$ 58,700	\$ 65,000	\$ 20,000	\$ 60,000	\$ 65,000	\$ 70,000	\$ 75,000	\$ 80,000
<b>Emergency Generators</b>	\$ 11,712	\$ 13,000	\$ 22,000	\$ 22,000	\$ 22,500	\$ 23,000	\$ 23,500	\$ 24,000
<b>Auto/Truck - Maintenance</b>	\$ 76,727	\$ 50,000	\$ 80,000	\$ 50,000	\$ 52,000	\$ 54,000	\$ 56,000	\$ 58,000
<i>Auto/Truck - Gas</i>	\$ 25,875	\$ 27,000	\$ 17,000	\$ 17,500	\$ 20,000	\$ 20,500	\$ 21,000	\$ 21,500
<i>Auto/Truck - Diesel</i>	\$ 17,042	\$ 17,500	\$ 17,000	\$ 17,500	\$ 18,000	\$ 18,500	\$ 19,000	\$ 19,500
<b>TOTAL DISTRIBUTION SYSTEM EXPENSES</b>	<b>\$ 1,112,362</b>	<b>\$ 1,149,800</b>	<b>\$ 1,050,650</b>	<b>\$ 1,117,050</b>	<b>\$ 999,050</b>	<b>\$ 997,300</b>	<b>\$ 1,046,300</b>	<b>\$ 1,054,300</b>



## Water Budget Table WB-4 - Summary of Water O & M Expenses - FY 15/16 - Final

Description	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
<b>GENERAL AND ADMINISTRATIVE EXPENSES</b>								
General Liability Insurance	\$ 46,256	\$ 53,000	\$ 45,000	\$ 53,000	\$ 56,000	\$ 59,000	\$ 62,000	\$ 65,000
Accounting - Audit	\$ 15,079	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000	\$ 14,500	\$ 15,000	\$ 15,500
Legal Consulting Fees	\$ 42,935	\$ 42,000	\$ 83,000	\$ 45,000	\$ 47,000	\$ 49,000	\$ 51,000	\$ 53,000
Administrative Consultants	\$ 34,711	\$ 120,000	\$ 150,000	\$ 120,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000
Election Expense	\$ 36,751	\$ -	\$ -	\$ 40,000	\$ -	\$ 45,000	\$ -	\$ 45,000
Office Maintenance	\$ 10,135	\$ 10,000	\$ 8,900	\$ 12,000	\$ 12,000	\$ 12,000	\$ 13,000	\$ 14,000
Landscape Maintenance - Office	\$ 5,129	\$ 5,500	\$ 7,000	\$ 7,500	\$ 8,000	\$ 8,500	\$ 9,000	\$ 9,500
Office Supplies & Misc Expenses - Office	\$ 5,459	\$ 5,500	\$ 4,300	\$ 5,500	\$ 5,500	\$ 6,000	\$ 6,000	\$ 6,000
Computer Hardware	\$ 21,660	\$ 26,000	\$ 26,000	\$ 27,000	\$ 28,000	\$ 30,000	\$ 31,000	\$ 32,000
Computer Software	\$ 18,067	\$ 40,000	\$ 38,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 41,000	\$ 42,000
Computer Software Maintenance/Licenses	\$ 17,551	\$ 20,000	\$ 22,000	\$ 20,000	\$ 21,000	\$ 22,000	\$ 23,000	\$ 24,000
Utilities - Office	\$ 17,698	\$ 19,000	\$ 20,000	\$ 20,000	\$ 21,000	\$ 21,000	\$ 21,500	\$ 22,000
Office - Voice Communications	\$ 24,475	\$ 27,000	\$ 25,000	\$ 6,400	\$ 7,500	\$ 8,500	\$ 9,500	\$ 10,500
Office - Data Communications	\$ -	\$ -	\$ -	\$ 16,500	\$ 17,500	\$ 18,500	\$ 19,500	\$ 20,500
Mills - Data Communications	\$ -	\$ -	\$ -	\$ 13,900	\$ 15,000	\$ 16,000	\$ 17,000	\$ 18,000
Office - Wireless Voice & Data Communications	\$ 15,078	\$ 16,500	\$ 7,000	\$ 17,000	\$ 17,500	\$ 18,000	\$ 18,500	\$ 19,000
Printing, Postage, Stationery, Copier Maint.	\$ 41,638	\$ 38,000	\$ 37,000	\$ 37,000	\$ 37,500	\$ 38,000	\$ 38,500	\$ 39,500
Uncollectible Accounts-Water	\$ 9,190	\$ 3,000	\$ 5,300	\$ 3,000	\$ 3,500	\$ 3,500	\$ 4,000	\$ 4,000
Water System Fees (DHS, RWQCB, LAFCO, Misc)	\$ 47,454	\$ 80,000	\$ 40,000	\$ 60,000	\$ 61,000	\$ 62,000	\$ 63,000	\$ 64,000
Engineering Department	\$ 10,511	\$ 15,000	\$ 8,900	\$ 9,900	\$ 11,000	\$ 12,000	\$ 13,000	\$ 14,000
Water Conservation	\$ 31,208	\$ 60,000	\$ 35,000	\$ 45,000	\$ 46,000	\$ 47,000	\$ 48,000	\$ 49,000
<i>Pipeline/Advertising - Water Conservation</i>	\$ -	\$ 5,000	\$ 1,500	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
<i>Turf Rebates - Water Conservation</i>	\$ 51,061	\$ 110,000	\$ 110,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000
<i>Washer &amp; Toilet Rebates - Water Conservation</i>	\$ 50	\$ 15,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
<i>Community Outreach</i>	\$ -	\$ 15,000	\$ 1,500	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
Training - Office	\$ 5,931	\$ 12,000	\$ 4,000	\$ 3,000	\$ 3,500	\$ 4,000	\$ 4,500	\$ 5,000
Conferences and Seminars - Office	\$ 10,260	\$ 12,000	\$ 9,000	\$ 10,000	\$ 11,000	\$ 12,000	\$ 13,000	\$ 14,000
Board of Directors - Conferences and Seminars	\$ 3,216	\$ 2,000	\$ 2,300	\$ 2,300	\$ 2,000	\$ 2,000	\$ 2,200	\$ 2,400
Misc Administration - Office	\$ 2,598	\$ 5,000	\$ 20,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 6,000
Board of Directors - Misc Administration	\$ 1,286	\$ 1,500	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Membership Renewals/Subscriptions	\$ 23,501	\$ 25,000	\$ 25,000	\$ 26,000	\$ 27,000	\$ 28,000	\$ 29,000	\$ 30,000
Bank Charges	\$ 12,818	\$ 12,000	\$ 15,000	\$ 15,500	\$ 16,000	\$ 16,500	\$ 17,000	\$ 17,500
Rental Property	\$ -	\$ 3,000	\$ 3,000	\$ 3,100	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500
<b>TOTAL GENERAL AND ADMINISTRATIVE EXPENSES</b>	<b>\$ 561,706</b>	<b>\$ 736,000</b>	<b>\$ 773,700</b>	<b>\$ 735,600</b>	<b>\$ 725,000</b>	<b>\$ 790,500</b>	<b>\$ 766,700</b>	<b>\$ 833,900</b>
<i>Emergency Operations</i>	\$ -	\$ 3,000	\$ -	\$ 2,000	\$ 3,000	\$ 4,000	\$ 5,000	\$ 5,000
<b>FIRE &amp; DEBRIS RECOVERY</b>	<b>\$ -</b>	<b>\$ 3,000</b>	<b>\$ -</b>	<b>\$ 2,000</b>	<b>\$ 3,000</b>	<b>\$ 4,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>
<b>TOTAL EXPENSE</b>	<b>\$ 4,642,047</b>	<b>\$ 5,267,800</b>	<b>\$ 5,036,650</b>	<b>\$ 5,235,050</b>	<b>\$ 5,170,950</b>	<b>\$ 5,324,700</b>	<b>\$ 5,427,900</b>	<b>\$ 5,572,600</b>
<b>Total O &amp; M Expense (w/o Labor &amp; Benefits)</b>	<b>\$ 1,999,759</b>	<b>\$ 2,306,800</b>	<b>\$ 2,261,350</b>	<b>\$ 2,270,150</b>	<b>\$ 2,167,050</b>	<b>\$ 2,252,800</b>	<b>\$ 2,300,000</b>	<b>\$ 2,393,700</b>



## Water Budget Table WB-5 Water - Purchase Water & Power - FY 15/16 - Final

Description	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Purchased Water - FWMD (ac-ft)	1,308	1,900	1,928	1,245	1,080	1,105	1,020	865
Projected FMWD Cost	\$ 3,150,800	\$ 2,732,149	\$ 2,779,700	\$ 2,092,600	\$ 1,994,900	\$ 2,098,600	\$ 2,082,200	\$ 2,025,700
Purchased Water - GWP (ac-ft)	0	0	0	410	540	515	450	465
Projected GWP Cost	\$ -	\$ -	\$ -	\$ 184,500	\$ 243,000	\$ 231,750	\$ 202,500	\$ 209,250
Purchased Power Cost	\$ 658,340	\$ 678,000	\$ 693,800	\$ 715,000	\$ 736,000	\$ 758,000	\$ 781,000	\$ 805,000
SCE	\$ 287,697	\$ 293,962	\$ 306,000	\$ 315,180	\$ 324,635	\$ 334,374	\$ 344,406	\$ 354,738
Glendale	\$ 379,783	\$ 389,134	\$ 388,000	\$ 399,640	\$ 411,629	\$ 423,978	\$ 436,697	\$ 449,798
Constellation Credit	\$ (9,141)	\$ (5,000)	\$ (200)	\$ -	\$ -	\$ -	\$ -	\$ -
% Increase/Decrease - Import Water	41.1%	-5.3%	-11.8%	-24.7%	-4.7%	5.2%	-0.8%	-2.7%
% Increase/Decrease - Power Cost	3.4%	3.0%	5.4%	3.0%	3.0%	3.0%	3.0%	3.0%
Power cost/ac-ft	\$138	\$151	\$169	\$186	\$175	\$176	\$178	\$179

## Water Budget Table WB - 6 Water Capital Outlay & Equipment - FY 15/16 - Final

Description	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Software (Spring Brook) - Fixed Assets		\$ 11,250	\$ 11,250		\$ 11,250			
Spring Brook Software - Payroll Module						\$ 18,750		
Spring Brook Software - Work Order Module							\$ 26,250	
Spring Brook Software - Project Management Module								\$ 15,000
Spring Brook Software - Extend Budget Module								
Upgrade SCADA Equipment (SCADA 1A & 1B)	\$ 29,255							
Upgrade Computer Hardware & Security	\$ 14,952	\$ 20,000	\$ 20,000	\$ 52,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
Main Office - Roof		\$ 30,000	\$ -					
Main Office - Seismic Upgrades		\$ 50,000	\$ -					
Main Office - Upgrades				\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 15,000
Misc.		\$ 5,000	\$ 2,000	\$ 3,000	\$ 3,750	\$ 4,250	\$ 4,750	\$ 5,000
<b>CO Total</b>	<b>\$ 45,735</b>	<b>\$ 116,250</b>	<b>\$ 33,250</b>	<b>\$ 65,000</b>	<b>\$ 55,000</b>	<b>\$ 63,000</b>	<b>\$ 71,000</b>	<b>\$ 65,000</b>
<b>Capital - Equipment</b>								
Emergency Generator - 70 kW (Field)		\$ 15,750	\$ -					
Vehicle Replacement - Unit 5	\$ 44,533							
Vehicle Replacement - Unit 7	\$ 25,661							
Vehicle Replacement - Unit 12	\$ 23,245							
Vehicle Replacement - Unit 24		\$ 68,000	\$ 64,982					
Vehicle Replacement - Unit 13		\$ -	\$ 21,650					
Vehicle Replacement - Annual					\$ 55,000	\$ 75,000	\$ 75,000	\$ 75,000
<b>CE Total</b>	<b>\$ 125,936</b>	<b>\$ 83,750</b>	<b>\$ 86,632</b>	<b>\$ -</b>	<b>\$ 55,000</b>	<b>\$ 75,000</b>	<b>\$ 75,000</b>	<b>\$ 75,000</b>
<b>CO &amp; CE - Total</b>	<b>\$ 171,671</b>	<b>\$ 200,000</b>	<b>\$ 119,882</b>	<b>\$ 65,000</b>	<b>\$ 110,000</b>	<b>\$ 138,000</b>	<b>\$ 146,000</b>	<b>\$ 140,000</b>

## Water Budget Table WB -7 Water - Capital Improvement Projects - FY 15/16 - Final

Description	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Water Supply	\$ 352,370	\$ 600,000	\$ 610,628	\$ 545,000	\$ 250,000	\$ 650,000	\$ 625,000	\$ 225,000
Water Storage	\$ 350,043	\$ -	\$ 88,750	\$ -	\$ 775,000	\$ 310,000	\$ 255,000	\$ 325,000
Water Distribution	\$ 641,526	\$ 1,183,000	\$ 754,843	\$ 880,000	\$ 660,000	\$ 1,025,000	\$ 1,620,000	\$ 1,415,000
Water Treatment	\$ -	\$ 43,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000
Technology	\$ 21,847	\$ 174,000	\$ 52,583	\$ 315,000	\$ 415,000	\$ 215,000	\$ -	\$ -
Public Safety/Emergency Response	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ 85,000	\$ -	\$ 150,000
Facilities & Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 115,000	\$ -	\$ 310,000
<b>Total CIP</b>	<b>\$ 1,365,786</b>	<b>\$ 2,000,000</b>	<b>\$ 1,506,804</b>	<b>\$ 1,815,000</b>	<b>\$ 2,100,000</b>	<b>\$ 2,400,000</b>	<b>\$ 2,500,000</b>	<b>\$ 2,500,000</b>

## Water Budget Table WB - 8 Water Reserve Targets - FY 15/16 - Preliminary

Description	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Rate stabilization (a)	\$ 1,888,000	\$ 1,902,000	\$ 1,670,000	\$ 1,758,000	\$ 2,077,000	\$ 2,285,000	\$ 2,450,000	\$ 2,505,000
Emergency fund (b)	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000
<i>Labor &amp; benefits</i>	\$ 2,642,288	\$ 2,961,000	\$ 2,775,300	\$ 2,964,900	\$ 3,003,900	\$ 3,071,900	\$ 3,127,900	\$ 3,178,900
<i>Power</i>	\$ 658,340	\$ 678,000	\$ 693,800	\$ 715,000	\$ 736,000	\$ 758,000	\$ 781,000	\$ 805,000
<i>Operating expenses</i>	\$ 1,999,759	\$ 2,306,800	\$ 2,261,350	\$ 2,270,150	\$ 2,167,050	\$ 2,252,800	\$ 2,300,000	\$ 2,393,700
<i>O &amp; M Costs</i>	\$ 5,300,387	\$ 5,945,800	\$ 5,730,450	\$ 5,950,050	\$ 5,906,950	\$ 6,082,700	\$ 6,208,900	\$ 6,377,600
Working cash (c)	\$ 883,398	\$ 990,967	\$ 955,075	\$ 991,675	\$ 984,492	\$ 1,013,783	\$ 1,034,817	\$ 1,062,933
<b>Total target cash reserves</b>	<b>\$ 3,521,000</b>	<b>\$ 3,643,000</b>	<b>\$ 3,375,000</b>	<b>\$ 3,500,000</b>	<b>\$ 3,811,000</b>	<b>\$ 4,049,000</b>	<b>\$ 4,235,000</b>	<b>\$ 4,318,000</b>

**Note:**

- a. Rate stabilization reserves are based on 25 percent of total water commodity sales
- b. Emergency reserves equal \$750,000.
- c. Working cash is based on two months of O&M less purchased water

## Water Budget Table WB - 8A MTBE Fund Reserve - FY 15/16 - Final

Description	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
<b>MTBE - Income</b>								
MTBE Settlement	\$ 6,845,647	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MTBE - Income from Sale of Investments	\$ 47,243	\$ 75,000	\$ 86,212	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
<b>Total Income</b>	<b>\$ 6,892,890</b>	<b>\$ 75,000</b>	<b>\$ 86,212</b>	<b>\$ 75,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>MTBE - Expense</b>								
Reimbursement to CVWD General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lab Expense	\$ 62,427	\$ 75,000	\$ 40,000	\$ 50,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000
Labor Expense	\$ -	\$ -	\$ -	\$ 12,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
Administrative Consultant	\$ -	\$ -	\$ -	\$ 40,000	\$ 75,000	\$ -	\$ -	\$ -
<b>Total Expense</b>	<b>\$ 62,427</b>	<b>\$ 75,000</b>	<b>\$ 40,000</b>	<b>\$ 102,000</b>	<b>\$ 118,000</b>	<b>\$ 43,000</b>	<b>\$ 43,000</b>	<b>\$ 43,000</b>
<b>Increase (Decrease) to Fund</b>	<b>\$ 6,830,463</b>	<b>\$ -</b>	<b>\$ 46,212</b>	<b>\$ (27,000)</b>	<b>\$ (118,000)</b>	<b>\$ (43,000)</b>	<b>\$ (43,000)</b>	<b>\$ (43,000)</b>
<b>MTBE Reserve Fund</b>								
FY Begin Available MTBE Reserve Funds	\$ 2,049,556	\$ 8,880,019	\$ 8,880,019	\$ 8,926,231	\$ 8,899,231	\$ 8,781,231	\$ 8,738,231	\$ 8,695,231
FY End Available MTBE Reserve Funds	\$ 8,880,019	\$ 8,880,019	\$ 8,926,231	\$ 8,899,231	\$ 8,781,231	\$ 8,738,231	\$ 8,695,231	\$ 8,652,231

**Note:**

a. Interest Income based on 1% annual rate of return on investment

# Water Budget Table WB-9 - Total Sources - FY 15/16 - Final

<b>FY 15/16 - Reduce Demand</b>	<b>Recorded FY 2013-14</b>	<b>Budget FY 2014-15</b>	<b>Projected FY 2014-15</b>	<b>Budget FY 2015-16</b>	<b>Forecast FY 2016-17</b>	<b>Forecast FY 2017-18</b>	<b>Forecast FY 2018-19</b>	<b>Forecast FY 2019-20</b>
<b>REVENUE</b>								
Service Readiness Charge Revenue	\$ 1,731,323	\$ 1,830,000	\$ 1,829,000	\$ 1,984,000	\$ 2,149,000	\$ 2,311,000	\$ 2,425,000	\$ 2,428,000
Metered sales of water (CVWD Costs)	\$ 4,843,462	\$ 4,869,000	\$ 4,219,000	\$ 7,030,000	\$ 8,308,000	\$ 9,138,000	\$ 9,798,000	\$ 10,021,000
Required metered sales of water (FMWD Costs)	\$ 2,619,953	\$ 2,738,000	\$ 2,462,000	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Income - Water Reserves	\$ 125,914	\$ 75,000	\$ 114,000	\$ 100,000	\$ 102,000	\$ 104,000	\$ 106,000	\$ 108,000
Interest Income - MTBE Reserves	\$ -	\$ 139,000	\$ 70,000	\$ 125,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
Source of Funds - Other Sources	\$ 170,754	\$ 138,000	\$ 242,500	\$ 128,000	\$ 144,000	\$ 151,000	\$ 158,000	\$ 166,000
Sources of Funds - CIP Sources	\$ 170,898	\$ 95,000	\$ 145,167	\$ 90,000	\$ 105,000	\$ 110,000	\$ 125,000	\$ 140,000
Transfer from MTBE Fund for PERS Side Fund	\$ 62,427	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL REVENUE</b>	<b>\$ 9,724,731</b>	<b>\$ 9,884,000</b>	<b>\$ 9,081,667</b>	<b>\$ 9,457,000</b>	<b>\$ 10,883,000</b>	<b>\$ 11,889,000</b>	<b>\$ 12,687,000</b>	<b>\$ 12,938,000</b>
<b>OPERATIONS &amp; MAINTENANCE (O &amp; M) EXPENSE</b>								
Labor & Benefits	\$ 2,642,288	\$ 2,961,000	\$ 2,775,300	\$ 2,964,900	\$ 3,003,900	\$ 3,071,900	\$ 3,127,900	\$ 3,178,900
Purchased Water (FMWD)	\$ 3,151,636	\$ 2,732,000	\$ 2,780,000	\$ 2,093,000	\$ 1,995,000	\$ 2,099,000	\$ 2,082,000	\$ 2,026,000
Purchased Water (GWP)	\$ -	\$ -	\$ -	\$ 185,000	\$ 243,000	\$ 232,000	\$ 203,000	\$ 209,000
Power	\$ 658,340	\$ 678,000	\$ 693,800	\$ 715,000	\$ 736,000	\$ 758,000	\$ 781,000	\$ 805,000
Operating expenses	\$ 1,999,759	\$ 2,306,800	\$ 2,261,350	\$ 2,270,150	\$ 2,167,050	\$ 2,252,800	\$ 2,300,000	\$ 2,393,700
<b>Total O &amp; M Expense</b>	<b>\$ 8,452,023</b>	<b>\$ 8,677,800</b>	<b>\$ 8,510,450</b>	<b>\$ 8,228,050</b>	<b>\$ 8,144,950</b>	<b>\$ 8,413,700</b>	<b>\$ 8,493,900</b>	<b>\$ 8,612,600</b>
Debt Service (principal & interest)	\$ 612,400	\$ 614,000	\$ 614,000	\$ 614,000	\$ 614,000	\$ 614,000	\$ 614,000	\$ 614,000
<b>Total O &amp; M Expense + Debt Service</b>	<b>\$ 9,064,423</b>	<b>\$ 9,291,800</b>	<b>\$ 9,124,450</b>	<b>\$ 8,842,050</b>	<b>\$ 8,758,950</b>	<b>\$ 9,027,700</b>	<b>\$ 9,107,900</b>	<b>\$ 9,226,600</b>
Cash Available for Capital - [Revenue - (Total O & M Expense + Debt Service)]	\$ 660,308	\$ 592,200	\$ (42,783)	\$ 614,950	\$ 2,124,050	\$ 2,861,300	\$ 3,579,100	\$ 3,711,400
<b>CAPITAL OUTLAY, LIABILITIES and CAPITAL PROJECTS</b>								
Capital Outlay & Equipment	\$ 171,671	\$ 200,000	\$ 140,870	\$ 65,000	\$ 110,000	\$ 138,000	\$ 146,000	\$ 140,000
Future Liability (OPEB)	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Capital Improvements (pay-as-you-go)	\$ 1,365,786	\$ 2,000,000	\$ 1,507,000	\$ 1,815,000	\$ 2,100,000	\$ 2,400,000	\$ 2,500,000	\$ 2,500,000
<b>Total - Capital Outlay, CIP, CIP Fund &amp; Future Liability</b>	<b>\$ 1,637,457</b>	<b>\$ 2,300,000</b>	<b>\$ 1,747,870</b>	<b>\$ 1,980,000</b>	<b>\$ 2,310,000</b>	<b>\$ 2,638,000</b>	<b>\$ 2,746,000</b>	<b>\$ 2,740,000</b>
<b>INCREASE (DECREASE) TO CASH</b>	<b>\$ (977,149)</b>	<b>\$ (1,707,800)</b>	<b>\$ (1,790,653)</b>	<b>\$ (1,365,050)</b>	<b>\$ (185,950)</b>	<b>\$ 223,300</b>	<b>\$ 833,100</b>	<b>\$ 971,400</b>
FY begin available Water Reserves	\$ 6,457,073	\$ 5,479,924	\$ 5,479,924	\$ 3,689,272	\$ 2,324,222	\$ 2,138,272	\$ 2,361,573	\$ 3,194,673
FY End Water Reserves	\$ 5,479,924	\$ 3,772,125	\$ 3,689,272	\$ 2,324,222	\$ 2,138,272	\$ 2,361,573	\$ 3,194,673	\$ 4,166,074
<b>TOTAL TARGET WATER CASH RESERVES</b>	<b>\$ 3,521,000</b>	<b>\$ 3,643,000</b>	<b>\$ 3,375,000</b>	<b>\$ 3,500,000</b>	<b>\$ 3,811,000</b>	<b>\$ 4,049,000</b>	<b>\$ 4,235,000</b>	<b>\$ 4,318,000</b>
Above or (below) Target Reserves	\$ 1,958,924	\$ 129,125	\$ 314,272	\$ (1,175,778)	\$ (1,672,728)	\$ (1,687,427)	\$ (1,040,327)	\$ (151,926)
Effective date of water rates	7/1/13	7/1/14	7/1/14	7/1/15	7/1/16	7/1/17	7/1/18	7/1/19
Projected Rate Increase for Service Charge	5.6%	5.8%	5.8%	8.2%	8.2%	7.4%	4.8%	0.0%
Service rates (\$/month for 3/4" meter)	\$ 17.10	\$ 18.10	\$ 18.10	\$ 19.60	\$ 21.20	\$ 22.80	\$ 23.90	\$ 23.90
Projected Rate Increase for Quantity Charge	5.6%	5.8%	5.8%	8.2%	8.2%	7.4%	4.8%	0.0%
Quantity Charge: (\$/kgal)	\$ 5.33	\$ 5.64	\$ 5.64	\$ 6.10	\$ 6.60	\$ 7.09	\$ 7.43	\$ 7.43

Capital Improvement Project Program FY 15-16 Final - 5-year CIP Budget	Status	Budget FY 14/15	Projected FY 14/15	Budget FY 15/16	Forecast FY 16/17	Forecast FY 17/18	Forecast FY 18/19	Forecast FY 19/20
<b>1. Water Supply</b>								
<b>A. Groundwater</b>								
<b>i. Well Rehabilitation</b>								
<i>Well 11 Rehabilitation</i>	Complete	\$ 65,000	\$ 61,344					
<i>Well 14 Rehabilitation</i>	Deferred	\$ 60,000	\$ -					
<i>Well 7 Rehabilitation</i>				\$ 60,000				
<i>Well 10 Rehabilitation</i>					\$ 75,000			
<i>Well 14 Rehabilitation</i>					\$ 50,000			
<i>Well 6 Rehabilitation</i>						\$ 75,000		
<i>Well 12 Rehabilitation</i>						\$ 75,000		
<i>Well 1 Rehabilitation</i>							\$ 75,000	
<i>Well 14 Rehabilitation</i>							\$ 50,000	
<i>Well 5 Rehabilitation</i>								\$ 75,000
<i>Well 9 Rehabilitation</i>								\$ 75,000
<i>Well 11 Rehabilitation</i>								\$ 75,000
<b>ii. New Wells</b>								
<i>Well 16 - Equipment &amp; Pipeline - Design</i>	Carryover	\$ 85,000	\$ 134,782	\$ 60,000				
<i>Well 16 - Construction (Grant - Matching Funds)</i>	Carryover	\$ -	\$ 11,005	\$ 100,000				
<b>iii. Studies</b>								
<b>B. Imported Water</b>								
<i>CVWD/LADWP Inter. at Ordunio (Grant - Matching Funds)</i>	Carryover	\$ 125,000	\$ -	\$ 125,000				
<i>Ocean View Piping &amp; Vaults (Grant - Matching Funds)</i>	Complete	\$ 210,000	\$ 241,397					
<i>Ocean View Chlorination St (Grant - Matching Funds)</i>			\$ -	\$ 85,000				
<i>Ocean View - Equip. &amp; Elect (Grant - Matching Funds)</i>			\$ -	\$ 75,000				
<b>C. Groundwater Basin Recharge</b>								
<i>Storm Water Recharge Study (Grant - Matching Funds)</i>	Carryover	\$ 55,000	\$ 162,100	\$ 40,000				
<i>Stormwater Recharge Project - Design</i>					\$ 125,000			
<i>Stormwater Recharge Project - Construction</i>						\$ 500,000	\$ 500,000	
<b>D. Recycled Water System</b>								
<b>i. Recycled Water</b>								
<b>ii. Membrane Bioreactor Technology</b>								
<b>E. Demand Management</b>								
<b>WS Total</b>		\$ 600,000	\$ 610,628	\$ 545,000	\$ 250,000	\$ 650,000	\$ 625,000	\$ 225,000



Capital Improvement Project Program FY 15-16 Final - 5-year CIP Budget	Status	Budget FY 14/15	Projected FY 14/15	Budget FY 15/16	Forecast FY 16/17	Forecast FY 17/18	Forecast FY 18/19	Forecast FY 19/20
---	--------	--------------------	-----------------------	--------------------	----------------------	----------------------	----------------------	----------------------

## 2. Water Storage

### A. Reservoir Rehabilitation

#### i. Roof/Vents Rehabilitation

Oak Creek #1 - Roof/Air Vents	Deferred				\$ 250,000			
Oak Creek #2 - Roof/Air Vents						\$ 250,000		
Rosemont - Roof/Air Vents							\$ 255,000	
Markridge - Air Vents								\$ 250,000

#### ii. Steel Reservoir Re-Coating

#### iii. Concrete Reservoir Rehabilitation

Encinal Reservoir - Concrete Rehabilitation					\$ 75,000			
---	--	--	--	--	-----------	--	--	--

#### iv. Corrosion Protection

Cathodic Protection - Replacement						\$ 60,000		
-----------------------------------	--	--	--	--	--	-----------	--	--

#### v. Overflow & Drain System Upgrade

Upgrade Overflow/Drain System - Design	Carryover	\$ -	\$ 18,483	\$ -				
Ocean View Reservoir - AC Pavement	Complete	\$ -	\$ 70,267					
Ocean View Reservoir - Overflow/Drain - Construction		\$ -	\$ -		\$ 450,000			

### B. Reservoir Water Quality

#### i. Water Mixing System

Reservoir Water Quality & Mixing System Study								\$ 75,000
---	--	--	--	--	--	--	--	-----------

#### iv. Replace common inlet and outlet piping

### C. New Reservoir Water Storage

<b>WS Total</b>		\$ -	\$ 88,750	\$ -	\$ 775,000	\$ 310,000	\$ 255,000	\$ 325,000
-----------------	--	------	-----------	------	------------	------------	------------	------------

## 3. Water Distribution

### A. Pipeline Replacement

2900 Block - Paraiso Way - 800 LF	Complete	\$ 200,000	\$ 172,944					
2900 Block - Santa Carlotta - 800 LF	Complete	\$ 200,000	\$ 172,944					
4900 Block - Glenwood - 600 LF	Complete	\$ 150,000	\$ 129,708					
3000 Block-Paraiso Way, Cloud, & Ramsdell	Complete	\$ -	\$ 46,777					
2800 Block - Prospect - 600 LF	Deferred	\$ 150,000	\$ -					
4400 Block - Glenwood - 200 LF	Deferred	\$ 50,000	\$ -					
2600 Block - Harmony Place - 450 LF				\$ 115,000				
3900 Block - Park Place - 450 LF				\$ 115,000				
2700 Block - Brookhill Avenue - 700 LF				\$ 175,000				
2800 Block - Prospect & 4400 Block - Glenwood - 800 LF				\$ 200,000				

Capital Improvement Project Program FY 15-16 Final - 5-year CIP Budget	Status	Budget FY 14/15	Projected FY 14/15	Budget FY 15/16	Forecast FY 16/17	Forecast FY 17/18	Forecast FY 18/19	Forecast FY 19/20
3000 - 3100 Blocks - Brookhill Avenue - 1,650 LF					\$ 430,000			
3200 - 3300 Blocks - Brookhill Avenue - 1,650 LF						\$ 430,000		
2200 Block - Honolulu Ave - 750 LF							\$ 190,000	
4900 Block - El Sereno - 350 LF							\$ 90,000	
2300 Block - Teasley - 700 LF							\$ 175,000	
2800 Block - Los Olivos - 850 LF							\$ 215,000	
2400 Block - Fairmount - 100 LF							\$ 25,000	
4800 Block - Dyer - 400 LF							\$ 100,000	
2400 & 2500 Blocks - Janet Lee - 1300 LF								\$ 340,000
3000 Block - Los Olivos - 800 LF								\$ 210,000
4600 Block - Orin - 200 LF								\$ 55,000
2000 Block - Ahlin - 200 LF								\$ 55,000
4900 Block - Caminito - 300 LF								\$ 80,000
3500 Block - Montrose - 300 LF								\$ 80,000

### B. New Pipelines

### C. Booster Pump System

#### i. Annual Pump /Motor Replacement

Eagle Canyon - Booster B	Complete	\$ -	\$ 39,200					
Encinal - Booster A	Complete	\$ 35,000	\$ 23,400					
1 - Boosters				\$ 25,000				
1 - Boosters					\$ 35,000			
2 - Boosters						\$ 70,000		
2 - Boosters							\$ 70,000	
2 - Boosters								\$ 70,000

#### ii. Pump Station Upgrade

Mills Plant - Aeration Tower Rehabilitation	Deferred	\$ 35,000	\$ -		\$ 35,000			
Upgrade - Paschal Booster Station inlet piping & valves						\$ 50,000	\$ 255,000	
New Booster Pump Station - Cresta Heights								\$ 75,000

#### iii. VFD Pump Upgrade

VFD's & Upgrade at Paschal & Mills					\$ 50,000			
------------------------------------	--	--	--	--	-----------	--	--	--

#### iv. MCC Replacement

MCC upgrade at Oak Creek	Carryover	\$ 300,000	\$ 169,870	\$ 185,000				
MCC upgrade at Paschal					\$ 75,000	\$ 400,000		
MCC upgrade at Goss Canyon						\$ 75,000	\$ 350,000	
MCC upgrade at Ocean View							\$ 75,000	\$ 450,000

### D. Pressure Reducing Stations

### E. Miscellaneous Projects

Capital Improvement Project Program FY 15-16 Final - 5-year CIP Budget	Status	Budget FY 14/15	Projected FY 14/15	Budget FY 15/16	Forecast FY 16/17	Forecast FY 17/18	Forecast FY 18/19	Forecast FY 19/20
<b>i. Water Surge Control</b>								
<i>Rehabilitation Surge Tanks at Glenwood</i>	Deferred	\$ 28,000	\$ -	\$ 65,000				
<i>Rehabilitation Surge Tank at Paschal</i>							\$ 75,000	
<b>ii. Street/Utility/ Meter Adjustment &amp; Upgrade</b>								
<b>iii. Misc.</b>								
<i>Repairs to Ramsdell Mixing Station</i>	Deferred	\$ 35,000	\$ -		\$ 35,000			
<b>WD Total</b>		\$ 1,183,000	\$ 754,843	\$ 880,000	\$ 660,000	\$ 1,025,000	\$ 1,620,000	\$ 1,415,000
<b>4. Water Treatment</b>								
<b>A. Nitrate Removal</b>								
<b>i. Glenwood</b>								
<b>ii. Mills</b>								
<b>iii. Ordunio</b>								
<b>B. Chlorine Disinfection</b>								
<i>New Chlorination Station at Markridge Reservoir</i>	Deferred	\$ 43,000	\$ -					\$ 75,000
<b>C. Convert to Chloramines</b>								
<b>WT Total</b>		\$ 43,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000
<b>5. Technology</b>								
<b>A. Automated Meter Information (AMI) System</b>								
<b>B. Supervisory Control and Data Acquisition (SCADA) System</b>								
<i>SCADA RTU Replacement (35 sites) - Design</i>	Carryover	\$ 25,000	\$ 18,583	\$ 15,000	\$ 15,000	\$ 15,000		
<i>SCADA RTU Replace - Equipment &amp; Integration</i>	Carryover	\$ 149,000	\$ 34,000	\$ 300,000	\$ 400,000	\$ 200,000		
<b>C. Graphical Information System (GIS)</b>								
<b>TECH Total</b>		\$ 174,000	\$ 52,583	\$ 315,000	\$ 415,000	\$ 215,000	\$ -	\$ -
<b>6. Public Safety/Emergency Response</b>								
<b>A. Emergency Electrical Generators</b>								
<b>B. Water Storage</b>								
<i>Seismic Sensors &amp; Valve Actuators - Duns/Pickens</i>		\$ -	\$ -	\$ 75,000				
<i>Seismic Sensors &amp; Valve Actuators - Ordunio</i>						\$ 85,000		
<i>Seismic Sensors &amp; Valve Actuators - Oak Creek</i>								\$ 150,000
<b>C. Security</b>								
<b>D. Miscellaneous</b>								

Capital Improvement Project Program FY 15-16 Final - 5-year CIP Budget	Status	Budget FY 14/15	Projected FY 14/15	Budget FY 15/16	Forecast FY 16/17	Forecast FY 17/18	Forecast FY 18/19	Forecast FY 19/20
<b>SF/ER Total</b>		\$ -	\$ -	\$ 75,000	\$ -	\$ 85,000	\$ -	\$ 150,000
<b>7. Facilities &amp; Planning</b>								
A. Main Office								
B. Glenwood Plant								
C. Mills Plant								
D. Reservoir Site Improvements								
<i>Roof Replacement at Old Encinal</i>						\$ 115,000		\$ 185,000
<i>Goss Canyon - Site Improvements</i>								\$ 125,000
5. Misc. Properties								
6. District Planning								
<b>F &amp; P Total</b>		\$ -	\$ -	\$ -	\$ -	\$ 115,000	\$ -	\$ 310,000
<b>Capital Improvement Projects - Total</b>		\$ 2,000,000	\$ 1,506,804	\$ 1,815,000	\$ 2,100,000	\$ 2,400,000	\$ 2,500,000	\$ 2,500,000

**RESOLUTION NO. 725**  
**RESOLUTION OF THE BOARD OF DIRECTORS OF**  
**CRESCENTA VALLEY WATER DISTRICT**  
**ADOPTING RATES AND CHARGES FOR WATER SERVICE**

**WHEREAS**, the Crescenta Valley Water District is a county water district empowered under the Water Code to fix rates and charges for its water service;

**WHEREAS**, a proposed change in water rates and charges has been presented to the Board of Directors of the District for bills rendered after July 1, 2015;

**WHEREAS**, notice of the proposed rates and charges was published in advance, and a public hearing was held on the proposed rates and charges;

**WHEREAS**, pursuant to section 15273 of the District's CEQA guidelines, the Board of Directors hereby finds that the proposed rates and charges are for the purpose of meeting operating expenses, including employee wage rates and fringe benefits, purchasing or leasing supplies, equipment, or material, meeting financial reserve needs and requirements, and obtaining funds for capital projects, necessary to maintain service within existing service areas, and therefore the California Environmental Quality Act does not apply to the approval of the rates and charges;

**NOW, THEREFORE, BE IT RESOLVED** that the Board of Directors of the Crescenta Valley Water District authorize that Appendix E of the District's Rules and Regulations, Rates and Charges for Water Service, is amended to read as attached.

**PASSED, APPROVED, AND ADOPTED** at a Special Meeting of the Board of Directors of Crescenta Valley Water District held on June 30, 2015. Resolution No. 725 was adopted by the following vote:

**AYES:**

**NOES:**

**ATTEST:**

---

**President, Board of Directors**  
**Crescenta Valley Water District**

---

**Secretary of the Board of Directors of**  
**Crescenta Valley Water District**

**APPENDIX E**  
**CRESCENTA VALLEY WATER DISTRICT**  
**RATES AND CHARGES FOR WATER**  
**SERVICE**

# CRESCENTA VALLEY WATER DISTRICT

## APPENDIX E

### RATES AND CHARGES FOR WATER SERVICE

**Quantity Rates:** Quantity charged is applicable to all water consumption in addition to the monthly service charge. The rates charged by the District for water consumption, per 1000 gallons of water consumed per bi-monthly billing period, are as follows:

<u>For Bills Rendered After: 7/1/15</u>	<u>Rate per 1000 Gallons</u>
<u>Water Use Range</u>	
Tier I            1-10 Units	\$ 4.72
Tier II           11-25 Units	\$ 6.10
Tier III          26-37 Units	\$ 8.70
Tier IV          38 Units and above	\$11.66

**Usage charge for multi-family units, commercial, institutions, & schools per two month billing cycle**

Base Rate \$ 6.10/unit

**Service Charge:** The monthly service charge is a fixed charge, and does not provide for any minimum water consumption allowance.

Commencing the First Billing Period Following:

<u>Meter Size</u>	<u>7/1/15</u> <u>Within District</u>	<u>7/1/15</u> <u>Outside District</u>
3/4"	\$19.58	\$19.78
1"	\$24.04	\$24.24
1½"	\$35.10	\$35.30
2"	\$44.40	\$44.60
3"	\$48.41	\$48.61
4"	\$124.38	\$124.58

**Minimum Monthly Charge for Temporary Service per Article 9.02:** \$35.00

**One-Time Service Charge for Temporary Service per Article 9.02:** \$25.00

**Private Fire Protection Charge:** The monthly service charge for fire protection services by line size are as follows:

<u>Meter Size</u>	<u>7/1/15</u> <u>Within District</u>	<u>7/1/15</u> <u>Outside District</u>
1"	\$8.19	\$8.39
2"	\$12.07	\$12.27
3"	\$18.01	\$18.21
4"	\$24.41	\$24.61
6"	\$41.97	\$42.17
8"	\$63.85	\$64.05
10"	\$89.16	\$89.36



**Irrigation Usage Charge:** The rates charged by the District for water consumption, per 1000 gallons of water consumed per bi-monthly billing period, are as follows:

<u>For Bills Rendered After: 7/1/15</u>		<u>Rate per 1000 Gallons</u>
<u>Water Use Range</u>		
Tier I	1-70 Units	\$ 6.10
Tier II	70 Units and above	\$ 11.66

**WATER SYSTEM CONNECTION FEE:**

1. The basic fee is **\$3,610** per equivalent dwelling unit for fiscal year **2015-2016**. On July first of each year, the fee shall be revised according to the following equation.

$$\text{Fee} = \frac{BV + CIP_5}{\Sigma \text{EDU}}$$

- Where:
- Fee = Current year’s connection fee per equivalent dwelling unit.
  - BV = Current value of all District water system property and equipment minus the depreciation of water system assets as published in the District’s independently audited financial statements.
  - CIP<sub>5</sub> = The average annual cost of water system projects in the District’s most recent Capital Improvement Program attributed to the need for increased water system capacity multiplied by 5 years.
  - Σ EDU = The sum of equivalent dwelling units in the District’s water system as calculated at the end of the prior year based on the meter conversion method in the November 2003 report entitled "Establishment of a New Water System Connection Fee Structure for Crescenta Valley Water District".

2. **Exception:** For the installation of a new fire service line where no other construction is proposed, the water system connection fee shall only include the CIP component as follows:

$$\text{Fee} = CIP_5 / \Sigma \text{EDU}$$

## Wastewater Budget Table WWB-1 Projected Wastewater Accounts - FY 15/16 - Final

Wastewater Accounts	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
<b>Residential Units - EDU<sup>(1)</sup></b>								
Single Family	5,271	5,273	5,273	5,275	5,277	5,279	5,281	5,283
Multi-family	2,546	2,548	2,548	2,550	2,552	2,554	2,556	2,558
<b>Total Residential Units - EDU<sup>(1)</sup></b>	<b>7,817</b>	<b>7,821</b>	<b>7,821</b>	<b>7,825</b>	<b>7,829</b>	<b>7,833</b>	<b>7,837</b>	<b>7,841</b>
Total No. of Accounts - Commercial	166	166	166	166	166	166	166	166
Total No. of Accounts - School	6	6	6	6	6	6	6	6
<b>Total EDUs</b>	<b>7,989</b>	<b>7,993</b>	<b>7,993</b>	<b>7,997</b>	<b>8,001</b>	<b>8,005</b>	<b>8,009</b>	<b>8,013</b>
Projected No. of Account Annual Increase	9	4	4	4	4	4	4	4
Projected Percent of Account Annual Increase	0.11%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%

Note:

1. EDU = Equivalent Dwelling Units

## Wastewater Budget Table WWB-2 Revenues - FY 15/16 - Final

	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
<b>Wastewater User and Standby Charge Revenues</b>								
Single family dwelling unit	\$ 3,241,490	\$ 2,136,000	\$ 2,126,600	\$ 2,136,000	\$ 2,137,000	\$ 2,138,000	\$ 2,139,000	\$ 2,140,000
Multiple family dwelling		\$ 1,032,000	\$ 987,000	\$ 1,033,000	\$ 1,034,000	\$ 1,034,000	\$ 1,035,000	\$ 1,036,000
Total School charges		\$ 95,000	\$ 91,000	\$ 96,000	\$ 97,000	\$ 98,000	\$ 99,000	\$ 101,000
Total Commercial user charges		\$ 251,000	\$ 240,000	\$ 269,000	\$ 254,000	\$ 254,000	\$ 254,000	\$ 254,000
Sewer Service Discount		\$ (150,000)	\$ (100,000)	\$ (150,000)	\$ (150,000)	\$ (150,000)	\$ (150,000)	\$ (150,000)
<b>Total user charge revenues</b>	<b>\$ 3,241,490</b>	<b>\$ 3,364,000</b>	<b>\$ 3,344,600</b>	<b>\$ 3,384,000</b>	<b>\$ 3,372,000</b>	<b>\$ 3,374,000</b>	<b>\$ 3,377,000</b>	<b>\$ 3,381,000</b>
<b>Permit/Connection Fees/Misc.</b>								
Sewer Permits	\$ 1,000	\$ 6,000	\$ 6,000	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
Sewer Connection Fee (CVWD)	\$ 29,815	\$ 11,000	\$ 33,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
Misc. Revenue	\$ -	\$ 8,000	\$ 36,300	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Rental Properties Income	\$ 7,191	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500
<b>Total Permit/Connection Fees/Misc.</b>	<b>\$ 38,006</b>	<b>\$ 32,500</b>	<b>\$ 82,800</b>	<b>\$ 29,000</b>	<b>\$ 29,000</b>	<b>\$ 29,000</b>	<b>\$ 29,000</b>	<b>\$ 29,000</b>
Interest Earned	\$ 207	\$ 500	\$ 120	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
<b>Total Revenue</b>	<b>\$ 3,279,703</b>	<b>\$ 3,397,000</b>	<b>\$ 3,427,520</b>	<b>\$ 3,413,500</b>	<b>\$ 3,401,500</b>	<b>\$ 3,403,500</b>	<b>\$ 3,406,500</b>	<b>\$ 3,410,500</b>

## Wastewater Budget Table WWB-3 City of Los Angeles O & M and Capital Expense - FY 15/16 - Final

Description	Recorded FY 2013-14	<i>Budget FY 2014-15</i>	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	
<b>City of Los Angeles Projection O &amp; M</b>	\$ 453,778	\$ 719,280	\$ 347,000	\$ 667,760	\$ 667,760	\$ 667,760	\$ 667,760	\$ 667,760	
<b>City of Los Angeles Projection Capital</b>	\$ 462,534	\$ 1,006,020	\$ 330,000	\$ 855,720	\$ 855,720	\$ 855,720	\$ 855,720	\$ 855,720	
<b>City of Los Angeles Projection Total</b>	\$ 916,312	\$ 1,725,300	\$ 677,000	\$ 1,523,480	\$ 1,523,480	\$ 1,523,480	\$ 1,523,480	\$ 1,523,480	
<i>City of Los Angeles Projections - Jan. 2015</i>				<i>FY 2015-16</i>	<i>FY 2016-17</i>	<i>FY 2017-18</i>	<i>FY 2018-19</i>	<i>FY 2019-20</i>	<b>5 - Yr Avg</b>
<i>City of Los Angeles Projection O &amp; M</i>				\$ 639,100	\$ 650,600	\$ 666,600	\$ 682,900	\$ 699,600	\$ 667,760
<i>City of Los Angeles Projection Capital</i>				\$ 1,084,900	\$ 1,153,100	\$ 951,900	\$ 666,400	\$ 422,300	\$ 855,720
<i>City of Los Angeles Projection Total</i>				\$ 1,724,000	\$ 1,803,700	\$ 1,618,500	\$ 1,349,300	\$ 1,121,900	\$ 1,523,480

**Notes:**

1. Source for FY 2015-16: City of Los Angeles - Amalgamated System Sewer Service Charges (ASSSC) include both capital and O&M charges dated 1/16/15
2. Projected FY 2014/15 includes any City of LA Reconciliation Charge for FY 2013/14
3. Budget 15/16 - 19/20 - Based on Average Cost from City of LA from 2015-2020

## Wastewater Budget Table WWB - 4 Operation and Maintenance Expenses - FY 15/16 - Final

Description	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
<b>TREATMENT AND DISPOSAL CHARGES</b>								
Los Angeles ASSSC	\$ 916,312	\$ 1,725,300	\$ 677,000	\$ 1,523,000	\$ 1,523,000	\$ 1,523,000	\$ 1,523,000	\$ 1,523,000
Los Angeles ASSS Facilities Charges	\$ 35,000	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL TREATMENT AND DISPOSAL CHARGES</b>	<b>\$ 951,312</b>	<b>\$ 1,760,300</b>	<b>\$ 677,000</b>	<b>\$ 1,523,000</b>	<b>\$ 1,523,000</b>	<b>\$ 1,523,000</b>	<b>\$ 1,523,000</b>	<b>\$ 1,523,000</b>
<b>COMPENSATION AND BENEFITS</b>								
Director Fees	\$ 8,370	\$ 8,000	\$ 9,200	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
<b>Labor</b>								
Officer Salaries	\$ 144,628	\$ 153,000	\$ 150,000	\$ 164,500	\$ 171,500	\$ 177,500	\$ 184,500	\$ 191,500
Administrative Services Labor	\$ 239,655	\$ 279,000	\$ 260,000	\$ 285,000	\$ 262,000	\$ 268,000	\$ 273,000	\$ 277,000
Administrative Services Labor - OT	\$ 6,127	\$ 6,000	\$ 4,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Engineering Department Labor	\$ 100,029	\$ 142,000	\$ 92,000	\$ 145,000	\$ 147,000	\$ 149,000	\$ 151,000	\$ 152,000
Engineering Department Labor-OT	\$ 721	\$ 1,000	\$ 1,000	\$ 660	\$ 660	\$ 660	\$ 660	\$ 660
Plant - Office Labor	\$ 61,776	\$ 78,000	\$ 58,000	\$ 79,000	\$ 80,000	\$ 81,000	\$ 82,000	\$ 83,000
Plant - Office Labor-OT	\$ 155	\$ -	\$ 150	\$ -	\$ -	\$ -	\$ -	\$ -
Maintenance Workers Labor	\$ 153,163	\$ 196,000	\$ 175,000	\$ 199,000	\$ 211,000	\$ 216,000	\$ 221,000	\$ 227,000
Maintenance Workers Labor-OT	\$ 27,434	\$ 11,000	\$ 19,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000
Standby Pay	\$ 14,000	\$ 15,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000
Auto Allowance	\$ 8,700	\$ 9,000	\$ 9,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Labor Transfer to Capital	\$ (2,909)	\$ (5,000)	\$ -	\$ (5,000)	\$ (5,000)	\$ (5,000)	\$ (5,000)	\$ (5,000)
<b>Labor Total</b>	<b>\$ 764,758</b>	<b>\$ 893,000</b>	<b>\$ 791,350</b>	<b>\$ 925,160</b>	<b>\$ 924,160</b>	<b>\$ 944,160</b>	<b>\$ 964,160</b>	<b>\$ 983,160</b>
Sick and Vacation - Office	\$ 22,662	\$ 44,000	\$ 44,000	\$ 36,000	\$ 35,000	\$ 36,000	\$ 36,000	\$ 37,000
Sick and Vacation - Plant	\$ 15,108	\$ 29,000	\$ 29,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000
Taxes - Payroll (Total Employees)	\$ 84,603	\$ 88,000	\$ 88,000	\$ 90,000	\$ 92,000	\$ 92,000	\$ 93,000	\$ 94,000
PERS Retirement (Total Employees)	\$ 176,593	\$ 194,000	\$ 168,000	\$ 194,000	\$ 208,000	\$ 219,000	\$ 231,000	\$ 253,000
Workers' Compensation - Office	\$ 9,420	\$ 10,000	\$ 9,000	\$ 10,500	\$ 10,500	\$ 10,500	\$ 9,500	\$ 8,000
Workers' Compensation - Plant	\$ 38,959	\$ 41,000	\$ 38,000	\$ 50,000	\$ 49,000	\$ 50,000	\$ 45,000	\$ 39,000
Health and Dental and Vision - Office	\$ 83,046	\$ 87,000	\$ 91,000	\$ 91,000	\$ 93,000	\$ 95,000	\$ 97,000	\$ 99,000
Life & Disability Insurance - Office	\$ 5,583	\$ 6,000	\$ 6,000	\$ 6,600	\$ 6,600	\$ 6,600	\$ 6,800	\$ 6,800
Health and Dental and Vision - Plant	\$ 88,014	\$ 95,000	\$ 94,000	\$ 101,000	\$ 103,000	\$ 105,000	\$ 108,000	\$ 110,000
Self Insurance	\$ 6,894	\$ 8,000	\$ 7,000	\$ 8,800	\$ 8,800	\$ 8,500	\$ 10,000	\$ 9,800
Retiree - Health Care Expense	\$ 57,564	\$ 62,000	\$ 51,000	\$ 52,000	\$ 53,000	\$ 55,000	\$ 56,000	\$ 57,000
<b>Compensation Total</b>	<b>\$ 588,446</b>	<b>\$ 664,000</b>	<b>\$ 625,000</b>	<b>\$ 663,900</b>	<b>\$ 682,900</b>	<b>\$ 701,600</b>	<b>\$ 716,300</b>	<b>\$ 737,600</b>
<b>TOTAL COMPENSATION AND BENEFITS</b>	<b>\$ 1,353,204</b>	<b>\$ 1,557,000</b>	<b>\$ 1,416,350</b>	<b>\$ 1,589,060</b>	<b>\$ 1,607,060</b>	<b>\$ 1,645,760</b>	<b>\$ 1,680,460</b>	<b>\$ 1,720,760</b>
<b>PLANT OPERATING EXPENSES</b>								
Power - Lift Station	\$ 691	\$ 700	\$ 750	\$ 750	\$ 750	\$ 800	\$ 800	\$ 800
Glenwood - Utilities	\$ 3,558	\$ 5,000	\$ 4,000	\$ 4,660	\$ 5,200	\$ 5,800	\$ 6,000	\$ 6,500
Glenwood - Voice Communications	\$ 12,641	\$ 10,500	\$ 14,000	\$ 2,100	\$ 2,400	\$ 2,800	\$ 3,200	\$ 3,500
Glenwood - Data Communications	\$ -	\$ -	\$ -	\$ 6,100	\$ 6,500	\$ 6,800	\$ 7,000	\$ 7,500
Glenwood - Wireless Voice & Data Communications	\$ 2,720	\$ 3,000	\$ 4,100	\$ 4,200	\$ 4,400	\$ 4,500	\$ 4,800	\$ 5,200
Glenwood - Plant Maintenance	\$ 3,445	\$ 8,400	\$ 3,500	\$ 8,500	\$ 8,800	\$ 8,800	\$ 8,800	\$ 8,800
Landscaping Expense	\$ 1,572	\$ 2,300	\$ 2,000	\$ 2,500	\$ 2,500	\$ 2,700	\$ 2,800	\$ 3,000

## Wastewater Budget Table WWB - 4 Operation and Maintenance Expenses - FY 15/16 - Final

Description	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
<b>Telemetry &amp; Signal System</b>	\$ 2,641	\$ 4,000	\$ 3,500	\$ 4,500	\$ 5,000	\$ 5,500	\$ 5,800	\$ 6,100
<i>SCADA Hardware</i>	\$ -	\$ 2,000	\$ 1,000	\$ 2,000	\$ 3,000	\$ 3,500	\$ 3,900	\$ 4,100
<i>SCADA Software</i>	\$ -	\$ 3,700	\$ -	\$ 4,000	\$ 4,400	\$ 4,700	\$ 5,000	\$ 5,400
<i>SCADA Phone Lines &amp; Radio</i>	\$ -	\$ 1,700	\$ -	\$ 1,160	\$ 1,150	\$ 1,300	\$ 1,300	\$ 1,300
<b>Glenwood - Uniforms</b>	\$ 3,233	\$ 3,000	\$ 3,200	\$ 2,830	\$ 3,000	\$ 3,200	\$ 3,400	\$ 3,500
<b>Glenwood - Safety and Security System</b>	\$ 8,020	\$ 6,000	\$ 5,500	\$ 5,800	\$ 5,800	\$ 6,000	\$ 6,300	\$ 6,500
<b>Training - Plant</b>	\$ 1,987	\$ 2,700	\$ 3,500	\$ 2,300	\$ 2,500	\$ 2,700	\$ 2,800	\$ 3,000
<b>Office Supplies &amp; Misc Expenses - Plant</b>	\$ 9,044	\$ 6,000	\$ 8,500	\$ 6,000	\$ 7,000	\$ 7,500	\$ 8,000	\$ 8,000
<b>Tools and Equipment Maintenance</b>	\$ 18,098	\$ 15,000	\$ 18,000	\$ 20,000	\$ 21,000	\$ 22,000	\$ 23,000	\$ 24,000
<b>Taxes - Property</b>	\$ 4,010	\$ 4,000	\$ 4,200	\$ 4,200	\$ 4,500	\$ 4,500	\$ 4,800	\$ 5,000
<b>Education Reimbursement/Cert. - WW</b>	\$ 622	\$ 3,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
<b>TOTAL PLANT OPERATING EXPENSES</b>	<b>\$ 72,282</b>	<b>\$ 81,000</b>	<b>\$ 76,750</b>	<b>\$ 82,600</b>	<b>\$ 88,900</b>	<b>\$ 94,100</b>	<b>\$ 98,700</b>	<b>\$ 103,200</b>
<b>COLLECTION SYSTEM EXPENSE</b>								
<b>Sewer Flow Monitoring Expense</b>	\$ 14,555	\$ 21,000	\$ 20,000	\$ 25,000	\$ 25,500	\$ 26,000	\$ 26,500	\$ 26,500
<b>Pipelines - Maintenance</b>	\$ 22,552	\$ 9,000	\$ 4,000	\$ 5,000	\$ 6,000	\$ 7,000	\$ 8,000	\$ 8,000
<b>Sewer Interceptor - Maintenance</b>	\$ 1,243	\$ 7,000	\$ 2,000	\$ 4,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
<b>Sewer Lift Station - Maintenance</b>	\$ 4,338	\$ 6,000	\$ 5,000	\$ 6,000	\$ 6,500	\$ 7,000	\$ 7,500	\$ 8,000
<b>Auto/Truck - Maintenance</b>	\$ 46,232	\$ 17,000	\$ 35,000	\$ 16,600	\$ 17,500	\$ 18,000	\$ 19,000	\$ 19,500
<i>Auto/Truck - Gas</i>	\$ 8,026	\$ 9,000	\$ 5,700	\$ 5,800	\$ 6,800	\$ 7,000	\$ 7,000	\$ 7,200
<i>Auto/Truck - Diesel</i>	\$ 5,681	\$ 5,800	\$ 5,800	\$ 5,800	\$ 6,000	\$ 6,300	\$ 6,500	\$ 6,500
<b>Sewer Camera Van Inspection</b>	\$ 3,248	\$ 1,500	\$ 3,000	\$ 3,500	\$ 4,000	\$ 3,000	\$ 3,000	\$ 3,000
<b>TOTAL COLLECTION SYSTEM EXPENSE</b>	<b>\$ 105,875</b>	<b>\$ 76,300</b>	<b>\$ 80,500</b>	<b>\$ 71,700</b>	<b>\$ 80,300</b>	<b>\$ 82,300</b>	<b>\$ 85,500</b>	<b>\$ 86,700</b>
<b>GENERAL AND ADMINISTRATIVE EXPENSES</b>								
<b>Engineering Department</b>	\$ 3,504	\$ 5,000	\$ 3,000	\$ 3,300	\$ 3,600	\$ 4,000	\$ 4,300	\$ 4,700
<b>Accounting - Audit</b>	\$ 15,079	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000	\$ 14,500	\$ 15,000	\$ 15,500
<b>Legal Consulting Fees</b>	\$ 15,546	\$ 14,000	\$ 15,000	\$ 15,000	\$ 15,500	\$ 16,600	\$ 17,000	\$ 17,500
<b>Administrative Consultants</b>	\$ 9,519	\$ 25,000	\$ 23,000	\$ 120,000	\$ 44,000	\$ 42,500	\$ 44,000	\$ 44,000
<b>General Insurance (General Liability, Property, Fidelity)</b>	\$ 46,256	\$ 53,000	\$ 45,000	\$ 53,000	\$ 56,000	\$ 59,000	\$ 62,000	\$ 65,000
<b>Office Maintenance</b>	\$ 3,378	\$ 3,300	\$ 3,300	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,400	\$ 4,700
<b>Landscape Maintenance - Office</b>	\$ 1,710	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,700	\$ 2,800	\$ 3,000	\$ 3,100
<b>Office Supplies &amp; Misc Expenses</b>	\$ 5,442	\$ 2,000	\$ 4,500	\$ 1,800	\$ 5,500	\$ 6,100	\$ 6,000	\$ 2,000
<b>Computers Hardware</b>	\$ 7,312	\$ 8,500	\$ 8,500	\$ 9,000	\$ 9,300	\$ 10,000	\$ 10,500	\$ 10,500
<b>Computer Software</b>	\$ 6,022	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000	\$ 14,000	\$ 14,000
<b>Computer Software Maintenance/License</b>	\$ 5,850	\$ 6,500	\$ 10,000	\$ 6,600	\$ 7,100	\$ 7,500	\$ 7,800	\$ 8,000
<b>Utilities - Office</b>	\$ 5,522	\$ 6,500	\$ 6,500	\$ 6,500	\$ 7,100	\$ 7,000	\$ 7,000	\$ 7,200
<b>Office - Voice Communications</b>	\$ 8,158	\$ 9,000	\$ 8,000	\$ 2,100	\$ 2,500	\$ 2,800	\$ 3,100	\$ 3,500
<b>Office - Data Communications</b>	\$ -	\$ -	\$ -	\$ 5,500	\$ 5,800	\$ 6,200	\$ 6,500	\$ 6,700
<b>Mills - Data Communications</b>	\$ -	\$ -	\$ -	\$ 4,700	\$ 5,000	\$ 5,200	\$ 5,600	\$ 6,000
<b>Office - Wireless Voice &amp; Data Communications</b>	\$ 5,019	\$ 5,500	\$ 2,500	\$ 5,660	\$ 5,800	\$ 6,000	\$ 6,200	\$ 6,200
<b>Printing, Postage, Stationery, Copier Maintenance</b>	\$ 41,406	\$ 38,000	\$ 38,000	\$ 36,000	\$ 37,500	\$ 38,000	\$ 38,500	\$ 39,500
<b>Election Expense</b>	\$ 36,751	\$ -	\$ -	\$ 40,000	\$ -	\$ 45,000	\$ -	\$ 50,000
<b>Uncollectible Accounts</b>	\$ 3,327	\$ 1,500	\$ 1,500	\$ 1,000	\$ 1,150	\$ 1,500	\$ 1,300	\$ 1,300

## Wastewater Budget Table WWB - 4 Operation and Maintenance Expenses - FY 15/16 - Final

Description	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Training - Office	\$ 1,172	\$ 3,300	\$ 1,500	\$ 3,000	\$ 1,150	\$ 1,300	\$ 1,500	\$ 1,700
Conferences and Seminars - Office	\$ 3,166	\$ 4,700	\$ 3,000	\$ 3,400	\$ 3,600	\$ 4,000	\$ 4,400	\$ 4,700
Board of Directors - Conferences and Seminars	\$ 1,072	\$ 700	\$ 1,000	\$ 500	\$ 650	\$ 660	\$ 750	\$ 800
Misc Administration - Office	\$ 1,085	\$ 1,700	\$ 7,500	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Membership Renewals/Subscriptions	\$ 7,591	\$ 8,500	\$ 7,500	\$ 8,800	\$ 8,800	\$ 9,500	\$ 9,500	\$ 10,000
Board of Directors - Misc Administration	\$ 444	\$ 400	\$ 700	\$ 650	\$ 650	\$ 660	\$ 660	\$ 660
Bank Charges	\$ 11,092	\$ 12,000	\$ 13,000	\$ 15,500	\$ 16,000	\$ 16,500	\$ 17,000	\$ 17,500
Rental Properties Expense	\$ 1,612	\$ 1,000	\$ 1,000	\$ 1,050	\$ 1,150	\$ 1,150	\$ 1,150	\$ 1,150
<b>GENERAL AND ADMINISTRATIVE EXPENSES</b>	<b>\$ 247,035</b>	<b>\$ 238,300</b>	<b>\$ 232,500</b>	<b>\$ 380,560</b>	<b>\$ 275,550</b>	<b>\$ 330,470</b>	<b>\$ 296,160</b>	<b>\$ 350,910</b>
<b>TOTAL WASTEWATER SYSTEM EXPENSE (W/O LA Treatment Costs)</b>	<b>\$ 1,778,396</b>	<b>\$ 1,952,600</b>	<b>\$ 1,806,100</b>	<b>\$ 2,123,920</b>	<b>\$ 2,051,810</b>	<b>\$ 2,152,630</b>	<b>\$ 2,160,820</b>	<b>\$ 2,261,570</b>
<b>TOTAL WASTEWATER SYSTEM EXPENSE (W/O LA Treatment &amp; Labor Costs)</b>	<b>\$ 425,192</b>	<b>\$ 395,600</b>	<b>\$ 389,750</b>	<b>\$ 534,860</b>	<b>\$ 444,750</b>	<b>\$ 506,870</b>	<b>\$ 480,360</b>	<b>\$ 540,810</b>



## Wastewater Budget Table WWB - 5 Reserve Targets - FY 15/16 - Final

Description	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Rate stabilization (a)	\$ 492,000	\$ 509,850	\$ 514,200	\$ 512,100	\$ 510,300	\$ 510,600	\$ 511,050	\$ 511,650
Emergency reserves (b)	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000
Depreciation (reserves for replacements)	\$ 800,000	\$ 850,000	\$ 850,000	\$ 900,000	\$ 950,000	\$ 1,000,000	\$ 1,050,000	\$ 1,100,000
Working cash (c)	\$ 300,000	\$ 330,000	\$ 300,000	\$ 350,000	\$ 340,000	\$ 360,000	\$ 360,000	\$ 380,000
<b>Total Target WW Reserves</b>	<b>\$ 2,342,000</b>	<b>\$ 2,439,850</b>	<b>\$ 2,414,200</b>	<b>\$ 2,512,100</b>	<b>\$ 2,550,300</b>	<b>\$ 2,620,600</b>	<b>\$ 2,671,050</b>	<b>\$ 2,741,650</b>

**Note:**

- Cash reserves target is per 6/30/03 policy in Annual Financial Statement
- a. Rate stabilization reserve target equals 15 percent of sewer sales
  - b. The emergency reserve is set at \$750,000.
  - c. The working cash level is set at two months of O&M expenses.

## Wastewater Budget Table WWB-6 CIP & Capital Outlay - FY 15/16 - Final

Description	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
<b>1. Collections Systems</b>	\$ 13,011	\$ 55,000	\$ 85,173	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
<b>2. Interceptor System</b>	\$ -	\$ 2,000	\$ -	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
<b>3. Lift Station</b>	\$ 6,071	\$ 3,000	\$ -	\$ 75,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
<b>4. Nitrate Plant Waste</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>4. Technology (Sewer Projects Only)</b>	\$ -	\$ 5,000	\$ 4,200	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
<b>5. Public Safety/Emergency Response</b>	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>6. Facilities &amp; Planning</b>	\$ -	\$ 20,000	\$ 6,500	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
<b>7. Misc. Sewer Projects</b>	\$ -	\$ 30,000	\$ -	\$ 8,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
<b>Total CIP Projects</b>	\$ 19,082	\$ 125,000	\$ 95,873	\$ 185,000	\$ 110,000	\$ 110,000	\$ 110,000	\$ 110,000
<b>Capital Outlay</b>								
Software (Spring Brook) - Fixed Assets	\$ -	\$ 3,750	\$ 3,750		\$ 3,750			
Spring Brook Software - Payroll Module						\$ 6,250		
Spring Brook Software - Work Order Module							\$ 8,750	
Spring Brook Software - Project Management Module								\$ 5,000
Upgrade SCADA Equipment	\$ -	\$ 6,600	\$ 6,600					
Upgrade Computer Hardware & Security	\$ -	\$ 6,600	\$ 6,600	\$ 8,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 6,600
Main Office - Roof	\$ -	\$ 10,000	\$ -					
Main Office - Seismic Upgrades	\$ -	\$ 17,000	\$ -					
Main Office - Upgrades	\$ -	\$ 2,050	\$ -	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Misc	\$ -			\$ 1,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
<b>Equipment Outlay</b>								
Emergency Generator - 70 kW (Field)	\$ -	\$ 5,000	\$ 5,000					
Sewer Cover Transmitter	\$ -	\$ 10,000	\$ -	\$ 5,000				
Sewer Vector Truck (3-year payback)					\$ 75,000	\$ 75,000	\$ 75,000	
Vehicle Replacement - Unit 10			\$ 21,660					
Vehicle Replacement - Unit 13			\$ 7,217					
Annual Vehicle Replacement (2 vehicles)		\$ 22,500	\$ -	\$ 75,000	\$ 20,250	\$ 24,750	\$ 25,250	\$ 25,400
<b>Total CO Projects</b>	\$ -	\$ 83,500	\$ 50,827	\$ 92,000	\$ 114,000	\$ 121,000	\$ 124,000	\$ 42,000
<b>Total CIP &amp; CO Projects</b>	\$ 19,082	\$ 208,500	\$ 146,700	\$ 277,000	\$ 224,000	\$ 231,000	\$ 234,000	\$ 152,000

## Wastewater Budget Table WWB - 7 Sources and Applications of Funds - FY 15/16 - Final

Budget	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
<b>REVENUE</b>								
Projected user charges	\$ 3,241,490	\$ 3,364,000	\$ 3,345,000	\$ 3,384,000	\$ 3,372,000	\$ 3,374,000	\$ 3,377,000	\$ 3,381,000
Total permit/connection fee	\$ 38,006	\$ 34,500	\$ 82,800	\$ 29,000	\$ 29,000	\$ 29,000	\$ 29,000	\$ 29,000
Transfer from MTBE for PERS Side Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest earnings	\$ 207	\$ 500	\$ 120	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
<b>TOTAL REVENUE</b>	<b>\$ 3,280,000</b>	<b>\$ 3,399,000</b>	<b>\$ 3,428,000</b>	<b>\$ 3,414,000</b>	<b>\$ 3,402,000</b>	<b>\$ 3,404,000</b>	<b>\$ 3,407,000</b>	<b>\$ 3,411,000</b>
<b>EXPENSE</b>								
City of LA Sewer Service Charges	\$ 951,312	\$ 1,760,300	\$ 677,000	\$ 1,523,000	\$ 1,523,000	\$ 1,523,000	\$ 1,523,000	\$ 1,523,000
Sewer Labor & Benefits	\$ 1,353,204	\$ 1,557,000	\$ 1,416,350	\$ 1,589,060	\$ 1,607,060	\$ 1,645,760	\$ 1,680,460	\$ 1,720,760
Sewer O & M Expense	\$ 425,192	\$ 399,900	\$ 389,750	\$ 535,000	\$ 445,000	\$ 507,000	\$ 480,000	\$ 541,000
Sewer CIP & CO Expense	\$ 19,082	\$ 208,500	\$ 146,700	\$ 277,000	\$ 224,000	\$ 231,000	\$ 234,000	\$ 152,000
PERS Side Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL EXPENSE</b>	<b>\$ 2,748,790</b>	<b>\$ 3,925,700</b>	<b>\$ 2,629,800</b>	<b>\$ 3,924,060</b>	<b>\$ 3,799,060</b>	<b>\$ 3,906,760</b>	<b>\$ 3,917,460</b>	<b>\$ 3,936,760</b>
Additions (reductions) to cash	\$ 531,210	\$ (526,700)	\$ 798,200	\$ (510,060)	\$ (397,060)	\$ (502,760)	\$ (510,460)	\$ (525,760)
Effective date of Wastewater rates	7/1/13	7/1/14	7/1/14	7/1/15	7/1/16	7/1/17	7/1/18	7/1/18
Rate increase	4.7%	4.7%	4.7%	0.0%	0.0%	0.0%	0.0%	0.0%
User Charge (monthly EDUs)	\$ 32.25	\$ 33.75	\$ 33.75	\$ 33.75	\$ 33.75	\$ 33.75	\$ 33.75	\$ 33.75
Commercial - Monthly Cost	\$ 2.00	\$ 2.10	\$ 2.10	\$ 2.10	\$ 2.10	\$ 2.10	\$ 2.10	\$ 2.10
Commercial - \$/Unit	\$ 5.30	\$ 5.50	\$ 5.50	\$ 5.50	\$ 5.50	\$ 5.50	\$ 5.50	\$ 5.50
Secondary School - Quantity Charge per 100 ADA	\$ 154.90	\$ 162.10	\$ 162.10	\$ 162.10	\$ 162.10	\$ 162.10	\$ 162.10	\$ 162.10
Primary School - Quantity Charge per 100 ADA	\$ 77.40	\$ 81.00	\$ 81.00	\$ 81.00	\$ 81.00	\$ 81.00	\$ 81.00	\$ 81.00
<b>Customer Revenue EDUs</b>								
FY beginning Wastewater Reserves	\$ 3,974,320	\$ 4,505,530	\$ 4,505,530	\$ 5,303,730	\$ 4,793,670	\$ 4,396,610	\$ 3,893,850	\$ 3,383,390
Additions (reductions)	\$ 531,210	\$ (526,700)	\$ 798,200	\$ (510,060)	\$ (397,060)	\$ (502,760)	\$ (510,460)	\$ (525,760)
FY ending Wastewater Reserves	\$ 4,505,530	\$ 3,978,830	\$ 5,303,730	\$ 4,793,670	\$ 4,396,610	\$ 3,893,850	\$ 3,383,390	\$ 2,857,630
<b>TOTAL TARGET WASTERWATER CASH RESERVES</b>	<b>\$ 2,342,000</b>	<b>\$ 2,439,850</b>	<b>\$ 2,414,200</b>	<b>\$ 2,512,100</b>	<b>\$ 2,550,300</b>	<b>\$ 2,620,600</b>	<b>\$ 2,671,050</b>	<b>\$ 2,741,650</b>
Above (below) target	\$ 2,163,530	\$ 1,538,980	\$ 2,889,530	\$ 2,281,570	\$ 1,846,310	\$ 1,273,250	\$ 712,340	\$ 115,980

# **RESOLUTION NO. 726**

## **RESOLUTION OF THE BOARD OF DIRECTORS OF CRESCENTA VALLEY WATER DISTRICT**

### **REVISING RATES AND CHARGES FOR WASTEWATER SERVICE**

**WHEREAS**, the Crescenta Valley Water District (District) is a county water district empowered under the Water Code to fix rates and charges for its wastewater service;

**WHEREAS**, by its Resolution No. 717 adopted June 17, 2014, the District's Board of Directors implemented changes in the District's wastewater rates and charges, including a scheduled increase that was to go into effect for bills after July 1, 2015;

**WHEREAS**, District staff has reviewed the District's financial position and determined that the scheduled increase in wastewater rates and charges that was to go into effect for bills rendered after July 1, 2015 is not necessary for the District to meet its financial obligations;

**WHEREAS**, pursuant to section 15273 of the District's CEQA guidelines, the Board of Directors hereby finds that the proposed rates and charges are for the purpose of meeting operating expenses, including employee wage rates and fringe benefits, purchasing or leasing supplies, equipment, or material, meeting financial reserve needs and requirements, and obtaining funds for capital projects, necessary to maintain service within existing service areas, cost to the City of Los Angeles for wastewater treatment and disposal and therefore the California Environmental Quality Act does not apply to the approval of the rates and charges;

**NOW, THEREFORE, BE IT RESOLVED** that the Board of Directors of the Crescenta Valley Water District authorize that Appendix H of the District's Rules and Regulations, Rates and Charges for Wastewater Services, is amended to read as attached, specifically including the foregoing of the scheduled increase in wastewater rates and charges that was to go into effect for bills rendered after July 1, 2015.

**PASSED, APPROVED, AND ADOPTED** at a Special Meeting of the Board of Directors of Crescenta Valley Water District held on June 30, 2015. Resolution No. 726 was adopted by the following vote:

<b>AYES:</b>	<b>Director</b>
	<b>Director</b>
	<b>Director</b>
	<b>Director</b>
	<b>Director</b>

**NOES:**

**ATTEST:**

---

**President, Board of Directors  
Crescenta Valley Water District**

---

**Secretary of the Board of Directors of  
Crescenta Valley Water District**

**APPENDIX H**

**CRESCENTA VALLEY WATER DISTRICT**

**RATES AND CHARGES FOR SEWER  
SERVICE**

# CRESCENTA VALLEY WATER DISTRICT

## APPENDIX H

### RATES AND CHARGES FOR SEWER SERVICE

**Service Charge:** Each user of the District’s sewer system shall pay a monthly sewer service charge as follows for all billings after July 1, 2014 and after July 1, 2015\*:

*\*The monthly sewer service charge was not put into effect or suspended on July 1, 2015. The monthly sewer service charge will remain at the July 1, 2014 charges.*

<u>Customer Class</u>	<u>July 1, 2014 Monthly Charge</u>	<u>July 1, 2015 Monthly Charge</u>
Single Family Dwelling Unit	\$33.75	<del>\$35.25</del>
Multiple Family Dwelling Units (Per Dwelling Unit)	\$33.75	<del>\$35.25</del>
<b><u>Secondary School</u></b>		
Customer Charge	\$2.10	<del>\$2.20</del>
Quantity Charge per 100 ADA	\$162.10	<del>\$169.30</del>
<b><u>Primary School</u></b>		
Customer Charge	\$2.10	<del>\$2.20</del>
Quantity Charge per 100 ADA	\$81.00	<del>\$84.60</del>
<b><u>Commercial/Institutional User</u></b>		
Customer Charge	\$2.10	<del>\$2.20</del>
Quantity Charge per 1000 Gallons of Water Usage	\$5.50	<del>\$5.70</del>
Minimum Charge for Each Commercial User	\$33.75	<del>\$35.25</del>

Rates &  
Charges  
Suspended  
for July 1,  
2015

**Sewer Service Discount:** A 10% discount on sewer service fees shall be applied to any qualifying account in any bi-monthly billing period where total water usage is at or below the following thresholds:

<u>Customer Class</u>	<u>Water Usage Threshold</u>
Single Family Dwelling Unit	12 billing units
Multiple Family Dwelling Unit (units x total)	12 billing units per number of dwelling units
Commercial User	12 billing units

**Sewer Connection Surcharge:** \$500.00 per equivalent dwelling unit for each sewer lateral connection outside of District boundaries. Surcharge is applicable to all such connections approved after January 1, 2001.

**Sewer Connection Permit Fee:** \$500

**Standby Charge:** \$8 per Account per month

## **SEWER SERVICE CONNECTION CHARGE:**

**1. CVWD Component:** The basic charge is \$1400 per equivalent dwelling unit for calendar year 1995. On January first of each year the preceding year's charges shall be escalated according to the following equations:

$$C = \frac{(P_T \times 1.04) + P_X}{D_T}$$

Where:	C =	Current year's connection charge (new charge) per equivalent dwelling unit
	P <sub>T</sub> =	Total cumulative District capital contributions to City of Los Angeles system exactly one-year prior (basis of \$11,594,387 on January 1, 1995)
	P <sub>X</sub> =	Prior year's District capital contributions to City of Los Angeles system
	D <sub>T</sub> =	Total cumulative equivalent Dwelling units connected to District sewer system to date
	1.04	Represents 6 percent inflation less 2 percent depreciation

**C = \$2,180 per equivalent dwelling unit for fiscal year 2015/16**

### **2. City of Los Angeles Component**

Amalgamated System Sewerage Facilities Charge (ASSFC) based on the following calculation from the City of L.A. Bureau of Sanitation plus 10% administration charge; adjusted annually.

$$ASSFC = (FCR \times \Delta F) + (CCR \times \Delta F \times D) + (BODCR \times \Delta BOD_5) + (SSCR \times \Delta SS)$$

Where:	FCR =	Flow Charge Rate, \$/mgd
	CCR =	Conveyance Charge Rate, \$/mgd-miles
	BODCR =	BOD Charge Rate, \$/ppd SS
	SSCR =	SS Charge Rate, \$/ppd
	F =	Flow, mgd
	D =	Flow-weighted average centroidal distance, miles
	BOD <sub>5</sub> =	Biochemical Oxygen Demand (5-day), ppd
	SS =	Suspended Solids, ppd
	Δ =	Net change in designated constituent from previous to proposed land use
	Mgd =	Millions gallons per day
	ppd =	Pounds per day

Also: Flow, BOD, SS values are based upon City of Los Angeles' table of Sewage Generation Factors for various developed land uses.

Charge Rates are based upon values published by City of Los Angeles Bureau of Sanitation and vary annually with Bureau expenses and capital outlay.