CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

Budget Workshop
May 21, 2019

To: Honorable President and Members of the Board of Directors

From: Ron L. Mitchell, Secretary-Treasurer

Subject: **FY 2019/20 Board Budget Workshop**

FY 2019/20 Board Budget Workshop – Discussion of FY 2019/20 Water Budget and Capital Improvement Program.

BACKGROUND

Updated projections of revenues and expenses for Water and Wastewater operations for Fiscal Year 2018/19, based upon information through April transactions, have been prepared by staff for the Board's review and workshop discussion. These projected numbers have been placed into the updated Cash Flow sheet included in this report. This updated model will include the transfer of MTBE funds to the Water reserve funds and includes 7% water rate increases for the next five years to support CIP and build water reserves back to target levels. Staff will provide at the meeting an updated schedule of the MTBE funds to show the amounts received, expensed, and transferred by Board direction.

Staff has included updated detailed operating budgets for each department for FY 2019/20 that shows increases and decreases (highlighted in green and red respectively) to expenses and explanations to help the Board and public understand why the numbers have changed from the previous fiscal year.

Staff has prepared a graph that shows financial trends of the Water operations from 2008 that includes revenues, expenses, target reserve levels and actual reserve levels as requested at the last Board meeting.

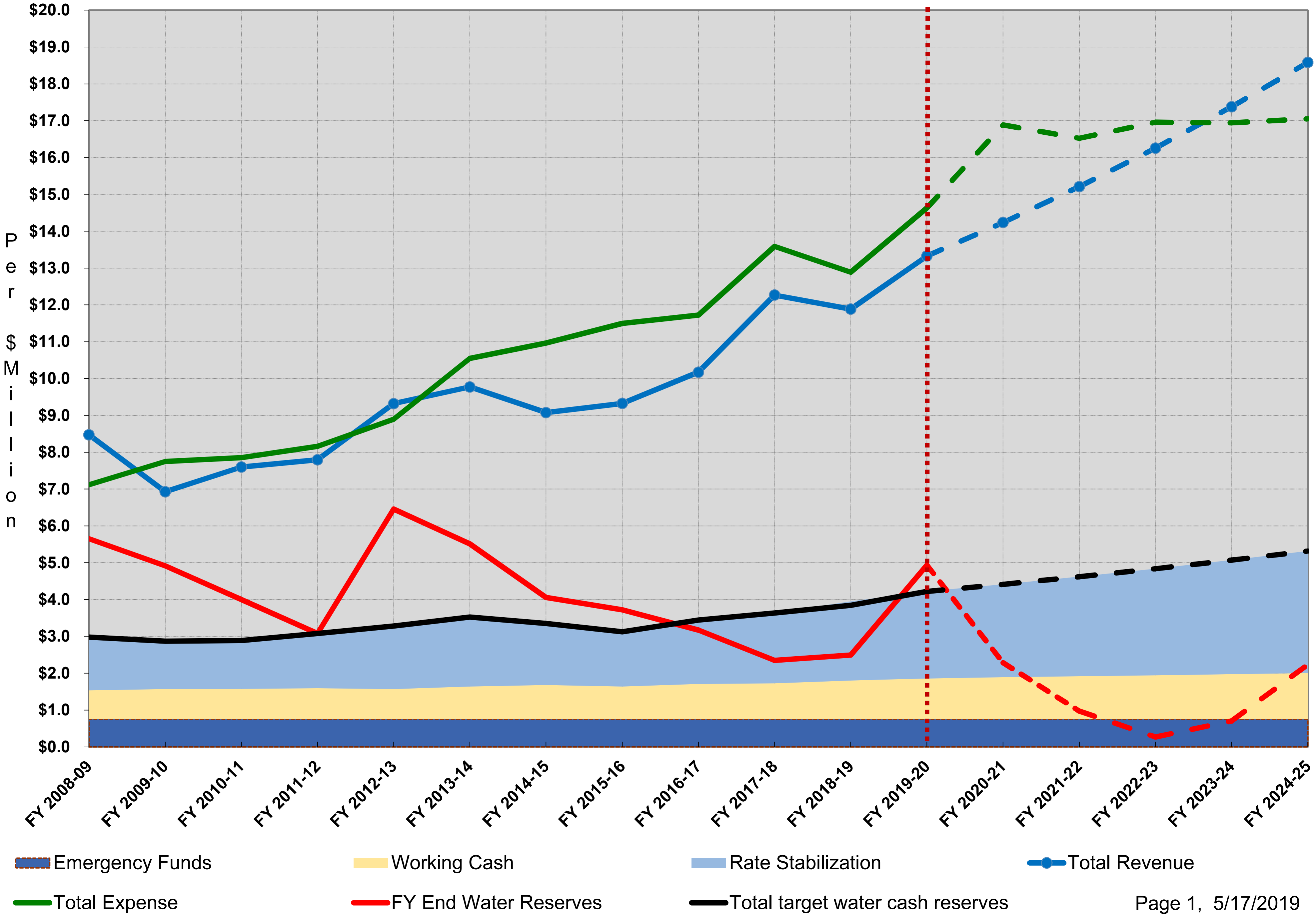
Staff has also included a 5-year Capital Improvement Projects Priority List broken down by staff's opinion of priorities labeled A, B, and C. The list also provides a description of the project, estimated costs, and places them in priority order.

Submitted by:

Ron Mitchell

Ron L. Mitchell
Secretary-Treasurer

Crescenta Valley Water District
Expenses, Revenues & Reserves - Historical Summary



Crescenta Valley Water District
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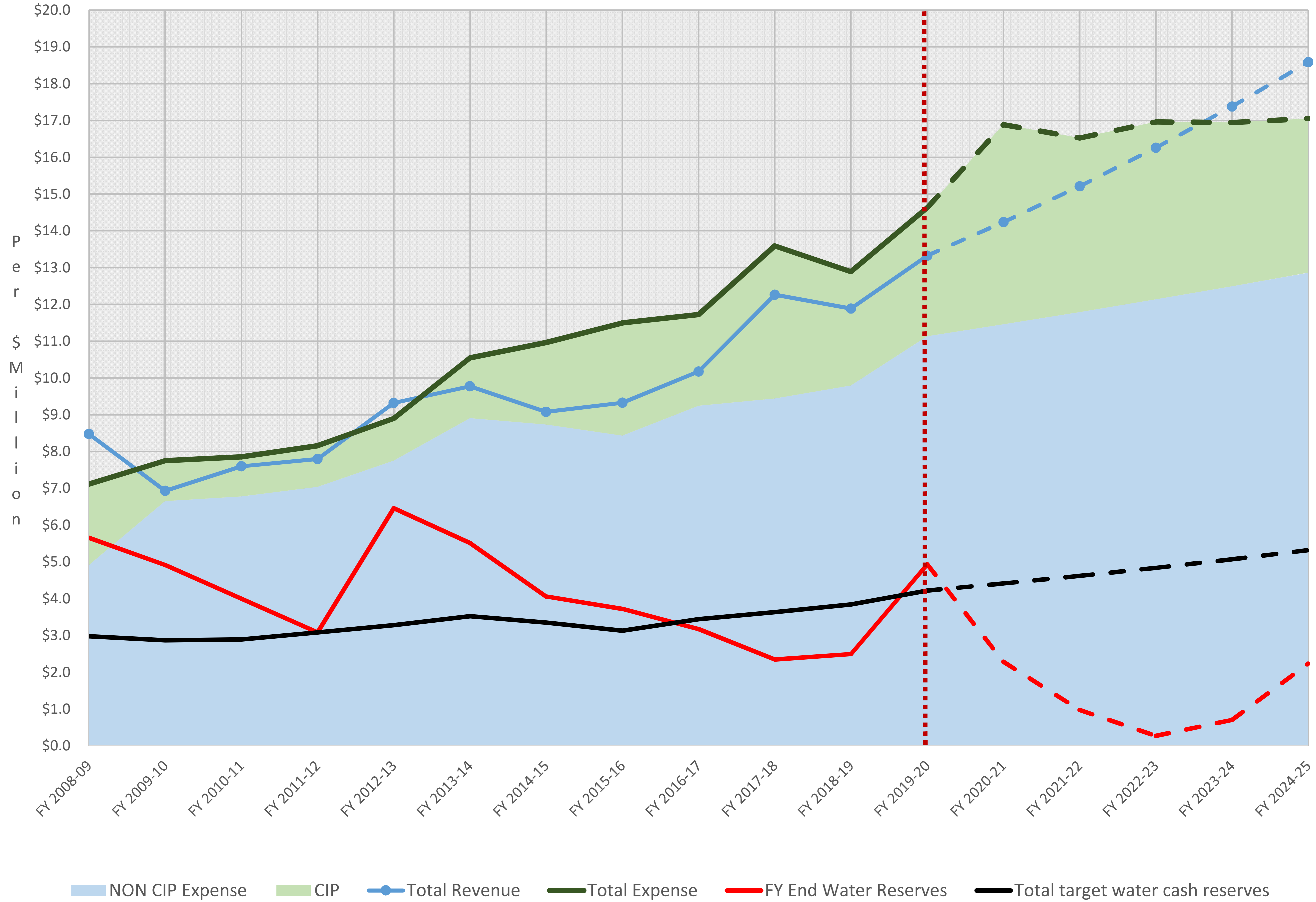

CRESCENTA VALLEY WATER DISTRICT
Fiscal Year 2018-19 (year ending June 30, 2019)
Quarterly Financials - as of April 2019

Description	Current: FY 2018-19 Adopted Budget ($)	Current: Projected Year-End Balance ($) *Based on 10months*	Current: Projected Variance ($) *Based on 10 Months* Better / (Worse)
Water Operations			
Operating Revenues	11,652,512	11,003,935	(648,577)
Non-Operating Revenue	844,988	880,335	35,347
Revenues	12,497,500	11,884,270	(613,230)
Water System Expense	4,651,965	4,143,734	508,231
Compensation and Benefits	3,233,185	3,175,518	57,667
Gen'l and Admin Expenses	710,000	659,109	50,891
Water Plant Operation Expense	536,000	473,999	62,001
Distribution System Expense	1,084,800	801,351	283,449
Non-Operating Expense	552,500	539,645	12,855
Expenses	10,768,450	9,793,357	975,093
Revenue minus Expenses	1,729,050	2,090,914	361,864
Wtr Capital Improvements [1]	1,476,500	1,820,000	(343,500)
Wtr Capital Outlay & Equipment	173,775	173,775	0
OPEB Fund	100,000	100,000	0
Addition/(Reduction) to Working Cash	(21,225)	(2,861)	18,364
Wastewater Operations			
Operating Revenues	3,235,922	3,436,211	200,289
Non-Operating Revenue	8,000	9,687	1,687
Revenues	3,243,922	3,445,898	201,976
Wastewater System Expense	1,253,000	1,201,540	51,460
Compensation and Benefits	1,685,781	1,584,544	101,237
Gen'l and Admin Expenses	281,159	309,626	(28,467)
Wastewater Operation Expense	74,212	75,385	(1,173)
Collection System Expense	93,774	66,567	27,207
Non-Operating Expense	850	628	222
Expenses	3,388,776	3,238,290	150,486
Revenue minus Expenses	(144,854)	207,608	352,462
WW Capital Improvements	175,000	175,000	0
WW Capital Outlay & Equipment	80,000	80,000	0
OPEB Fund	200,000	200,000	0
Addition/(Reduction) to Working Cash	(599,854)	(247,392)	352,462

1 - During FY 208-19, the Board authorized additional funding of $1,000,000 to address the TTHM water quality issue. Of this amount, $930,000 has been spent to date. These amounts are not included in the Water CIP number.

CRESCENTA VALLEY WATER DISTRICT *Cash Flow Forecast as of Apr 2019* Water Fund		2018-19 Budget	ACTUAL Jul-18	ACTUAL Aug-18	ACTUAL Sep-18	ACTUAL Oct-18	ACTUAL Nov-18	ACTUAL Dec-18	ACTUAL Jan-19	ACTUAL Feb-19	ACTUAL Mar-19	Apr-19	May-19	Jun-19	STRAIGHT-LINE FORECAST Jul-18 to Jun-19	MANAGEMENT FORECAST Jul-18 to Jun-19	Budget Variance $ Better / (Worse)	% Better / (Worse)
		(Current)	1	2	3	4	5	6	7	8	9	10	11	12	10	10	10	10
INCOME																		
	Operating Revenues																	
01-00-4010-000	Water Sales - Consumers	8,237,558	711,003	1,753,748	2,669,038	3,311,484	3,943,187	4,418,208	4,862,390	5,082,180	5,695,077	5,949,300	-	-	7,139,159	7,331,427	(906,131)	-11.0%
01-00-4010-007	Irrigation - added to Water Sales	366,365	81,585	141,972	296,741	383,026	387,977	398,648	400,697	408,722	409,968	413,948	-	-	496,738	512,911	146,546	40.0%
01-00-4010-008	Water Sales- Service Charge	2,816,459	232,681	469,623	699,094	929,553	1,160,945	1,391,657	1,624,181	1,754,921	2,110,308	2,295,837	-	-	2,755,005	2,755,005	(61,454)	-2.2%
01-00-4010-009	Water Sales - Fire Service	70,316	6,507	12,707	18,869	25,020	31,180	37,334	43,489	48,822	50,040	57,709	-	-	69,250	69,250	(1,066)	-1.5%
01-00-4020-000	Water Sales - Others	68,374	10,085	14,720	18,385	23,430	32,060	37,457	43,784	47,000	53,890	59,436	-	-	71,323	71,323	2,949	4.3%
01-00-4110-000	Meter Installation/Hydrant	43,440	26,850	31,850	31,850	31,850	39,350	39,350	39,350	39,350	45,350	45,350	-	-	54,420	54,420	10,980	25.3%
01-00-4220-000	Water Systems Connect Fee	45,000	8,431	16,413	19,866	39,412	67,914	105,406	108,698	112,589	122,692	138,107	-	-	165,728	165,728	120,728	268.3%
01-00-4230-000	Other Income - Misc	5,000	-	-	338	5,866	6,136	8,180	8,480	9,778	10,116	12,059	-	-	14,471	14,471	9,471	189.4%
01-00-4230-010	Other Income - Flooding Meters	-	-	-	-	-	-	-	-	-	-	2,300	-	-	2,760	2,760	2,760	
01-00-4230-020	Other Income - New Accounts	-	2,920	5,560	6,880	11,708	13,348	14,708	15,908	17,188	18,748	22,200	-	-	26,640	26,640	26,640	
	Operating Revenues	**11,652,512**	**1,080,063**	**2,446,594**	**3,761,061**	**4,761,348**	**5,682,097**	**6,450,949**	**7,146,978**	**7,520,549**	**8,516,190**	**8,996,246**	**-**	**-**	**10,795,495**	**11,003,935**	**(648,577)**	**-5.6%**
	Non-Operating Revenues																	
01-00-4240-000	Interest Earned - Water	181,000	12,000	24,000	36,000	103,132	128,379	175,000	190,000	205,000	220,000	225,000	-	-	270,000	270,000	89,000	49.2%
01-00-4245-000	Interest Earned-2007 COPS Proc	840	1	1	1	1	1	1	1	1	1	1	-	-	1	1	(839)	-99.9%
01-00-4270-000	Gain/Loss on Sale of Assets	-	-	-	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	-	-	1,920	1,920	1,920	
01-00-4271-000	Gain/Loss on Sale of Investments	60,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(60,000)	-100.0%
01-00-4275-001	Rental Income	7,000	900	900	1,800	3,600	4,500	5,400	5,400	7,200	7,200	8,100	-	-	9,720	9,720	2,720	38.9%
01-00-4275-002	Rental Income	16,000	1,500	3,000	4,500	6,000	7,500	9,000	10,500	12,000	13,500	15,000	-	-	18,000	18,000	2,000	12.5%
01-00-4285-000	Grant Revenue	580,148	-	-	145,036	193,381	241,726	290,071	338,416	386,761	435,107	483,452	-	-	580,142	580,142	(6)	0.0%
01-00-4280-000	MTBE Settlement	-	-	270	270	270	365	365	365	365	365	460	-	-	552	552	552	
	Non-Operating Revenues	**844,988**	**14,401**	**28,171**	**189,207**	**307,983**	**384,071**	**481,437**	**546,282**	**612,927**	**677,773**	**733,612**	**-**	**-**	**880,335**	**880,335**	**35,347**	**4.2%**
TOTAL INCOME		**12,497,500**	**1,094,464**	**2,474,765**	**3,950,268**	**5,069,331**	**6,066,168**	**6,932,386**	**7,693,260**	**8,133,476**	**9,193,962**	**9,729,859**	**-**	**-**	**11,675,830**	**11,884,270**	**(613,230)**	**-4.9%**
EXPENSES																		
	Water Purchases & Power																	
01-02-5401-000	Purchased Water	3,921,540	357,209	731,100	1,076,607	1,389,960	1,685,172	1,930,115	2,152,735	2,323,590	2,490,648	2,735,122	-	-	3,282,146	3,333,309	588,231	15.0%
01-02-5400-000	Water Usage Cost Expense Well 16	16,000	6,340	12,510	18,227	24,121	29,499	34,742	45,565	55,793	60,522	70,522	-	-	84,626	96,000	(80,000)	-500.0%
01-02-5402-000	Power Purchased - Pumping	714,425	62,367	134,711	192,120	260,123	318,112	364,574	430,982	477,268	521,867	598,932	-	-	718,718	714,425	-	0.0%
	Water Purchases & Power	**4,651,965**	**425,916**	**878,321**	**1,286,954**	**1,674,203**	**2,032,784**	**2,329,431**	**2,629,282**	**2,856,651**	**3,073,038**	**3,404,576**	**-**	**-**	**4,085,491**	**4,143,734**	**508,231**	**10.9%**
	Compensation & Benefits																	
01-01-5000-000	Director Fees	9,000	900	1,530	2,250	3,015	3,825	4,185	4,950	5,715	6,570	7,245	-	-	8,694	8,694	306	3.4%
01-01-5010-000	Officer Salaries	181,115	16,377	30,058	43,137	58,893	74,900	89,231	104,414	118,647	133,926	150,066	-	-	180,079	180,079	1,036	0.6%
01-01-5015-000	Administrative Services-Labor	389,732	31,064	60,758	88,042	120,267	152,050	180,748	210,202	238,550	266,228	292,588	-	-	351,105	351,105	38,627	9.9%
01-01-5015-100	Administrative Services-OT	4,000	318	700	1,123	1,427	1,708	1,944	2,938	3,384	3,672	4,312	-	-	5,175	5,175	(1,175)	-29.4%
01-01-5020-000	Engineering-Labor	349,888	31,167	56,412	69,154	95,598	126,290	154,286	178,847	206,622	237,936	265,008	-	-	318,009	318,009	31,879	9.1%
01-01-5020-100	Engineering-OT	3,000	629	1,086	1,429	1,667	1,838	1,838	3,616	4,702	4,702	5,690	-	-	6,828	6,828	(3,828)	-127.6%
01-01-5045-000	Automobile Allowance	10,200	975	1,950	2,925	3,900	4,875	5,850	6,700	7,675	8,650	9,625	-	-	11,550	11,550	(1,350)	-13.2%
01-01-5050-000	Employer Portion of PERS	389,195	31,771	63,559	95,343	127,567	159,384	191,200	222,966	254,678	286,035	317,686	-	-	381,223	381,223	7,972	2.0%
01-01-5060-000	Taxes-Payroll	143,402	11,567	23,865	35,541	46,352	57,109	67,594	86,663	98,710	109,901	121,376	-	-	145,652	145,652	(2,250)	-1.6%
01-01-5070-000	Sick Leave/Vacation-Office	116,069	13,572	23,916	35,478	47,040	57,104	66,484	83,088	92,585	93,866	93,866	-	-	112,639	112,639	3,430	3.0%
01-01-5080-000	Health Dental Vision-Office	152,487	11,654	25,913	38,170	51,417	65,662	78,960	91,581	105,309	119,036	132,715	-	-	159,259	159,259	(6,772)	-4.4%
01-01-5080-055	Retiree Health Care Expense	84,507	9,581	19,162	28,406	37,650	46,644	55,502	67,067	76,648	86,229	95,810	-	-	114,972	114,972	(30,465)	-36.1%
01-01-5082-000	Life and Disability Insurance	9,856	800	1,988	2,940	3,893	4,846	5,799	6,692	7,643	8,590	9,536	-	-	11,443	11,443	(1,587)	-16.1%
01-01-5083-000	Self Insurance-Managers	12,600	570	1,831	4,338	4,994	6,607	7,035	7,421	7,540	7,927	7,927	-	-	9,512	12,012	588	4.7%
01-01-5085-000	Workers' Compensation Ins-Office	18,490	1,841	3,727	5,580	7,439	9,277	11,105	13,484	15,436	17,227	17,792	-	-	21,351	21,351	(2,861)	-15.5%
01-02-5015-000	Administrative Services-Plant	234,999	19,908	36,772	55,600	76,782	99,361	119,402	140,532	160,182	178,935	196,733	-	-	236,079	236,079	(1,080)	-0.5%
01-02-5015-100	Administrative OT-Plant	400	-	171	171	171	187	187	600	600	600	600	-	-	720	720	(320)	-79.9%

CRESCENTA VALLEY WATER DISTRICT		**2018-19**	**ACTUAL**	**ACTUAL**	**ACTUAL**	**ACTUAL**	**ACTUAL**	**ACTUAL**	**ACTUAL**	**ACTUAL**	**ACTUAL**				**STRAIGHT-LINE**	**MANAGEMENT**	**Budget Variance**	
Cash Flow Forecast as of Apr 2019															**FORECAST**	**FORECAST**	$ Better /	% Better /
Water Fund		**Budget**	**Jul-18**	**Aug-18**	**Sep-18**	**Oct-18**	**Nov-18**	**Dec-18**	**Jan-19**	**Feb-19**	**Mar-19**	**Apr-19**	**May-19**	**Jun-19**	**Jul-18 to Jun-19**	**Jul-18 to Jun-19**	(Worse)	(Worse)
		(Current)	1	2	3	4	5	6	7	8	9	10	11	12	10	10	10	10
01-02-5030-000	System Operations	325,852	23,982	48,253	66,282	93,046	122,715	148,681	174,988	200,660	222,806	243,899	-	-	292,679	292,679	33,173	10.2%
01-02-5030-100	System Operations OT	15,000	825	5,222	6,484	8,090	9,414	11,317	14,415	14,550	14,712	15,608	-	-	18,730	18,730	(3,730)	-24.9%
01-02-5035-000	Maintenance - Labor	373,959	38,423	74,275	99,067	152,432	189,708	222,276	258,735	294,453	327,909	332,141	-	-	398,569	398,569	(24,610)	-6.6%
01-02-5035-100	Maintenance OT	45,000	2,270	12,339	17,782	20,033	23,289	24,078	27,140	28,559	29,775	32,272	-	-	38,726	44,726	274	0.6%
01-02-5036-000	Standby Pay	46,458	3,916	7,945	25,012	15,610	21,885	28,862	32,705	36,528	40,011	43,870	-	-	52,644	52,644	(6,186)	-13.3%
01-02-5070-000	Sick Leave/Vacation-Plant	77,379	9,048	15,944	23,652	31,360	38,069	44,323	55,392	61,724	62,577	62,577	-	-	75,093	75,093	2,286	3.0%
01-02-5080-000	Health Dental Vision-Plant	165,687	11,984	20,929	31,879	43,522	51,510	63,371	74,563	86,696	98,306	109,917	-	-	131,900	131,900	33,787	20.4%
01-02-5085-000	Workers' Compensation Ins-Plant	74,910	7,076	14,718	21,970	29,096	36,339	43,543	53,856	61,002	68,076	70,322	-	-	84,387	84,387	(9,477)	-12.7%
	Compensation & Benefits	**3,233,185**	**280,215**	**553,024**	**801,756**	**1,081,262**	**1,364,597**	**1,627,803**	**1,923,556**	**2,188,799**	**2,434,203**	**2,639,182**	-	-	**3,167,018**	**3,175,518**	57,667	1.8%
	General & Administrative																	
01-01-5090-000	GL, Property, Fidelity Ins	52,000	4,802	9,603	14,405	18,214	22,024	26,825	30,634	34,444	34,444	38,253	-	-	45,904	49,904	2,096	4.0%
01-01-5100-000	Accounting	7,500	-	-	-	-	-	6,135	6,135	6,800	6,800	7,200	-	-	8,640	6,800	700	9.3%
01-01-5125-000	Legal	60,000	3,986	8,756	11,699	11,626	13,612	16,473	19,984	24,598	28,920	40,644	-	-	48,773	48,773	11,227	18.7%
01-01-5130-000	Administrative Consultants	105,000	1,180	4,580	8,780	11,363	16,643	21,565	24,732	27,704	31,972	36,233	-	-	43,480	105,000	-	0.0%
01-01-5140-000	Election Expense	40,000	-	-	-	-	-	-	-	53	53	53	-	-	64	64	39,936	99.8%
01-01-5150-000	Building Maintenance-Office	12,000	517	9,337	10,195	12,106	13,844	15,612	16,451	18,493	18,929	19,366	-	-	23,239	23,239	(11,239)	-93.7%
01-01-5170-000	Landscaping Expense	12,000	343	686	1,029	1,372	1,716	2,059	2,402	2,790	3,178	3,566	-	-	4,279	4,279	7,721	64.3%
01-01-5180-000	Office Supplies & Misc Expense	5,500	230	1,013	1,645	1,824	2,447	2,667	3,164	3,350	3,942	4,293	-	-	5,151	5,151	349	6.3%
01-01-5190-000	Computers and Network	25,000	1,181	3,882	4,996	6,404	7,827	9,267	11,647	13,117	16,246	17,304	-	-	20,765	20,765	4,235	16.9%
01-01-5195-000	Computer Software	53,000	1,328	5,097	6,472	8,016	9,647	11,186	15,333	16,487	17,938	34,474	-	-	41,369	41,369	11,631	21.9%
01-01-5200-000	Utilities	21,000	1,783	4,107	4,988	7,261	8,317	9,685	11,027	12,521	13,439	14,992	-	-	17,990	17,990	3,010	14.3%
01-01-5225-000	Enterprise Voice Communications	40,000	466	946	1,460	3,013	3,546	4,080	4,898	5,676	6,357	7,169	-	-	8,603	8,603	31,397	78.5%
01-01-5226-000	Wireless Voice & Data Communications	14,000	928	4,774	6,043	12,100	13,071	14,546	15,978	17,893	19,218	20,530	-	-	24,636	24,636	(10,636)	-76.0%
01-01-5227-000	Data Communications	49,000	4,541	9,081	13,617	18,153	24,857	29,432	38,313	38,621	43,234	47,824	-	-	57,389	57,389	(8,389)	-17.1%
01-01-5230-000	Printing Postage Stationery	35,000	961	3,860	12,370	14,386	16,339	20,705	23,087	25,918	29,114	36,469	-	-	43,763	43,763	(8,763)	-25.0%
01-01-5240-000	Uncollectible Accounts	4,000	-	-	-	-	-	1,619	1,619	1,619	1,619	1,619	-	-	1,942	1,942	2,058	51.4%
01-01-5250-000	Water System Fees	50,000	6,982	6,744	6,744	10,784	14,530	39,655	42,343	42,728	44,023	44,111	-	-	52,933	70,933	(20,933)	-41.9%
01-01-5260-000	Engineering Expense	10,000	1,121	1,794	2,418	3,255	3,973	4,839	5,490	6,107	6,937	8,937	-	-	10,724	10,724	(724)	-7.2%
01-01-5270-001	Water Conservation Expense	25,500	175	1,675	9,393	9,393	9,628	9,803	9,803	9,803	9,803	9,803	-	-	11,764	11,764	13,736	53.9%
01-01-5270-002	Water Conservation Advertising	2,500	850	850	850	2,193	2,273	2,273	3,123	3,473	4,324	4,324	-	-	5,189	5,189	(2,689)	-107.5%
01-01-5270-003	Water Conservation Turf Rebate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
01-01-5270-005	Water Conservation Rebates	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,000	100.0%
01-01-5270-006	Interns	-	-	2,670	5,578	7,238	7,238	7,358	7,358	7,463	7,823	8,123	-	-	9,747	9,747	(9,747)	
01-01-5270-007	Community Outreach	5,000	-	742	742	742	1,692	1,842	1,842	1,842	1,842	1,842	-	-	2,210	6,210	(1,210)	-24.2%
01-01-5300-000	Training-Office	7,500	19	1,321	1,704	3,176	3,314	3,290	3,441	4,056	5,795	5,813	-	-	6,976	6,976	524	7.0%
01-01-5320-000	Conferences & Seminars	8,500	1,043	1,578	2,113	3,377	4,682	6,347	6,547	7,076	7,756	9,276	-	-	11,131	11,131	(2,631)	-31.0%
01-01-5320-005	Conferences & Seminars-Board	5,000	-	-	62	62	62	581	581	619	1,163	1,163	-	-	1,395	4,395	605	12.1%
01-01-5350-000	Misc Administration	4,000	407	892	1,134	1,712	2,057	2,579	3,187	3,940	4,422	4,773	-	-	5,727	5,727	(1,727)	-43.2%
01-01-5350-005	Misc Administration-Board	2,000	185	381	670	907	1,206	1,320	1,420	1,589	1,690	1,862	-	-	2,235	2,235	(235)	-11.7%
01-01-5355-000	Memberships/Subscriptions	25,000	703	740	1,473	16,967	17,057	17,948	18,371	18,431	18,572	18,572	-	-	22,286	22,286	2,714	10.9%
01-01-5365-000	Bank Charges	25,000	1,985	4,178	6,579	9,346	12,978	16,047	19,213	21,880	24,284	26,771	-	-	32,125	32,125	(7,125)	-28.5%
	General & Administrative	**710,000**	**35,713**	**89,287**	**137,158**	**194,990**	**234,581**	**305,736**	**348,123**	**379,090**	**413,836**	**475,357**	-	-	**570,429**	**659,109**	**50,891**	**7.2%**
	Plant Operations																	
01-02-5145-000	Taxes-Property	13,000	-	-	-	4,486	5,607	6,729	7,850	8,972	10,093	10,093	-	-	12,112	12,112	888	6.8%
01-02-5150-000	Building Maintenance-Plant	25,000	819	1,529	2,424	3,322	5,645	8,626	9,351	10,533	13,279	13,929	-	-	16,715	16,715	8,285	33.1%
01-02-5170-000	Landscaping Expenses-Plant	7,000	798	1,049	1,301	1,552	1,803	2,054	2,306	2,842	3,093	3,344	-	-	4,013	4,013	2,987	42.7%
01-02-5180-000	Office Supplies & Misc Expense	8,000	710	1,574	2,646	3,323	4,646	5,410	7,453	8,006	9,087	10,202	-	-	12,242	12,242	(4,242)	-53.0%
01-02-5200-000	Utilities-Plant	15,000	713	3,037	3,087	4,850	5,624	7,648	8,612	10,583	10,691	13,601	-	-	16,321	16,321	(1,321)	-8.8%
01-02-5300-000	Training-Plant	8,000	799	4,919	5,328	6,182	6,285	6,285	7,657	7,804	9,012	9,235	-	-	11,082	11,082	(3,082)	-38.5%
01-02-5310-000	Operator Certifications-Educ	4,000	85	272	359	1,074	1,335	1,335	1,562	1,562	2,152	2,299	-	-	2,758	2,758	1,242	31.0%
01-02-5330-000	Safety & Security	23,000	2,023	3,471	5,531	5,709	9,827	10,193	10,569	13,714	15,231	15,827	-	-	18,993	18,993	4,007	17.4%
01-02-5340-000	Uniforms	10,000	597	1,698	2,529	3,623	4,468	5,269	7,835	8,546	9,293	10,104	-	-	12,125	12,125	(2,125)	-21.2%
01-02-5360-000	Emergency Operations/Repairs	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	12,000	-	0.0%
01-02-5370-000	Permit & Assessment Fees	2,000	-	-	-	-	2,763	2,763	2,763	2,763	2,763	2,763	-	-	3,316	3,316	(1,316)	-65.8%

CRESCENTA VALLEY WATER DISTRICT		2018-19	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL				STRAIGHT-LINE	MANAGEMENT	Budget Variance	
Cash Flow Forecast as of Apr 2019															FORECAST	FORECAST	$ Better /	% Better /
Water Fund		Budget	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-18 to Jun-19	Jul-18 to Jun-19	(Worse)	(Worse)
		(Current)	1	2	3	4	5	6	7	8	9	10	11	12	10	10	10	10
01-02-5380-000	Tools and Equipment Maintenance	15,000	392	1,410	2,215	2,954	4,668	5,573	6,095	6,678	9,383	10,027	-	-	12,033	12,033	2,967	19.8%
01-02-5390-000	Nitrate Plant	75,000	118	5,791	7,358	12,885	14,057	14,686	14,738	21,933	36,212	42,865	-	-	51,438	51,438	23,562	31.4%
01-02-5441-000	Inventory Shrinkage/Disposal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
01-02-5445-000	Telemetering & Signal System	10,000	-	7,568	11,527	18,048	18,161	18,161	18,345	19,077	19,077	19,968	-	-	23,962	23,962	(13,962)	-139.6%
01-02-5445-001	SCADA Hardware	7,500	-	575	5,225	5,225	5,225	5,225	5,225	5,225	5,225	5,225	-	-	6,270	6,270	1,230	16.4%
01-02-5445-002	SCADA Software	13,000	-	-	-	-	-	-	-	-	-	-	-	-	-	22,000	(9,000)	-69.2%
01-02-5445-003	SCADA Phone Lines	2,500	-	-	-	-	-	-	-	-	-	-	-	-	-	2,500	-	0.0%
01-02-5450-000	Lab & Sampling Expense	148,000	10,174	31,902	60,700	73,541	80,220	95,109	102,163	106,938	122,684	122,684	-	-	147,221	147,221	779	0.5%
01-02-5450-013	Lab & Sampling Expense - MTBE	63,000	1,125	3,375	4,425	5,625	5,625	6,750	9,000	10,125	11,250	11,250	-	-	13,500	13,500	49,500	78.6%
01-02-5460-000	Chlorine & Treatment Expense	75,000	12,168	37,875	29,919	36,918	44,530	48,193	50,007	54,627	57,646	61,166	-	-	73,399	73,399	1,601	2.1%
	Plant Operations	**536,000**	**30,521**	**106,046**	**144,573**	**189,318**	**220,487**	**250,008**	**271,531**	**299,927**	**346,170**	**364,583**	**-**	**-**	**437,499**	**473,999**	**62,001**	**11.6%**
	Distribution System																	
01-02-5410-000	Backflow Expense	500	458	636	636	636	636	636	636	636	636	636	-	-	763	763	(263)	-52.6%
01-02-5423-000	Pipelines - Maintenance	54,000	416	2,217	2,386	13,062	14,307	14,601	16,105	20,957	25,497	32,816	-	-	39,379	39,379	14,621	27.1%
01-02-5423-007	Pipelines-Paving	15,500	1,725	3,413	5,100	5,888	6,563	7,013	8,459	9,959	10,738	12,461	-	-	14,953	14,953	547	3.5%
01-02-5423-008	Fire Hydrant Repair/Replace	5,000	788	788	788	788	788	788	3,162	3,162	3,208	5,473	-	-	6,568	6,568	(1,568)	-31.4%
01-02-5423-009	Pipelines-Leak Detect/Repair	30,000	4,227	5,264	5,683	5,683	5,683	5,683	5,683	5,683	5,683	5,683	-	-	6,819	6,819	23,181	77.3%
01-02-5423-010	Pipelines-Trench Plate Rentals	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,000	100.0%
01-02-5423-011	Water Sampling Stations	3,500	-	-	-	-	-	-	-	-	-	-	-	-	-	3,500	-	0.0%
01-02-5423-012	Pipelines - Valves	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,000	100.0%
01-02-5424-000	Reservoir Maintenance	86,000	659	10,338	11,152	12,948	14,590	22,260	35,289	35,313	38,338	38,433	-	-	46,120	53,320	32,680	38.0%
01-02-5424-006	Reservoir Landscape	24,000	2,355	3,843	5,299	5,466	6,524	6,691	7,534	10,376	10,544	12,436	-	-	14,924	14,924	9,076	37.8%
01-02-5425-000	Meter Maintenance	243,000	7,422	10,209	12,810	25,156	28,889	31,784	40,303	47,080	51,991	59,740	-	-	71,687	91,687	151,313	62.3%
01-02-5425-007	Meters - Paving	226,000	2,971	39,131	50,810	61,033	63,832	67,743	81,538	84,895	86,334	90,343	-	-	108,412	108,412	117,588	52.0%
01-02-5425-008	Meter Repair/Replace/Upgrade	9,000	-	121	859	859	1,584	1,789	3,200	5,060	5,413	6,762	-	-	8,114	8,114	886	9.8%
01-02-5425-009	Lateral Leaks and Repairs	90,500	2,884	17,306	26,044	28,376	36,890	44,844	47,836	52,443	58,086	67,241	-	-	80,689	80,689	9,811	10.8%
01-02-5425-010	Meters - Trench Plate Rentals	10,000	-	423	423	423	423	423	423	423	423	423	-	-	507	507	9,493	94.9%
01-02-5425-011	Meters - D-Jobs	8,000	11,073	34,715	52,015	76,525	76,525	94,032	94,032	94,032	98,007	118,505	-	-	142,206	142,206	(134,206)	-1677.6%
01-02-5431-000	Land Lease Cost Expense Well 16	16,000	1,330	2,660	3,990	5,320	6,650	7,980	9,350	10,720	12,090	12,090	-	-	14,508	14,508	1,492	9.3%
01-02-5432-000	Well Site - Maintenance	45,000	1,750	3,779	4,271	9,569	11,418	11,803	28,988	32,510	40,690	41,428	-	-	49,713	49,713	(4,713)	-10.5%
01-02-5432-006	Well Site - Landscape	5,000	1,793	2,128	2,513	2,898	3,283	3,668	4,053	4,438	4,823	6,583	-	-	7,900	7,900	(2,900)	-58.0%
01-02-5432-007	Well Site - Lease Payment	300	300	300	300	300	300	300	300	300	300	300	-	-	360	360	(60)	-20.0%
01-02-5433-000	Maintenance - Booster Pumps	72,000	-	9,449	9,675	11,592	11,695	11,779	11,954	12,030	16,871	16,871	-	-	20,245	20,245	51,755	71.9%
01-02-5434-000	Emergency Power Generators	23,000	1,230	2,460	3,690	5,458	6,722	9,182	18,444	19,856	20,778	22,756	-	-	27,307	27,307	(4,307)	-18.7%
01-02-5440-000	Auto/Truck Maintenance	72,500	2,440	7,868	14,899	21,922	22,833	24,289	29,956	34,606	36,867	39,265	-	-	47,118	67,118	5,382	7.4%
01-02-5440-015	Auto/Truck Maintenance-Gas	20,000	1,631	3,385	5,390	7,482	9,375	11,071	12,458	13,861	15,438	16,996	-	-	20,395	20,395	(395)	-2.0%
01-02-5440-016	Auto/Truck Maintenance-Diesel	17,000	2,022	4,814	6,321	8,676	10,148	11,699	12,894	14,537	15,641	18,302	-	-	21,962	21,962	(4,962)	-29.2%
	Distribution System	**1,084,800**	**47,475**	**165,242**	**225,052**	**310,059**	**339,657**	**390,055**	**472,596**	**512,874**	**558,396**	**625,542**	**-**	**-**	**750,651**	**801,351**	**283,449**	**26.1%**
	Non-Operating Expenses																	
01-01-5910-000	Interest Expense - Notes	550,000	44,915	89,830	134,745	179,660	224,575	269,490	314,405	359,320	404,235	449,150	-	-	538,980	538,980	11,020	2.0%
01-01-5920-001	Rental Expense - PA House	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,000	100.0%
01-01-5920-002	Rental Expense - Sycamore House	1,500	-	-	-	-	-	75	555	555	555	555	-	-	665	665	835	55.6%
	Non-Operating Expenses	**552,500**	**44,915**	**89,830**	**134,745**	**179,660**	**224,575**	**269,565**	**314,959**	**359,874**	**404,789**	**449,704**	**-**	**-**	**539,645**	**539,645**	**12,855**	**2.3%**
TOTAL EXPENSES		**10,768,450**	**864,755**	**1,881,749**	**2,730,237**	**3,629,493**	**4,416,681**	**5,172,598**	**5,960,048**	**6,597,215**	**7,230,431**	**7,958,944**	**-**	**-**	**9,550,733**	**9,793,357**	**975,093**	**9.1%**
	Depreciation & Amortization																	
01-01-5800-000	Depreciation - Office		2,946	5,829	8,648	11,581	14,390	17,318	20,187	22,840	25,369	27,659	-	-	33,191	33,191		
01-02-5805-000	Depreciation-Pumping		31,067	61,447	90,615	121,408	150,843	180,819	208,190	232,746	261,309	287,047	-	-	344,456	344,456		
01-02-5810-000	Depreciation-Distribution		56,990	112,408	166,233	223,171	276,970	333,907	389,262	439,383	499,973	553,759	-	-	664,511	664,511		
01-02-5815-000	Depreciation-Nitrate Plant		1,692	3,374	5,047	6,739	8,411	10,103	11,786	13,355	15,150	16,823	-	-	20,187	20,187		
01-01-5900-000	Amortization of Intangibles		-	-	-	-	-	-	-	-	-	-	-	-	-	-		
01-01-5900-001	Amortization of Investment Premium		-	-	-	36,826	46,032	55,239	64,445	73,652	82,858	92,065	-	-	110,478	110,478		

CRESCENTA VALLEY WATER DISTRICT *Cash Flow Forecast as of Apr 2019* Water Fund	2018-19 Budget	ACTUAL Jul-18	ACTUAL Aug-18	ACTUAL Sep-18	ACTUAL Oct-18	ACTUAL Nov-18	ACTUAL Dec-18	ACTUAL Jan-19	ACTUAL Feb-19	ACTUAL Mar-19	Apr-19	May-19	Jun-19	STRAIGHT-LINE FORECAST Jul-18 to Jun-19	MANAGEMENT FORECAST Jul-18 to Jun-19	Budget Variance $ Better / (Worse)	 % Better / (Worse)
	(Current)	1	2	3	4	5	6	7	8	9	10	11	12	10	10	10	10
Depreciation & Amortization	-	**92,694**	**183,058**	**270,543**	**399,725**	**496,647**	**597,386**	**693,870**	**781,975**	**884,659**	**977,352**	-	-	**1,172,823**	**1,172,823**	**(1,172,823)**	

CRESCENTA VALLEY WATER DISTRICT
Cash Flow Forecast as of Apr 2019
Sewer Fund

		2018-19 Budget	ACTUAL Jul-18	ACTUAL Aug-18	ACTUAL Sep-18	ACTUAL Oct-18	ACTUAL Nov-18	ACTUAL Dec-18	ACTUAL Jan-19	ACTUAL Feb-19	ACTUAL Mar-19	Actual Apr-19	May-19	Jun-19	STRAIGHT-LINE FORECAST Jul-18 to Jun-19	MANAGEMENT FORECAST Jul-18 to Jun-19	Budget Variance $ Better / (Worse)	% Better / (Worse)
		(Current)	1	2	3	4	5	6	7	8	9	10	11	12	10	10	10	10
INCOME																		
	Operating Revenues																	
02-00-4010-000	Sewage Disposal Sales	3,206,922	267,730	400,699	846,949	1,123,720	1,395,666	1,666,155	1,937,084	2,058,370	2,427,006	2,796,481	-	-	3,355,778	3,355,778	148,856	4.6%
02-00-4220-000	Property Owner Assessments	20,000	5,286	10,111	13,109	22,499	33,363	52,451	54,056	55,277	61,133	67,028	-	-	80,434	80,434	60,434	302.2%
02-00-4225-000	Sewer Permits	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(4,000)	-100.0%
02-00-4230-000	Other Income - Wastewater	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(5,000)	-100.0%
	Operating Revenues	**3,235,922**	**273,016**	**410,809**	**860,058**	**1,146,219**	**1,429,029**	**1,718,605**	**1,991,140**	**2,113,648**	**2,488,139**	**2,863,510**	**-**	**-**	**3,436,211**	**3,436,211**	**200,289**	**6.2%**
	Non-Operating Revenues																	
02-00-4240-000	Interest Earned - Sewer	500	16	34	70	113	162	207	268	302	331	373	-	-	447	447	(53)	-10.6%
02-00-4270-000	Gain/Loss on Sale of Assets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
02-00-4275-001	Rental Income-PA House	2,400	300	300	600	600	900	1,200	1,200	1,800	1,800	2,100	-	-	2,520	2,520	120	5.0%
02-00-4275-002	Rental Income-Sycamore House	5,100	500	1,000	1,500	2,600	3,100	3,600	4,100	4,600	5,100	5,600	-	-	6,720	6,720	1,620	31.8%
	Non-Operating Revenues	**8,000**	**816**	**1,334**	**2,170**	**3,313**	**4,162**	**5,007**	**5,568**	**6,702**	**7,231**	**8,073**	**-**	**-**	**9,687**	**9,687**	**1,687**	**21.1%**
TOTAL INCOME		**3,243,922**	**273,831**	**412,143**	**862,228**	**1,149,532**	**1,433,191**	**1,723,612**	**1,996,709**	**2,120,350**	**2,495,370**	**2,871,582**	**-**	**-**	**3,445,898**	**3,445,898**	**201,976**	**6.2%**
EXPENSES																		
	Wastewater System Expense																	
02-02-5700-000	Wastewater System Expense	1,253,000	110,000	220,000	330,000	367,180	458,975	550,770	642,565	734,360	826,155	917,950	1,010,029	-	1,101,540	1,201,540	51,460	4.1%
	Wastewater System Expense	**1,253,000**	**110,000**	**220,000**	**330,000**	**367,180**	**458,975**	**550,770**	**642,565**	**734,360**	**826,155**	**917,950**	**1,010,029**	**-**	**1,101,540**	**1,201,540**	**51,460**	**4.1%**
	Compensation & Benefits																	
02-01-5000-000	Director Fees	9,000	900	1,530	2,250	3,015	3,825	4,185	4,950	5,715	6,570	7,245	-	-	8,694	8,694	306	3.4%
02-01-5010-000	Officer Salaries	181,115	16,377	30,058	43,137	58,893	74,900	89,231	104,414	118,647	133,926	150,066	-	-	180,079	180,079	1,036	0.6%
02-01-5015-000	Administrative Services-Labor	310,382	26,503	50,660	72,235	98,593	124,959	148,010	172,584	195,035	217,346	239,865	-	-	287,838	287,838	22,544	7.3%
02-01-5015-100	Administrative Services-OT	4,000	318	700	1,123	1,427	1,708	1,944	2,938	3,384	3,672	4,312	-	-	5,175	5,175	(1,175)	-29.4%
02-01-5020-000	Engineering-Labor	157,441	10,389	18,805	23,052	31,867	42,097	51,429	59,616	68,874	79,313	88,336	-	-	106,004	106,004	51,437	32.7%
02-01-5020-100	Engineering-OT	1,400	210	362	476	556	613	613	1,205	1,567	1,697	1,897	-	-	2,276	2,276	(876)	-62.6%
02-01-5045-000	Automobile Allowance	10,200	975	1,950	2,925	3,900	4,875	5,850	6,700	7,675	8,650	9,625	-	-	11,550	11,550	(1,350)	-13.2%
02-01-5050-000	Employer Portion of PERS	259,463	17,894	39,132	60,367	81,895	103,151	124,408	149,004	170,191	191,141	212,249	-	-	254,699	254,699	4,764	1.8%
02-01-5060-000	Taxes - Payroll	95,601	7,711	15,910	23,694	30,901	38,073	45,063	57,730	65,761	73,222	80,872	-	-	97,046	97,046	(1,445)	-1.5%
02-01-5070-000	Sick Leave/Vacation-Office	38,690	4,524	7,972	11,826	15,680	19,035	22,161	27,696	30,862	34,153	34,153	-	-	40,983	40,983	(2,293)	-5.9%
02-01-5080-000	Health Dental Vision-Office	101,658	7,609	17,915	25,927	34,438	43,935	52,464	61,838	70,821	79,805	88,800	-	-	106,560	106,560	(4,902)	-4.8%
02-01-5080-055	Retiree Health Care Expense	56,338	6,608	12,995	19,159	20,736	25,920	31,105	36,289	41,473	46,657	51,841	-	-	62,209	62,209	(5,871)	-10.4%
02-01-5082-000	Life and Disability Insurance	6,571	534	1,325	1,960	2,596	3,231	3,866	4,461	5,095	5,726	6,357	-	-	7,629	7,629	(1,058)	-16.1%
02-01-5083-000	Self Insurance-Managers	8,400	380	1,220	2,892	3,329	4,405	4,690	4,947	5,027	5,284	5,284	-	-	6,341	8,841	(441)	-5.3%
02-01-5085-000	Workers' Compensation Ins-Office	12,327	1,227	2,485	3,720	4,960	6,185	7,403	8,989	10,291	11,485	11,862	-	-	14,234	14,234	(1,907)	-15.5%
02-02-5015-000	Administrative Services-Plant	78,333	5,823	10,520	15,927	22,043	28,611	34,342	40,510	46,125	51,510	56,590	-	-	67,908	67,908	10,425	13.3%
02-02-5015-100	Administrative OT-Plant	-	-	57	57	57	62	62	200	200	200	200	-	-	240	240	(240)	
02-02-5035-000	Maintenance-Plant Labor	133,177	11,649	20,925	30,788	40,467	50,814	64,241	74,202	84,299	93,817	104,009	-	-	124,811	124,811	8,366	6.3%
02-02-5035-100	Maintenance- OT	21,000	-	1,330	1,330	2,459	2,935	3,026	3,453	3,703	3,914	4,813	-	-	5,775	10,775	10,225	48.7%
02-02-5036-000	Standby Pay	14,494	1,305	2,648	3,938	5,203	6,551	7,846	9,128	10,402	11,563	12,849	-	-	15,419	15,419	(925)	-6.4%
02-02-5070-000	Sick Leave/Vacation-Plant	25,793	3,016	5,315	7,884	10,453	12,690	14,774	18,464	20,575	22,769	22,769	-	-	27,322	27,322	(1,529)	-5.9%
02-02-5080-000	Health Dental Vision-Plant	110,458	7,989	13,953	21,253	28,653	34,703	42,297	50,071	57,846	65,587	73,327	-	-	87,992	87,992	22,466	20.3%
02-02-5085-000	Workers' Compensation Ins-Plant	49,940	4,718	9,812	14,647	19,397	24,226	29,028	35,904	40,668	45,384	46,882	-	-	56,258	56,258	(6,318)	-12.7%
	Compensation & Benefits	**1,685,781**	**136,659**	**267,580**	**390,567**	**521,518**	**657,504**	**788,037**	**935,294**	**1,064,235**	**1,193,388**	**1,314,203**	**-**	**-**	**1,577,044**	**1,584,544**	101,237	6.0%
	General & Administrative																	
02-01-5090-000	GL, Property, Fidelity Ins	52,000	4,802	9,603	14,405	18,214	22,024	26,825	30,634	34,444	38,253	42,253	-	-	50,704	50,704	1,296	2.5%
02-01-5100-000	Accounting	7,500	-	-	-	-	-	6,135	6,135	6,800	6,800	7,200	-	-	8,640	6,800	700	9.3%
02-01-5125-000	Legal	20,000	1,329	2,919	3,900	5,168	5,830	6,783	7,954	9,492	10,932	12,803	-	-	15,364	15,364	4,636	23.2%

CRESCENTA VALLEY WATER DISTRICT
Cash Flow Forecast as of Apr 2019
Sewer Fund

		2018-19 Budget	ACTUAL Jul-18	ACTUAL Aug-18	ACTUAL Sep-18	ACTUAL Oct-18	ACTUAL Nov-18	ACTUAL Dec-18	ACTUAL Jan-19	ACTUAL Feb-19	ACTUAL Mar-19	Actual Apr-19	May-19	Jun-19	STRAIGHT-LINE FORECAST Jul-18 to Jun-19	MANAGEMENT FORECAST Jul-18 to Jun-19	Budget Variance $ Better / (Worse)	Budget Variance % Better / (Worse)
		(Current)	1	2	3	4	5	6	7	8	9	10	11	12	10	10	10	10
02-01-5130-000	Adminstrative Consultants	37,596	50	50	50	50	2,570	4,131	5,273	5,583	6,083	6,646	-	-	7,975	37,596	-	0.0%
02-01-5150-000	Building Maintenance-Office	3,969	172	3,112	3,398	4,035	4,611	5,200	5,480	6,161	6,306	6,452	-	-	7,742	7,742	(3,773)	-95.1%
02-01-5170-000	Landscaping Expense-Office	4,118	114	229	343	458	572	686	801	930	1,059	1,189	-	-	1,427	1,427	2,691	65.4%
02-01-5180-000	Office Supplies & Misc Expense	5,500	159	942	1,542	1,721	2,344	2,563	3,061	3,246	3,838	4,190	-	-	5,028	5,028	472	8.6%
02-01-5190-000	Computers and Network	8,333	394	1,294	1,665	2,135	2,607	3,087	3,881	4,371	5,414	5,766	-	-	6,920	6,920	1,413	17.0%
02-01-5195-000	Computer Software	17,667	443	1,699	2,157	2,672	3,216	3,728	5,111	5,496	5,979	11,491	-	-	13,790	13,790	3,877	21.9%
02-01-5200-000	Utilities	6,968	594	1,398	1,691	2,501	2,853	3,384	3,831	4,363	4,669	5,241	-	-	6,289	6,289	679	9.7%
02-01-5225-000	Enterprise Voice Communications	13,419	155	315	487	1,004	1,182	1,360	1,633	1,892	2,119	2,390	-	-	2,868	2,868	10,551	78.6%
02-01-5226-000	Wireless Voice & Data Communications	4,697	309	1,592	2,014	4,033	4,357	4,848	5,326	5,964	6,406	6,843	-	-	8,212	8,212	(3,515)	-74.8%
01-01-5227-000	Data Communications	16,333	4,541	9,081	13,617	18,153	24,857	29,432	38,313	38,621	43,234	47,824	-	-	57,389	57,389	(41,056)	-251.4%
02-01-5230-000	Printing Postage Stationery	35,000	961	3,808	6,571	8,587	10,540	14,906	16,646	19,478	22,674	30,029	-	-	36,034	36,034	(1,034)	-3.0%
02-01-5240-000	Uncollectible Accounts	1,300	-	-	-	-	-	479	479	479	479	479	-	-	574	574	726	55.8%
02-01-5260-000	Engineering Expenses	3,308	238	463	670	950	1,189	1,478	1,695	1,900	2,177	2,517	-	-	3,020	3,020	288	8.7%
02-01-5300-000	Training-Office	2,500	6	350	428	1,147	1,193	1,185	1,235	1,440	2,019	2,026	-	-	2,431	2,431	69	2.8%
02-01-5320-000	Conferences & Seminars	2,782	348	526	704	1,126	1,561	2,116	2,182	2,359	2,585	3,092	-	-	3,710	3,710	(928)	-33.4%
02-01-5320-005	Conferences & Seminars-Board	1,636	-	-	21	21	21	194	194	206	388	388	-	-	465	1,636	-	0.0%
02-01-5350-000	Misc Administration	1,700	136	297	378	571	686	943	1,079	1,330	1,490	1,607	-	-	1,929	1,929	(229)	-13.5%
02-01-5350-005	Misc Administration-Board	650	62	127	223	302	402	440	473	530	563	621	-	-	745	745	(95)	-14.6%
02-01-5355-000	Memberships/Subscriptions	8,333	208	220	364	5,528	5,558	5,855	5,996	6,016	6,063	6,063	-	-	7,276	7,276	1,057	12.7%
02-01-5920-001	Rental Expenses PA House	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	100.0%
02-01-5920-002	Rental Expenses - Sycamore	450	-	-	-	-	-	25	185	185	185	185	-	-	222	222	228	50.7%
02-01-5365-000	Bank Charges	25,000	1,985	4,178	6,578	9,346	12,978	16,047	19,053	21,720	24,115	26,602	-	-	31,922	31,922	(6,922)	-27.7%
	General & Administrative	**281,159**	**17,005**	**42,202**	**61,208**	**87,721**	**111,149**	**141,831**	**166,649**	**183,005**	**203,832**	**233,895**	**-**	**-**	**280,674**	**309,626**	**(28,467)**	**-10.1%**
	Wastewater Plant Operations																	
02-02-5145-000	Taxes-Property	4,364	-	-	-	1,495	1,869	2,243	2,617	2,991	2,991	3,364	-	-	4,037	4,037	327	7.5%
02-02-5150-000	Building Maintenance-Plant	8,500	273	510	808	1,107	1,881	2,098	2,340	3,161	4,076	4,209	-	-	5,050	5,050	3,450	40.6%
02-02-5170-000	Landscaping Expense-Plant	4,135	266	350	434	517	601	685	769	947	1,031	1,115	-	-	1,338	1,338	2,797	67.6%
02-02-5180-000	Office Supplies & Misc Expense	9,000	759	1,618	2,629	3,289	4,611	5,376	7,418	7,972	9,052	10,167	-	-	12,201	12,201	(3,201)	-35.6%
02-02-5200-000	Utilities-Plant	5,000	238	697	713	941	1,199	1,473	1,795	2,308	2,344	2,798	-	-	3,357	3,357	1,643	32.9%
02-02-5300-000	Training-Plant	2,650	266	1,516	1,619	1,904	1,938	1,938	2,396	2,445	2,847	2,922	-	-	3,506	3,506	(856)	-32.3%
02-02-5310-000	Operator Certifications-Educ	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,000	100.0%
02-02-5330-000	Safety & Security	8,333	1,274	1,756	2,967	3,027	5,186	5,308	5,583	6,658	7,168	7,931	-	-	9,518	9,518	(1,185)	-14.2%
02-02-5340-000	Uniforms	3,518	199	566	843	1,208	1,489	1,756	2,158	2,395	2,644	2,914	-	-	3,497	3,497	21	0.6%
02-02-5380-000	Tools and Equipment Maintenance	16,000	217	1,234	2,852	3,590	5,641	6,558	7,685	8,910	11,839	12,603	-	-	15,123	15,123	877	5.5%
02-02-5402-000	Power Purchased - Lift Station	750	53	106	162	210	259	316	366	424	473	514	-	-	616	616	134	17.8%
02-02-5445-000	Telemetering & Signal System	3,308	-	2,523	3,842	6,016	6,054	6,054	6,115	6,359	6,359	6,656	-	-	7,987	7,987	(4,679)	-141.5%
02-02-5445-001	SCADA Hardware	2,500	-	-	-	-	-	-	-	-	-	-	-	-	-	4,000	(1,500)	-60.0%
02-02-5445-002	SCADA Software	4,333	-	-	-	-	-	-	-	-	-	-	-	-	-	4,333	-	0.0%
02-02-5445-003	SCADA Phone Lines	821	-	-	-	-	-	-	-	-	-	-	-	-	-	821	-	0.0%
	Plant Operations	**74,212**	**3,544**	**10,876**	**16,869**	**23,305**	**30,728**	**33,805**	**39,241**	**44,570**	**50,825**	**55,193**	**-**	**-**	**66,231**	**75,385**	**(1,173)**	**-1.6%**
	Collection System																	
02-02-5423-000	Pipeline Maintenance	20,364	71	136	192	246	309	355	397	466	547	670	-	-	804	804	19,560	96.1%
02-02-5440-000	Autos/Truck Maintenance	37,594	1,063	7,141	11,149	12,619	12,923	14,761	16,760	20,380	22,432	23,485	-	-	28,182	28,182	9,412	25.0%
02-02-5440-015	Auto/Truck Maintenance-Gas	6,252	544	1,128	1,797	2,494	3,125	3,690	4,153	4,620	5,146	5,665	-	-	6,798	6,798	(546)	-8.7%
02-02-5440-016	Auto/Truck Maintenance-Diesel	5,891	674	1,605	2,107	2,892	3,383	3,900	3,900	4,447	4,816	5,702	-	-	6,843	6,843	(952)	-16.2%
02-02-5621-000	Sewer Flow Monitoring Expense	15,273	1,750	2,850	3,950	5,050	6,150	7,900	9,000	10,100	11,850	12,950	-	-	15,540	15,540	(267)	-1.7%
02-02-5624-000	Sewer Camera Van Inspection	2,618	-	-	-	-	-	-	1,015	1,015	1,015	1,015	-	-	1,217	2,618	-	0.0%
02-02-5625-000	Sewer Interceptor Maintenance	2,727	-	750	750	750	750	750	750	750	750	750	-	-	900	2,727	-	0.0%
02-02-5628-000	Sewer Lift Station Maintenance	3,055	29	29	29	1,764	1,764	1,764	1,769	2,223	2,265	2,265	-	-	2,719	3,055	-	0.0%
	Distribution System	**93,774**	**4,131**	**13,639**	**19,975**	**25,816**	**28,404**	**33,120**	**37,742**	**44,001**	**48,821**	**52,503**	**-**	**-**	**63,003**	**66,567**	**27,207**	**29.0%**
	Non-Operating Expenses																	
02-01-5920-001	Rental Expenses PA House	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	100.0%
02-01-5920-002	Rental Expenses - Sycamore	450	-	-	-	-	-	25	185	185	185	185	-	-	222	222	228	50.7%

CRESCENTA VALLEY WATER DISTRICT
Cash Flow Forecast as of Apr 2019
Sewer Fund

	2018-19	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	Actual			STRAIGHT-LINE FORECAST	MANAGEMENT FORECAST	Budget Variance	
	Budget	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-18 to Jun-19	Jul-18 to Jun-19	$ Better / (Worse)	% Better / (Worse)
	(Current)	1	2	3	4	5	6	7	8	9	10	11	12	10	10	10	10
Non-Operating Expenses	**850**	**-**	**-**	**-**	**-**	**-**	**25**	**185**	**185**	**185**	**185**	**-**	**-**	**222**	**222**	**628**	**73.9%**
TOTAL EXPENSES	**3,388,776**	**271,339**	**554,297**	**818,619**	**1,025,540**	**1,286,760**	**1,547,587**	**1,821,676**	**2,070,356**	**2,323,206**	**2,573,928**	**1,010,029**	**-**	**3,088,714**	**3,237,884**	**150,892**	**4.5%**
Depreciation & Amortization																	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Depreciation & Amortization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

COLLATED DEPARTMENT BUDGETS INCLUDING NOTES ON CHANGES FROM CURRENT YEAR

Increase From Current Year

Decrease From Current Year

EXPENSES

			Total									
			Technology	Engineering	Regulatory	Operations	Administration	Current Year Budget	Proposed Budget	Reduced Budget		+/- Changes From Current Year
		General & Administrative										
01-01-5090-000	02-01-5090-000	GL, Property, Fidelity Ins					122,400	104,000	122,400	122,400		Increased insurance premiums
01-01-5100-000	02-01-5100-000	Accounting					13,500	15,000	13,500	13,500		Fewer addl audit procedures expected, and a multi-year contract has been secured
01-01-5125-000	02-01-5125-000	Legal					120,000	80,000	120,000	120,000		Expected increase due to personnel issues
01-01-5130-000	02-01-5130-000	Administrative Consultants	13,992	177,000	35,000	-	27,500	142,596	331,500	253,500	($78,000)	5-year Cost-of-Service Study, Asset Management Study
01-01-5140-000		Election Expense					-	40,000	-	-		Off-election year
01-01-5150-000	02-01-5150-000	Building Maintenance-Office					18,000	15,969	24,000	18,000	($6,000)	Long-deferred maintenance on carpets and support beams
01-01-5170-000	02-01-5170-000	Landscaping Expense					15,000	16,118	15,000	15,000		Decreasing landscaping in less visible areas
01-01-5180-000	02-01-5180-000	Office Supplies & Misc Expense	573	4,008	1,145		6,000	11,000	11,700	11,700		Inflation outpacing savings from re-negotiated printer/paper contracts
01-01-5190-000	02-01-5190-000	Computers and Network	36,000					33,333	36,000	36,000		Static expectations, standard inflation
01-01-5195-000	02-01-5195-000	Computer Software	67,200					70,667	67,200	67,200		Identified fewer software licensing needs
01-01-5200-000	02-01-5200-000	Utilities					30,000	27,968	30,000	30,000		Rate increases
01-01-5225-000	02-01-5225-000	Enterprise Voice Communications	22,800					53,419	22,800	22,800		Captured this year's expenses in last year's contract
01-01-5226-000	02-01-5226-000	Wireless Voice & Data Communications	21,000					18,697	21,000	21,000		Estimated growth of device use
01-01-5227-000	01-01-5227-000	Data Communications	63,120					65,333	63,100	63,100		Re-negotiated contracts
01-01-5230-000	02-01-5230-000	Printing Postage Stationery					72,000	70,000	72,000	72,000		Increase in Federal rate
01-01-5240-000	02-01-5240-000	Uncollectible Accounts					5,700	5,300	5,700	5,700		Based on historicals
01-01-5250-000		Water System Fees					60,000	50,000	60,000	60,000		New fees with respect to Well 2 coming online & increased DDW fees
01-01-5260-000	02-01-5260-000	Engineering Expense		13,000				13,308	13,000	13,000		Cost reduced despite inflation factor
01-01-5270-001		Water Conservation Expense			33,504			25,500	33,500	33,500		Renewed attention on gardening programs and school assemblies
01-01-5270-002		Water Conservation - Outreach			-			2,500	-	-		Monies rolled into Community Outreach
01-01-5270-003		Water Conservation - Turf Rebates			-			0	20,000	-	($20,000)	Customers will expect level of matching with MWD parent program
01-01-5270-005		Water Conservation - Device Rebates			10,000			5,000	10,000	10,000		Expected increase in demand for toilet leak indicators and other supp programs
01-01-5270-006		Interns		2,000	15,000			0	17,000	17,000		Additional non-FTE personnel needed for medium-term outreach programs
01-01-5270-007		Community Outreach			40,500			5,000	40,500	40,500		New focus on community education through outreach consultant
01-01-5300-000	02-01-5300-000	Training-Office	6,450	2,000	-		6,000	10,000	14,500	14,500		Invest in operational resiliency & risk management through increased staff training
01-01-5320-000	02-01-5320-000	Conferences & Seminars	2,900	5,000	-	3,500	4,400	11,282	15,800	15,800		Invest in staff growing in the operation through succession planning
01-01-5320-005	02-01-5320-005	Conferences & Seminars-Board					3,600	6,636	3,600	3,600		Attendance has decreased over the last several years
01-01-5350-000	02-01-5350-000	Misc Administration					4,980	5,700	5,000	5,000		Cost reduced despite inflation factor
01-01-5350-005	02-01-5350-005	Misc Administration-Board					3,000	2,650	3,000	3,000		Ensure requirements such as AB 1234 and Form 700 are met
01-01-5355-000	02-01-5355-000	Memberships/Subscriptions	480	3,000	-	700	29,700	33,333	33,900	33,900		Inflation outpacing membership cancellations such as LA Times
01-01-5365-000	02-01-5365-000	Bank Charges					66,000	50,000	66,000	66,000		Continue to increase with continued customer migration from cash to ACH
		General & Administrative	**234,515**	**206,008**	**135,149**	**4,200**	**607,780**	**990,309**	**1,291,700**	**1,187,700**		
		Plant Operations										
01-02-5145-000	02-02-5145-000	Taxes-Property					18,000	17,364	18,000	18,000		Annual tax increment
01-02-5150-000	02-02-5150-000	Building Maintenance-Plant				35,000		33,500	35,000	35,000		Held constant
01-02-5170-000	02-02-5170-000	Landscaping Expenses-Plant				8,000		11,135	8,000	8,000		Decreasing landscaping in less visible areas
01-02-5180-000	02-02-5180-000	Office Supplies & Misc Expense				21,300		17,000	21,300	21,300		Inflation outpacing savings from re-negotiated printer/paper contracts
01-02-5200-000	02-02-5200-000	Utilities-Plant				21,000		20,000	21,000	21,000		Rate increases
01-02-5300-000	02-02-5300-000	Training-Plant				12,000		10,650	12,000	12,000		Invest in operational resiliency & risk management through increased staff training
01-02-5310-000	02-02-5310-000	Operator Certifications-Educ				4,500		5,000	4,500	4,500		Estimated decrease in staff who will need certifications
01-02-5330-000	02-02-5330-000	Safety & Security				28,000		31,333	28,000	28,000		Already put camera security system in
01-02-5340-000	02-02-5340-000	Uniforms				16,000		13,518	16,000	16,000		Grow culture of presentation and District representation in service areas
01-02-5360-000		Emergency Operations/Repairs				12,000		12,000	12,000	12,000		Continued contribution to PWAG regional group
01-02-5370-000		Permit & Assessment Fees		3,000				2,000	3,000	3,000		Expected increase in number and price of LA County permits
01-02-5380-000	02-02-5380-000	Tools and Equipment Maintenance				32,000		31,000	32,000	32,000		Inflation, also addition of a leak correlator which will realize savings
01-02-5390-000		Nitrate Plant		-		82,500		75,000	82,500	82,500		Deferred maintenance

COLLATED DEPARTMENT BUDGETS INCLUDING NOTES ON CHANGES FROM CURRENT YEAR

			Total									
			Technology	Engineering	Regulatory	Operations	Administration	Current Year Budget	Proposed Budget	Reduced Budget		+/- Changes From Current Year
	02-02-5204-000	Power Purchased - Lift Station				800		750	800	800		Rate increases
01-02-5441-000		Inventory Shrinkage/Disposal				-		0	-	-		No change until/unless booked by auditors at year end
01-02-5445-000	02-02-5445-000	Telemetering & Signal System	29,000					13,308	29,000	29,000		PLC upkeep from APEX may not be used fully, but a placeholder is needed
01-02-5445-001	02-02-5445-001	SCADA Hardware	12,000					10,000	12,000	12,000		Inflation & placeholder
01-02-5445-002	02-02-5445-002	SCADA Software	31,400					17,333	31,400	31,400		Addition of SEMS (risk management) and Wonderware capabilities (productivity)
01-02-5445-003	02-02-5445-003	SCADA Phone Lines	1,800					3,321	1,800	1,800		Re-negotiated contracts
01-02-5450-000		Lab & Sampling Expense			150,000			148,000	150,000	150,000		Continued higher frequency of sampling than two years prior due to recent events
01-02-5450-013		Lab & Sampling Expense - MTBE			25,000			63,000	25,000	25,000		Decreased frequency of monitoring
NEW		Water Quality - Non-Lab & Sampling			74,004			0	89,000	74,000	($15,000)	TTHM mitigation and SEMs integration (both expected to be 1-year cycles)
01-02-5460-000		Water Treatment Expense				85,000		75,000	85,000	85,000		Addition of ammonia as a treatment vehicle
		Plant Operations	**74,200**	**3,000**	**249,004**	**358,100**	**18,000**	**610,212**	**717,300**	**702,300**		
		Distribution / Collection System										
01-02-5410-000		Backflow Expense		700				20,864	700	700		Already fulfilled the major backhoe expense in prior year
01-02-5423-000	02-02-5423-000	Pipelines - Maintenance				60,000		54,000	60,000	60,000		Inflation and placeholder for WMRP program
01-02-5423-007		Pipelines - Paving		24,000				15,500	24,000	24,000		Increased feet of maintained pipe
01-02-5423-008		Fire Hydrant Repair/Replace				12,000		5,000	12,000	12,000		E-995 replaced many fire hydrants (2" blowoffs)
01-02-5423-009		Pipelines - Leak Detect/Repair		28,000				30,000	28,000	28,000		Held constant
01-02-5423-010		Pipelines - Trench Plate Rentals				2,000		4,000	2,000	2,000		Decreased rentals based on purchasing a few
01-02-5423-011		Water Sampling Stations				500		3,500	500	500		Placeholder in case of an emergency but based on low historic use, decreased
01-02-5423-012		Pipelines - Valves				6,000		5,000	6,000	6,000		Have been too conservative in the past
01-02-5424-000		Reservoir Maintenance		1,967		75,000		86,000	82,200	77,000	($5,200)	A portion of this year's maintenance is expected to be capitalized
01-02-5424-006		Reservoir Landscape				20,000		24,000	20,800	20,000	($800)	Decreasing landscaping in less visible areas
01-02-5425-000		Meter Maintenance		14,951		250,000		243,000	270,300	265,000	($5,300)	Increased focus on meter replacement to counter aging battery life
01-02-5425-007		Meters - Paving		205,000				226,000	205,000	205,000		Recalibration based on history
01-02-5425-008		Meter Repair/Replace/Upgrade				10,000		9,000	10,000	10,000		Recalibration based on history
01-02-5425-009		Lateral Leaks and Repairs				85,000		90,500	85,000	85,000		Leak correlator
01-02-5425-010		Meters - Trench Plate Rentals				5,000		10,000	5,000	5,000		Investment in trench plate purchase will reduce rental cost over time
01-02-5425-011		Meters - D-Jobs		39,996				8,000	60,000	40,000	($20,000)	Revising developer activity based on continued increases during current year
01-02-5431-000		Land Lease Cost Expense Well 16		16,000				16,000	16,000	16,000		Constant, based on lease contract
01-02-5432-000		Well Site - Maintenance		-		50,000		45,000	50,000	50,000		$20K yearly testing that we have to do
01-02-5432-006		Well Site - Landscape				7,000		5,000	7,000	7,000		Some deferred maintenance put off for too long
01-02-5432-007		Well Site - Lease Payment		300				300	300	300		Constant, based on lease contract
01-02-5433-000		Maintenance - Booster Pumps		36,000		36,000		72,000	72,000	72,000		Held constant less inflation
01-02-5434-000		Emergency Power Generators				22,500		23,000	22,500	22,500		Held constant less inflation
01-02-5440-000	02-02-5440-000	Auto/Truck Maintenance				92,500		110,094	92,500	92,500		Based on the new SEMs Fleet Management module
01-02-5440-015	02-02-5440-015	Auto/Truck Maintenance-Gas				28,000		26,252	28,000	28,000		Based on the new SEMs Fleet Management module
01-02-5440-016	02-02-5440-016	Auto/Truck Maintenance-Diesel				29,000		22,891	29,000	29,000		Based on the new SEMs Fleet Management module
	02-02-5621-000	Sewer Flow Monitoring Expense		18,000				15,273	18,000	18,000		Inflation
	02-02-5624-000	Sewer Camera Van Inspection				3,000		2,618	3,000	3,000		Inflation
	02-02-5625-000	Sewer Interceptor Maintenance				10,000		2,727	10,000	10,000		Root treatment and insect spray necessary
	02-02-5628-000	Sewer Lift Station Maintenance				6,000		3,055	6,000	6,000		Periodic pump truck for cleaning and degreaser necessary
		Distribution / Collection System	**-**	**384,914**	**-**	**809,500**	**-**	**1,178,574**	**1,225,800**	**1,194,500**		
		Non-Operating Expenses										
01-01-5910-000		Interest Expense - Notes							-	-		Same
01-01-5920-001	02-01-5920-001	Rental Expense - PA House					1,200	1,400	1,200	1,200		Deferred maintenance addressed during current year
01-01-5920-002	02-01-5920-002	Rental Expense - Sycamore House					1,800	1,950	1,800	1,800		Deferred maintenance addressed during current year
		Non-Operating Expenses	**-**	**-**	**-**	**-**	**3,000**	**3,350**	**3,000**	**3,000**		

				water	sewer	total	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
TECHNOLOGY																		
		General & Administrative		water	sewer	total												
01-01-5130-000	02-01-5130-000	Administrative Consultants	All	10,303	3,689	13,992	1,166	1,166	1,166	1,166	1,166	1,166	1,166	1,166	1,166	1,166	1,166	1,166
01-01-5180-000	02-01-5180-000	Office Supplies & Misc Expense	OO	286	286	573	48	48	48	48	48	48	48	48	48	48	48	48
01-01-5190-000	02-01-5190-000	Computers and Network	OO	27,000	9,000	36,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
01-01-5195-000	02-01-5195-000	Computer Software	OO	50,400	16,800	67,200	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600
01-01-5225-000	02-01-5225-000	Enterprise Voice Communications	OO	17,073	5,727	22,800	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900
01-01-5226-000	02-01-5226-000	Wireless Voice & Data Communications	OO	15,724	5,276	21,000	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750
01-01-5227-000	01-01-5227-000	Data Communications	OO	47,340	15,780	63,120	5,260	5,260	5,260	5,260	5,260	5,260	5,260	5,260	5,260	5,260	5,260	5,260
01-01-5300-000	02-01-5300-000	Training-Office	PQ, ELD, ISP, ER	4,838	1,613	6,450	50	50	50	3,050	50	50	50	3,050	50			
01-01-5320-000	02-01-5320-000	Conferences & Seminars	ELD	2,185	715	2,900	-	-	1,500	-	-	-	-	-	-	-	-	1,400
01-01-5355-000	02-01-5355-000	Memberships/Subscriptions	PQ, ER	360	120	480	40	40	40	40	40	40	40	40	40	40	40	40
		General & Administrative		175,509	59,006	234,515	18,814	18,814	20,314	21,814	18,814	18,814	18,814	21,814	18,814	18,764	18,764	20,164
		Plant Operations		water	sewer	total												
01-02-5445-000	02-02-5445-000	Telemetering & Signal System	OO, ER	21,791	7,209	29,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	7,000	2,000
01-02-5445-001	02-02-5445-001	SCADA Hardware	OO, ER	9,000	3,000	12,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
01-02-5445-002	02-02-5445-002	SCADA Software	OO, ER	23,550	7,850	31,400	400	-	-	-	-	-	4,800	-	-	-	1,200	25,000
01-02-5445-003	02-02-5445-003	SCADA Phone Lines	OO, ER	1,355	445	1,800	150	150	150	150	150	150	150	150	150	150	150	150
		Plant Operations		55,697	18,503	74,200	3,550	3,150	3,150	3,150	3,150	3,150	7,950	3,150	3,150	3,150	9,350	28,150
ENGINEERING																		
		General & Administrative		water	sewer	total												
01-01-5130-000	02-01-5130-000	Administrative Consultants	All	130,333	46,667	177,000	14,750	14,750	14,750	14,750	14,750	14,750	14,750	14,750	14,750	14,750	14,750	14,750
01-01-5180-000	02-01-5180-000	Office Supplies & Misc Expense	CS	2,004	2,004	4,008	334	334	334	334	334	334	334	334	334	334	334	334
01-01-5260-000	02-01-5260-000	Engineering Expense	OO	9,769	3,231	13,000	1,083	1,083	1,083	1,083	1,083	1,083	1,083	1,083	1,083	1,083	1,083	1,083
01-01-5270-006		Interns	ISP	2,000	-	2,000	167	167	167	167	167	167	167	167	167	167	167	167
01-01-5300-000	02-01-5300-000	Training-Office	PQ, ELD, ISP, ER	1,500	500	2,000	50	800	125	100	100	350	100	100	100	75	50	50
01-01-5320-000	02-01-5320-000	Conferences & Seminars	ELD	3,767	1,233	5,000				2,500					2,500			
01-01-5355-000	02-01-5355-000	Memberships/Subscriptions	PQ, ER	2,250	750	3,000	250	250	250	250	250	250	250	250	250	250	250	250
		General & Administrative		151,623	54,385	206,008	16,634	17,384	16,709	19,184	16,684	16,934	16,684	16,684	19,184	16,659	16,634	16,634
		Plant Operations		water	sewer	total												
01-02-5370-000		Permit & Assessment Fees	OO	3,000	-	3,000		500		500		500		500		500		500
01-02-5390-000		Nitrate Plant - Engineering	OO	-	-	-												
		Plant Operations		3,000	-	3,000	-	500	-	500	-	500	-	500	-	500	-	500
		Distribution System		water	sewer	total												
01-02-5410-000		Backflow Expense	OO	700	-	700	100	100		100		100			100	100	100	
01-02-5423-007		Pipelines-Paving	OO	24,000	-	24,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
01-02-5423-009		Pipelines-Leak Detect/Repair	OO, ISP, WRS	28,000	-	28,000							12,500	12,500	3,000			
01-02-5424-000		Reservoir Maintenance	OO, ISP, WRS	1,967	-	1,967	1,967	-	-	-	-	-	-	-	-	-	-	-
01-02-5425-000		Meter Maintenance	CS, OO	14,951	-	14,951	5,063	-	-	9,888	-	-	-	-	-	-	-	-
01-02-5425-007		Meters - Paving	OO	205,000	-	205,000	17,000	17,000	18,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000
01-02-5425-011		Meters - D-Jobs	CS, OO	39,996	-	39,996	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333
01-02-5432-000		Well Site - Maintenance	OO	-	-	-												
01-02-5433-000		Maintenance - Booster Pumps	OO, ISP, WRS	36,000	-	36,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
	02-02-5621-000	Sewer Flow Monitoring Expense	OO, ISP	-	18,000	18,000	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
01-02-5431-000		Land Lease Cost Expense Well 16	OO, ISP, WRS	16,000	-	16,000	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333
01-02-5432-007		Well Site - Lease Payment	OO, ISP, WRS	300	-	300	25	25	25	25	25	25	25	25	25	25	25	25
		Distribution System		366,914	18,000	384,914	35,321	28,291	29,191	38,179	28,191	28,291	40,691	40,691	31,291	28,291	28,291	28,191

							Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
REGULATORY																		
		General & Administrative		*water*	*sewer*	*total*												
01-01-5130-000	02-01-5130-000	Administrative Consultants	*All*	25,772	9,228	35,000	2,917	2,917	2,917	2,917	2,917	2,917	2,917	2,917	2,917	2,917	2,917	2,917
01-01-5180-000	02-01-5180-000	Office Supplies & Misc Expense	*CS*	573	573	1,145	95	95	95	95	95	95	95	95	95	95	95	95
01-01-5270-001		Water Conservation Expense	*CS, CSY,WRS, SUS*	33,504	-	33,504	2,792	2,792	2,792	2,792	2,792	2,792	2,792	2,792	2,792	2,792	2,792	2,792
01-01-5270-002		Water Conservation - Outreach	*CS, CSY,WRS, SUS*	-	-	-												
01-01-5270-003		Water Conservation Turf Rebate	*CS, CSY,WRS, SUS*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01-01-5270-005		Water Conservation Rebates	*CS, CSY,WRS, SUS*	10,000	-	10,000	833	833	833	833	833	833	833	833	833	833	833	833
01-01-5270-006		Interns	*ISP*	15,000	-	15,000	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250
01-01-5270-007		Community Outreach	*CS, CSY,WRS, SUS*	40,500	-	40,500	3,375	3,375	3,375	3,375	3,375	3,375	3,375	3,375	3,375	3,375	3,375	3,375
01-01-5300-000	02-01-5300-000	Training-Office	*PQ, ELD, ISP, ER*	-	-	-												
01-01-5320-000	02-01-5320-000	Conferences & Seminars	*ELD*	-	-	-												
01-01-5355-000	02-01-5355-000	Memberships/Subscriptions	*PQ, ER*	-	-	-												
		General & Administrative		125,349	9,800	135,149	11,262	11,262	11,262	11,262	11,262	11,262	11,262	11,262	11,262	11,262	11,262	11,262
		Plant Operations		*water*	*sewer*	*total*												
01-02-5450-000		Lab & Sampling Expense	*PQ, ER*	150,000	-	150,000	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500
01-02-5450-013		Lab & Sampling Expense - MTBE	*PQ, ER*	25,000	-	25,000	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083
NEW		Water Quality - Non-Lab & Sampling	*PQ, ER*	74,004	-	74,004	6,167	6,167	6,167	6,167	6,167	6,167	6,167	6,167	6,167	6,167	6,167	6,167
		Plant Operations		249,004	-	249,004	20,750	20,750	20,750	20,750	20,750	20,750	20,750	20,750	20,750	20,750	20,750	20,750
OPERATIONS																		
		General & Administrative		*water*	*sewer*	*total*												
01-01-5130-000	02-01-5130-000	Administrative Consultants	*All*	-	-	-												
01-01-5320-000	02-01-5320-000	Conferences & Seminars	*ELD*	2,637	863	3,500	292	292	292	292	292	292	292	292	292	292	292	292
01-01-5355-000	02-01-5355-000	Memberships/Subscriptions	*PQ, ER*	525	175	700	58	58	58	58	58	58	58	58	58	58	58	58
		General & Administrative		3,162	1,038	4,200	350	350	350	350	350	350	350	350	350	350	350	350
		Plant Operations		*water*	*sewer*	*total*												
01-02-5150-000	02-02-5150-000	Building Maintenance-Plant	*OO, ISP*	26,119	8,881	35,000	15,000	3,500	1,200	1,200	1,500	1,200	1,000	1,000	1,200	3,500	3,500	1,200
01-02-5170-000	02-02-5170-000	Landscaping Expenses-Plant	*OO*	5,029	2,971	8,000	1,200	400	400	400	400	400	400	400	400	1,200	1,200	1,200
01-02-5180-000	02-02-5180-000	Office Supplies & Misc Expense	*CS*	10,024	11,276	21,300	2,000	1,700	1,700	1,700	1,700	1,700	2,000	1,700	1,700	1,700	1,700	2,000
01-02-5200-000	02-02-5200-000	Utilities-Plant	*OO*	15,750	5,250	21,000	900	2,600	900	2,600	900	2,600	900	2,600	900	2,600	900	2,600
01-02-5300-000	02-02-5300-000	Training-Plant	*PQ, ELD, ISP, ER*	9,014	2,986	12,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
01-02-5310-000	02-02-5310-000	Operator Certifications-Educ	*PQ, ELD, ISP, ER*	3,600	900	4,500	400	300	200	800	800	100	300	300	100	400	300	500
01-02-5330-000	02-02-5330-000	Safety & Security	*FV, ER*	20,553	7,447	28,000	3,000	1,700	3,000	1,800	3,000	1,600	3,000	1,600	3,000	1,600	3,000	1,700
01-02-5340-000	02-02-5340-000	Uniforms	*OO*	11,836	4,164	16,000	1,100	1,100	1,100	1,100	2,500	1,100	1,100	1,100	1,100	1,100	1,100	2,500
01-02-5360-000	01-02-5360-000	Emergency Operations/Repairs	*FV, ISP, ER*	12,000	-	12,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
01-02-5380-000	02-02-5380-000	Tools and Equipment Maintenance	*OO*	15,484	16,516	32,000	5,000	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,000	2,500
01-02-5390-100	01-02-5390-100	Nitrate Plant - Maintenance	*OO*	82,500	-	82,500	8,000	12,000	12,000	12,000	7,000	3,500	3,500	3,500	4,000	4,000	6,000	7,000
	02-02-5402-000	Power Purchased - Lift Station	*OO*	-	800	800	75	65	65	65	65	65	65	65	65	65	65	75
01-02-5441-000	01-02-5441-000	Inventory Shrinkage/Disposal	*OO*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01-02-5460-000	01-02-5460-000	Water Treatment Expense	*PQ, OO, ER*	85,000	-	85,000	5,000	10,000	10,000	5,000	15,000	5,000	10,000	10,000	2,500	2,500	5,000	5,000
		Plant Operations		296,910	61,190	358,100	43,675	37,865	35,065	31,165	37,365	21,765	26,765	26,765	19,465	23,165	26,765	28,275
		Distribution / Collection System		*water*	*sewer*	*total*												
01-02-5423-000	01-02-5423-000	Pipelines - Maintenance	*OO, ISP, WRS*	43,569	16,431	60,000	8,000	7,000	2,000	15,000	2,000	2,000	5,000	2,000	2,000	2,000	5,000	8,000
01-02-5423-008	01-02-5423-008	Fire Hydrant Repair/Replace	*OO, ISP*	12,000	-	12,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
01-02-5423-010	01-02-5423-010	Pipelines-Trench Plate Rentals	*OO, ISP, WRS*	2,000	-	2,000	100	100	400	100	100	100	300	100	100	100	400	100
01-02-5423-011	01-02-5423-011	Water Sampling Stations	*PQ, WRS*	500	-	500	150	-	-	-	100	-	-	-	100	-	-	150

				water	sewer	total	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
01-02-5423-012	01-02-5423-012	Pipelines - Valves	*OO, ISP, WRS*	6,000	-	6,000	1,000	500	500	500	250	250	250	250	500	500	500	1,000
01-02-5424-000	01-02-5424-000	Reservoir Maintenance	*OO, ISP, WRS*	75,000	-	75,000	8,000	9,000	9,000	5,000	5,000	3,000	3,000	3,000	3,000	7,000	10,000	10,000
01-02-5424-006	01-02-5424-006	Reservoir Landscape	*OO, ISP, WRS*	20,000	-	20,000	400	200	3,200	200	200	200	4,000	200	200	3,400	3,800	4,000
01-02-5425-000	01-02-5425-000	Meter Maintenance	*OO, ISP, WRS*	250,000	-	250,000	30,000	30,000	25,000	12,000	12,000	12,000	12,000	12,000	25,000	25,000	25,000	30,000
01-02-5425-008	01-02-5425-008	Meter Repair/Replace/Upgrade	*OO, ISP, WRS*	10,000	-	10,000	1,500	500	500	500	500	500	1,500	1,500	500	500	500	1,500
01-02-5425-009	01-02-5425-009	Lateral Leaks and Repairs	*OO, ISP, WRS*	85,000	-	85,000	8,000	9,000	9,000	5,000	5,000	3,000	3,000	3,000	10,000	10,000	10,000	10,000
01-02-5425-010	01-02-5425-010	Meters - Trench Plate Rentals	*OO, ISP, WRS*	5,000	-	5,000	500	400	400	400	400	400	400	400	400	400	400	500
01-02-5432-000	01-02-5432-000	Well Site - Maintenance	*OO, ISP, WRS*	50,000	-	50,000	5,000	3,000	2,000	6,000	2,000	2,000	20,000	2,000	2,000	2,000	2,000	2,000
01-02-5432-006	01-02-5432-006	Well Site - Landscape	*OO, ISP, WRS*	7,000	-	7,000	1,400	1,300	200	200	200	200	200	200	200	1,300	200	1,400
01-02-5433-000	01-02-5433-000	Maintenance - Booster Pumps	*OO, ISP, WRS*	36,000	-	36,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
01-02-5434-000	01-02-5434-000	Emergency Power Generators	*ER*	22,500	-	22,500	500	500	500	3,000	2,500	3,000	3,000	2,000	2,000	1,500	1,000	3,000
01-02-5440-000	02-02-5440-000	Auto/Truck Maintenance	*OO*	60,914	31,586	92,500	10,000	5,000	4,000	10,000	4,000	4,500	5,000	10,000	10,000	10,000	10,000	10,000
01-02-5440-015	02-02-5440-015	Auto/Truck Maintenance-Gas	*OO*	21,332	6,668	28,000	2,000	3,000	3,000	3,000	3,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
01-02-5440-016	02-02-5440-016	Auto/Truck Maintenance-Diesel	*OO*	21,537	7,463	29,000	2,000	3,000	3,000	3,000	3,000	2,000	2,000	2,000	3,000	2,000	2,000	2,000
	02-02-5624-000	Sewer Camera Van Inspection	*OO*	-	3,000	3,000	400	200	200	200	200	400	200	200	200	200	200	400
	02-02-5625-000	Sewer Interceptor Maintenance	*OO*	-	10,000	10,000	1,500	1,000	1,000	500	500	750	500	500	500	750	1,000	1,500
	02-02-5628-000	Sewer Lift Station Maintenance	*OO*	-	6,000	6,000	250	2,000	250	250	250	250	250	250	250	250	250	1,500
		Distribution / Collection System		728,352	81,148	809,500	84,700	79,700	68,150	68,850	45,200	40,550	66,600	45,600	65,950	72,900	78,250	93,050
							83700	91700	80950	67850	43200	39550	65600	44600	64950	71500	77250	105050

ADMINISTRATION

				water	sewer	total	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
		General & Administrative		*water*	*sewer*	*total*												
01-01-5090-000	02-01-5090-000	GL, Property, Fidelity Ins	*FV, ER*	61,200	61,200	122,400	10,200	10,200	10,200	10,200	10,200	10,200	10,200	10,200	10,200	10,200	10,200	10,200
01-01-5100-000	02-01-5100-000	Accounting	*FV*	6,750	6,750	13,500	-	-	-	-	-	-	13,000	-	500	-	-	-
01-01-5125-000	02-01-5125-000	Legal	*PQ, ER*	90,000	30,000	120,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
01-01-5130-000	02-01-5130-000	Administrative Consultants	*All*	20,250	7,250	27,500	-	-	-	-	10,000	10,000	7,500	-	-	-	-	-
01-01-5140-000		Election Expense	*SUS*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01-01-5150-000	02-01-5150-000	Building Maintenance-Office	*OO, ISP*	13,526	4,474	18,000	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
01-01-5170-000	02-01-5170-000	Landscaping Expense	*OO, ISP*	11,168	3,832	15,000	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250
01-01-5180-000	02-01-5180-000	Office Supplies & Misc Expense	*CS*	3,000	3,000	6,000	500	500	500	500	500	500	500	500	500	500	500	500
01-01-5200-000	02-01-5200-000	Utilities	*OO*	22,526	7,474	30,000	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
01-01-5230-000	02-01-5230-000	Printing Postage Stationery	*OO*	36,000	36,000	72,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
01-01-5240-000	02-01-5240-000	Uncollectible Accounts	*FS*	4,302	1,398	5,700	475	475	475	475	475	475	475	475	475	475	475	475
01-01-5250-000		Water System Fees	*OO*	60,000	-	60,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
01-01-5300-000	02-01-5300-000	Training-Office	*PQ, ELD, ISP, ER*	4,500	1,500	6,000	250	250	1,000	250	250	1,000	250	250	1,000	250	250	1,000
01-01-5320-000	02-01-5320-000	Conferences & Seminars	*ELD*	3,315	1,085	4,400	-	-	1,000	1,000	-	1,200	-	-	1,200	-	-	-
01-01-5320-005	02-01-5320-005	Conferences & Seminars-Board	*ELD, SUS*	2,712	888	3,600	300	300	300	300	300	300	300	300	300	300	300	300
01-01-5350-000	02-01-5350-000	Misc Administration	*OO*	3,495	1,485	4,980	415	415	415	415	415	415	415	415	415	415	415	415
01-01-5350-005	02-01-5350-005	Misc Administration-Board	*OO, SUS*	2,264	736	3,000	250	250	250	250	250	250	250	250	250	250	250	250
01-01-5355-000	02-01-5355-000	Memberships/Subscriptions	*PQ, ER*	22,275	7,425	29,700	500	200	500	20,000	500	500	500	500	500	500	500	5,000
01-01-5365-000	02-01-5365-000	Bank Charges	*FV, OO*	33,000	33,000	66,000	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500
01-01-5920-001	02-01-5920-001	Rental Expense - PA House	*OO*	857	343	1,200	100	100	100	100	100	100	100	100	100	100	100	100
01-01-5920-002	02-01-5920-002	Rental Expense - Sycamore House	*OO*	1,385	415	1,800	150	150	150	150	150	150	150	150	150	150	150	150
		General & Administrative		402,524	208,256	610,780	44,890	44,590	46,640	65,390	54,890	56,840	65,390	44,890	47,340	44,890	44,890	50,140
		Plant Operations		*water*	*sewer*	*total*												
01-02-5145-000	02-02-5145-000	Taxes-Property	*OO*	13,476	4,524	18,000	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
		Plant Operations		13,476	4,524	18,000	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500

Cash Flows - Water Fund	*Recorded*	*Recorded*	*Recorded*	*Budgeted*	*Projected*	*Budget*	*Projected*	*Projected*	*Projected*	*Projected*	*Projected*
	FY 2015-16	**FY 2016-17**	**FY 2017-18**	**FY 2018-19**	**FY 2018-19**	**FY 2019-20**	**FY 2020-21**	**FY 2021-22**	**FY 2022-23**	**FY 2023-24**	**FY 2024-25**
Revenue											
Water Sales - Service, Fixed [1]	1,985,993	2,305,004	2,707,497	2,886,775	2,824,255	3,057,267	3,303,988	3,570,620	3,858,769	4,170,172	4,506,705
Water Sales - Metered, Variable [2]	5,952,066	6,632,864	8,024,289	8,603,923	7,844,338	9,456,567	10,118,526	10,826,823	11,584,701	12,395,630	13,263,324
Interest Income - Water Reserve [3]	272,474	180,134	311,694	165,000	195,000	125,000	125,000	125,000	125,000	125,000	125,000
Interest Income - MTBE Reserve	103,498	115,000	10,485	76,000	75,552	75,000	75,000	75,000	75,000	75,000	75,000
Other Income - Water [4]	138,183	132,964	145,117	96,374	142,914	160,000	160,000	160,000	160,000	160,000	160,000
Construction Revenues [5]	872,193	807,081	1,066,196	669,389	802,211	452,500	452,500	452,500	452,500	452,500	452,500
Total Revenue:	**9,324,407**	**10,173,047**	**12,265,278**	**12,497,461**	**11,884,270**	**13,326,334**	**14,235,015**	**15,209,943**	**16,255,970**	**17,378,302**	**18,582,529**
Emergency Funding from MTBE for TTHMs:					**1,000,000**						
O&M Expense											
Labor & Benefits	2,706,328	2,970,119	2,959,433	3,234,186	3,175,518	3,332,964	3,419,621	3,508,531	3,599,753	3,693,346	3,789,373
Purchased Water (FMWD)	2,454,524	3,045,346	3,087,280	3,767,540	3,333,309	3,799,290	3,951,262	4,109,312	4,273,685	4,444,632	4,622,417
Purchased Water (GWP)	49,036	150,944	155,200	154,000	96,000	157,850	161,796	165,841	169,987	174,237	178,593
Power Purchases	673,699	694,548	697,000	714,425	714,425	732,286	746,931	761,870	777,107	792,650	808,503
Operating Expenses	1,930,258	1,766,416	1,924,851	2,265,300	1,934,458	2,558,042	2,624,551	2,692,790	2,762,802	2,834,635	2,908,336
Total O&M Expense:	**7,813,844**	**8,627,373**	**8,823,764**	**10,135,451**	**9,253,710**	**10,580,432**	**10,904,162**	**11,238,344**	**11,583,334**	**11,939,500**	**12,307,222**
Debt Service	**615,000**	**615,000**	**615,000**	**550,000**	**539,645**	**550,000**	**550,000**	**550,000**	**550,000**	**550,000**	**550,000**
Cash Available for Capital	**895,563**	**930,674**	**2,826,514**	**1,812,010**	**3,090,915**	**2,195,902**	**2,780,853**	**3,421,599**	**4,122,636**	**4,888,802**	**5,725,307**
Capital, OPEB & Other Commitments											
CIP - PayGo	2,941,096	2,335,400	3,931,700	1,476,500	2,820,000	3,180,000	5,110,000	4,415,000	4,505,000	4,135,000	3,875,000
Capital Outlays & Equipment	26,180	45,177	120,000	173,775	173,775	220,000	220,000	220,000	220,000	220,000	220,000
OPEB Commitment	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Total Capital, OPEB & Other Commitments:	**3,067,276**	**2,480,577**	**4,151,700**	**1,750,275**	**3,093,775**	**3,500,000**	**5,430,000**	**4,735,000**	**4,825,000**	**4,455,000**	**4,195,000**
Increase (Decrease) to Cash	**(2,171,713)**	**(1,549,903)**	**(1,325,186)**	**61,735**	**(2,860)**	**(1,304,098)**	**(2,649,147)**	**(1,313,401)**	**(702,364)**	**433,802**	**1,530,307**
Effective date of water rates	7/1/15	7/1/16	7/1/17	7/1/18	7/1/18	7/1/19	7/1/20	7/1/21	7/1/22	7/1/23	7/1/24
Historical/projected rate increase	5.7%	5.2%	7.2%	5.5%	5.5%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
Service rates ($/month for 3/4" meter)	$19.10	$20.53	$23.96	$25.28	$25.28	$27.05	$28.94	$30.97	$33.14	$35.46	$37.94
Quantity Charge: ($/kgal for 1st 10,000 gallons)	$4.61	$4.39	$4.58	$4.83	$4.83	$5.17	$5.53	$5.92	$6.33	$6.77	$7.25
Reserve Fund Balances											
Beginning Balance	**4,048,384**	**3,719,947**	**3,170,820**	**2,345,634**	**2,345,634**	**2,492,774**	**4,933,676**	**2,284,529**	**971,128**	**268,764**	**702,566**
From MTBE Fund (Transfer In)	2,000,000	1,000,000	500,000		150,000	3,745,000	0	0	0	0	0
Re-Payment of MTBE Fund (Transfer Out)				0	0	0	0	0	0	0	0
Ending Balance	**3,719,947**	**3,170,820**	**2,345,634**	**2,407,369**	**2,492,774**	**4,933,676**	**2,284,529**	**971,128**	**268,764**	**702,566**	**2,232,873**
Target	3,130,000	3,313,000	3,707,000	3,948,000	3,948,000	4,218,000	4,412,000	4,618,000	4,836,000	5,069,000	5,317,000
Above (Below) Target	**589,947**	**(142,180)**	**(1,361,366)**	**(1,540,631)**	**(1,455,226)**	**715,676**	**(2,127,471)**	**(3,646,872)**	**(4,567,236)**	**(4,366,434)**	**(3,084,127)**

Crescenta Valley Water District
5-year Capital Improvement Project Priority List

Capital Improvement Project Program Project Name	Budget FY 19/20	Budget FY 20/21	Budget FY 21/22	Budget FY 22/23	Budget FY 23/24	Budget FY 24/25	Total Cost Estimate	Category	Priority A, B, or C(1)	Priority Level	Project Description
Well Rehabilitation	$190,000	$196,000	$202,000	$208,000	$214,000	$220,000	$1,230,000	Water Supply	A	1	**Well Rehabilitation** - Remove & Inspect Well Pump & Casing, Chemical Treatment Well Casing, Pump Test, New Pump & Motor; Average rehab of 2 wells per year
Reservoir Rehabilitation	$410,000	$450,000	$100,000	$140,000	$650,000	$600,000	$2,350,000	Water Storage	A	2	**Reservoir Rehabilitation** - Structural repairs and re-coating of Steel Reservoirs and joint & concrete repairs of Concrete Reservoirs (FY 21/22 & FY 22/23) during the winter (low demand) season
Annual Pipeline Replacement	$2,112,000	$2,325,000	$2,600,000	$2,800,000	$3,100,000	$3,400,000	$16,337,000	Water Distribution	A	3	**Pipeline Replacement** based on replacement of 50-year old or older pipe over next 100 years (1.6 miles per year); Funding levels start at 1 mile in FY 19/20, increasing replacement over next 5 years at 10% per year; based on $400/LF; Total replacement = 40,740 LF or 7.7 miles
Annual Booster Pump Replacement	$75,000	$75,000	$80,000	$85,000	$95,000	$95,000	$505,000	Water Distribution	A	4	**Replace Booster Pumps** - Replace or Repair pump and motors based on water to wire efficiency, hours in service and age of pump; Average 2 Booster Pumps per year
Rehabilitation of Ramsdell/Mayfield Blending Station	$165,000	$435,000					$600,000	Water Distribution	A	5	**Rehabilitation of Ramsdell/Mayfield Blending Station** - Replacement of piping and equipment and new pressure reducing station from Zone 2 to Zone 1 to assist with isolating Zone 1 & Encinal Reservoir
SCADA Replacement - Equipment & Integration	$315,000	$285,000					$600,000	Technology	A	6	**Replacement of SCADA System Equipment** - Design, equipment, installation, programming and integration for the replacement of RTU/PLC Equipment at 26 sites over a 2-yr period
Advanced Metering Infrastructure (AMI) Program	$557,000	$788,000	$380,000	$494,000	$481,000		$2,700,000	Technology	A	7	**AMI Network System** - Meter replacement, meter lids & transceivers; AMI communication network and customer portal over a 5-year period.
District Facility Improvements	$110,000	$300,000	$150,000	$250,000	$300,000	$250,000	$1,360,000	Facilities & Planning	A	8	**Facility Improvements** - Design and construction at Williams Reservoir; new roof at Old Encinal Reservoir; roadway and site improvements at Pickens; Edmund #2 and Goss Canyon Reservoirs
Priority A - Total	$3,934,000	$4,854,000	$3,512,000	$3,977,000	$4,840,000	$4,565,000	$25,682,000				
Reservoir Water Quality Mixing System	$165,000	$165,000					$330,000	Water Storage	B	1	**Installation of Reservoir Mixing Equipment System** - New reservoir WQ mixing equipment and SCADA improvments at 9 site to maintain water quality and chloramines
Rehabilitation & New Water Surge Tanks	$75,000	$75,000		$125,000			$275,000	Water Distribution	B	2	**Rehabilitation & New Water Surge Tanks** - Replacement of piping & appurtenances at Glenwood Plant; New water surge tank at Mills Plant; Replacement of Aeration Tower at Mills Plant
Reservoir - Seismic Sensors & Valve Actuators			$105,000	$105,000	$125,000		$335,000	Public Safety/Emergency Response	B	3	**Reservoir - Seismic Sensors & Valve Actuators** - Design and Construction of Seismic Sensors & Valve Actuators at Ordunio, Encinal & Oak Creek Reservoirs.
Booster Station & Motor Control Center Upgrades			$170,000	$900,000			$1,070,000	Water Distribution	B	4	**Booster Station & Motor Control Center Upgrades** - Design and construction of pump station piping & valve upgrades and new motor control center at Paschall Booster Station
New Well - Well 18 (Sycamore House)					$175,000	$1,750,000	$1,925,000	Water Supply	B	5	**New Groundwater Well (Well 18)** - Site demo; drill new well, new casing, new pump & motor; new electrical/telemetry; new bldg; site improvements and appurtenances to replace Well 10.
Priority B - Total	$240,000	$240,000	$275,000	$1,130,000	$300,000	$1,750,000	$3,935,000				
Stormwater Recharge at Crescenta Valley County Park	$105,000	$400,000	$1,250,000	$745,000			$2,500,000	Water Supply	C	1	**Stormwater Recharge Project** - Design and Construction at CVC Park; funding/grants; stakeholder/task force; water rights
Water Well Replacement Study & Pilot Hole Construction				$150,000	$250,000		$400,000	Water Supply	C	2	**Water Well Replacement & Pilot Hole** - Study, design and construction for the replacement of CVWD's wells; install pilot holes; planning for new wells
Water Quality - Nitrate Treatment Plant Upgrades					$200,000	$500,000	$700,000	Water Quality	C	3	**Nitrate Treatment Plant Upgrades** - Replacement of Resin at Ion Exchange Treatment Plant; Replacement of media at AroNIte Treatment Plant
New Emergency Electrical Generator					$150,000		$150,000	Public Safety/Emergency Response	C	4	**Emergency Electrical Generator** - Design and Construction of a new emergency generator at Mills Plant (200 kW)
Main Office - New Roof with Solar Panels			$125,000				$125,000	Facilities & Planning	C	5	**New Roof at Main Office** - Design and Construction to replace ex. roof with a sloped roof with solar panels
Priority C - Total	$105,000	$400,000	$1,375,000	$895,000	$600,000	$500,000	$3,875,000				
Total	$4,279,000	$5,494,000	$5,162,000	$6,002,000	$5,740,000	$6,815,000	$33,492,000				

Notes:

1. Priority A - Projects that NEED to be completed within the next 5 years
2. Priority B - Project that SHOULD be complete within the next 5 years
3. Priority C - Project that should be complete and could be deferred over the next 5 years

Date: 5/17/2019