

CITY OF RIVERSIDE  
520 - WATER FUND  
FY 2018-23 FIVE-YEAR PLAN

CATEGORY		DESCRIPTION	2016-17 ACTUALS	2017-18 PROJECTED	2018-19		2019-20		2020-21		2021-22		2022-23	
					PRELIM.	%	PRELIM.	%	PROJ.	%	PROJ.	%	PROJ.	%
RETAIL SALES	Projected customer usage & growth, includes impacts of proposed 5-year rate plan	Residential	34,993,655	37,549,322	38,465,000	2.4%	40,729,000	5.9%	43,030,000	5.6%	45,439,000	5.6%	48,257,000	6.2%
		Commercial/Industrial	17,868,788	19,140,286	17,120,000	-10.6%	17,770,000	3.8%	18,497,000	4.1%	19,265,000	4.2%	20,133,000	4.5%
		Other	1,763,851	1,889,574	6,902,000	265.3%	7,090,000	2.7%	7,314,000	3.2%	7,545,000	3.2%	7,808,000	3.5%
		TOTAL RETAIL SALES		54,626,294	58,579,182	62,487,000	6.7%	65,589,000	5.0%	68,841,000	5.0%	72,249,000	5.0%	76,198,000
WATER WHOLESALE & CONVEYANCE	Contractual agreements	Water Conveyance	4,385,298	3,016,000	3,123,000	3.5%	3,238,000	3.7%	3,283,000	1.4%	3,328,000	1.4%	3,374,000	1.4%
		Wholesale Sales	823,248	1,947,000	2,394,000	23.0%	4,060,000	69.6%	4,141,000	2.0%	4,224,000	2.0%	4,309,000	2.0%
		TOTAL WATER WHOLESALE & CONVEYANCE REVENUES		5,208,546	4,963,000	5,517,000	11.2%	7,298,000	32.3%	7,424,000	1.7%	7,552,000	1.7%	7,683,000
OTHER OPERATING REVENUE	Contractual agreements, past revenue history	Other Operating Revenues	1,703,058	1,855,532	1,791,303	-3.5%	1,791,303	0.0%	1,791,303	0.0%	1,791,303	0.0%	1,791,303	0.0%
		TOTAL OTHER OPERATING REVENUES		1,703,058	1,855,532	1,791,303	-3.5%	1,791,303	0.0%	1,791,303	0.0%	1,791,303	0.0%	1,791,303
NON-OPERATING REVENUE	Contractual agreements, past revenue history	Interest income	16,825	694,300	911,400	31.3%	1,065,800	16.9%	1,228,000	15.2%	1,498,000	22.0%	1,804,000	20.4%
		Property Lease Revenues	1,675,933	1,832,712	2,743,000	49.7%	2,799,000	2.0%	2,854,980	2.0%	2,912,080	2.0%	2,970,321	2.0%
		Other Non-operating Revenues	253,622	250,435	117,600	-53.0%	117,600	0.0%	117,600	0.0%	117,600	0.0%	117,600	0.0%
		TOTAL NON-OPERATING REVENUES		1,946,380	2,777,447	3,772,000	35.8%	3,982,400	5.6%	4,200,580	5.5%	4,527,680	7.8%	4,891,921
CAPITAL CONTRIBUTIONS	Projected trends in development	Capital Contributions	2,582,097	1,600,000	1,050,000	-34.4%	1,050,000	0.0%	1,000,000	-4.8%	1,000,000	0.0%	1,000,000	0.0%
		Backup Facility Capacity Charges	942,062	800,000	1,000,000	25.0%	1,000,000	0.0%	1,000,000	0.0%	1,000,000	0.0%	1,000,000	0.0%
		TOTAL CAPITAL CONTRIBUTIONS		3,524,159	2,400,000	2,050,000	-14.6%	2,050,000	0.0%	2,000,000	-2.4%	2,000,000	0.0%	2,000,000
WATER CONSERVATION	1.5% of Retail Sales	Water Conservation Surcharge	1,119,729	868,845	953,822	9.8%	995,783	4.4%	1,033,000	3.7%	1,084,000	4.9%	1,143,000	5.4%
		TOTAL WATER CONSERVATION SURCHARGE		1,119,729	868,845	953,822	9.8%	995,783	4.4%	1,033,000	3.7%	1,084,000	4.9%	1,143,000
OTHER FINANCING SOURCES	Bond Proceeds and Use of Reserves	Use of Bond Proceeds for CIP	-	-	11,617,000	N/A	12,899,000	11.0%	26,853,000	108.2%	18,891,000	-29.7%	24,965,000	32.2%
		Use of Equipment Lease Proceeds		2,300,000										
		Use of Water Fund Reserves	10,210,332	18,158,399	4,621,273	-74.6%								
		Use of Water Conservation Reserves	214,995	238,938	699,296	192.7%	748,543	7.0%	-		-		-	
		TOTAL OTHER FINANCING SOURCES		10,425,327	20,697,337	16,937,569	-18.2%	13,647,543	-19.4%	26,853,000	96.8%	18,891,000	-29.7%	24,965,000
TOTAL REVENUES AND OTHER FINANCING SOURCES			78,553,493	92,141,343	93,508,694	1.5%	95,354,029	2.0%	112,142,883	17.6%	108,094,983	-3.6%	118,672,224	9.8%

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						PRELIM.	%	PRELIM.	%	PROJ.	%	PROJ.	%	PROJ.	%
PERSONNEL	Based on Partnership Compensation Model and Memorandums of Understanding	Salaries		11,152,672	12,440,908	13,602,713	9.3%	14,463,972	6.3%	15,153,926	4.8%	15,508,656	2.3%	15,595,109	0.6%
		Overtime		2,381,187	2,048,488	1,544,394	-24.6%	1,558,047	0.9%	1,589,208	2.0%	1,620,993	2.0%	1,653,414	2.0%
		CalPERS		3,429,092	3,806,872	4,204,042	10.4%	4,632,956	10.2%	4,984,377	7.6%	5,372,235	7.8%	5,743,211	6.9%
		Benefits & Other		2,792,121	2,874,941	3,128,746	8.8%	3,244,379	3.7%	3,123,338	-3.7%	3,226,008	3.3%	3,318,049	2.9%
		TOTAL PERSONNEL		19,755,072	21,171,209	22,479,895	6.2%	23,899,354	6.3%	24,850,849	4.0%	25,727,892	3.5%	26,309,783	2.3%
SYSTEM OPERATIONS	Includes increases based on historical CPI, internal policies, historical trends, contractual agreements, General Fund Cost Allocation Plan and Utilization Charges	Production Costs		5,418,510	5,839,533	5,544,353	-5.1%	5,018,279	-9.5%	5,117,000	2.0%	5,218,000	2.0%	5,308,000	1.7%
		Professional Services		1,302,854	1,766,504	1,798,270	1.8%	1,962,140	9.1%	2,001,383	2.0%	2,041,410	2.0%	2,082,239	2.0%
		Maintenance/Repair		1,883,484	1,956,803	1,947,750	-0.5%	1,947,750	0.0%	1,986,705	2.0%	2,026,439	2.0%	2,066,968	2.0%
		Taxes and Assessments		2,247,885	2,284,104	2,512,106	10.0%	2,600,253	3.5%	2,652,258	2.0%	2,705,303	2.0%	2,759,409	2.0%
		Equipment Rental and Fuel Costs		1,769,109	1,584,808	1,799,898	13.6%	1,889,890	5.0%	1,927,688	2.0%	1,966,242	2.0%	2,005,566	2.0%
		Chemical Supplies		389,403	328,483	597,900	82.0%	647,900	8.4%	660,858	2.0%	674,075	2.0%	687,557	2.0%
		Insurance		393,506	451,273	649,694	44.0%	604,447	-7.0%	616,536	2.0%	628,867	2.0%	641,444	2.0%
		Technology-Licences, Maint., Replacements and Supplies		401,195	1,126,792	861,353	-23.6%	1,117,700	29.8%	1,274,804	14.1%	1,371,911	7.6%	1,914,089	39.5%
		Telephone and Utilities		198,280	215,108	169,924	-21.0%	190,298	12.0%	194,104	2.0%	197,986	2.0%	201,946	2.0%
		Maintenance/Safety/Special Department Supplies		335,712	294,882	320,130	8.6%	326,130	1.9%	332,653	2.0%	339,306	2.0%	346,092	2.0%
		Meeting, Travel and Training		57,027	62,326	120,100	92.7%	141,100	17.5%	143,922	2.0%	146,800	2.0%	149,736	2.0%
		Outside Legal Services		135,165	197,900	297,900	50.5%	297,900	0.0%	303,858	2.0%	309,935	2.0%	316,134	2.0%
		Property Management		55,497	20,000	195,000	875.0%	220,000	12.8%	220,000	0.0%	220,000	0.0%	220,000	0.0%
		Other Miscellaneous Operating		135,456	157,257	171,875	9.3%	171,465	-0.2%	174,894	2.0%	178,392	2.0%	181,960	2.0%
		Allowance for Uncollectibles		31,965	130,000	130,000	0.0%	130,000	0.0%	207,000	59.2%	217,000	4.8%	229,000	5.5%
		Low-Income Program		-	-	150,000	N/A	150,000	0.0%	150,000	0.0%	150,000	0.0%	150,000	0.0%
		Equipment Purchases/Replacements		23,685	2,350,132	-	N/A	-	N/A	500,000	N/A	500,000	0.0%	500,000	0.0%
		General Fund Allocation Charges		2,378,011	2,411,228	2,982,896	23.7%	3,187,587	6.9%	3,346,404	5.0%	3,486,503	4.2%	3,579,250	2.7%
		Charges from Others		7,900,334	8,380,745	9,377,783	11.9%	9,809,275	4.6%	10,205,461	2.0%	10,409,570	2.0%	10,409,681	2.0%
		Charges to Others		(7,054,898)	(6,903,204)	(7,449,000)	7.9%	(7,672,000)	3.0%	(7,825,440)	2.0%	(7,981,949)	2.0%	(8,141,588)	2.0%
		TOTAL SYSTEM OPERATIONS		18,002,180	22,654,674	22,177,932	-2.1%	22,740,114	2.5%	23,990,087	5.5%	24,601,790	2.5%	25,607,483	4.1%
CIP	Rate Plan Proposal Modified Option 1	Water Supply				5,817,967	N/A	2,175,920	-62.6%	2,797,417	28.6%	-	N/A	-	N/A
		Well Projects				3,173,437	N/A	2,175,920	-31.4%	3,356,900	54.3%	1,150,858	-65.7%	5,089,724	342.3%
		Transmission Pipelines				5,341,952	N/A	1,450,250	-72.9%	10,353,799	613.9%	6,214,629	-40.0%	6,320,727	1.7%
		Distribution Pipelines				5,657,180	N/A	6,745,351	19.2%	9,343,372	38.5%	10,127,544	8.4%	11,599,836	14.5%
		Distribution Facilities				1,745,390	N/A	2,284,716	30.9%	3,468,797	51.8%	2,416,800	-30.3%	1,479,571	-38.8%
		Reservoir Projects				-	N/A	-	N/A	559,484	N/A	-	N/A	591,828	N/A
		System Automation				964,725	N/A	3,984,109	313.0%	3,974,570	-0.2%	3,742,588	-5.8%	5,008,052	33.8%
		City-Wide IT Projects				98,807	N/A	87,088	-11.9%	30,629	-64.8%	-	N/A	-	N/A
		Capital Expenditures		18,669,185	25,116,485										
TOTALCAPITAL OUTLAY		18,669,185	25,116,485	22,799,458	-9.2%	18,903,354	-17.1%	33,884,968	79.3%	23,652,419	-30.2%	30,089,738	27.2%		
DEBT SERVICE	Annual principal & interest payments	Other Debt Related Charges		500,189	528,101	853,000	61.5%	739,000	-13.4%	745,000	0.8%	921,000	23.6%	908,000	-1.4%
		Bonds Principal		5,781,136	6,098,173	6,362,671	4.3%	7,689,455	20.9%	7,660,000	-0.4%	7,958,000	3.9%	9,820,000	23.4%
		Bonds Interest		7,794,410	7,868,952	8,886,258	12.9%	9,672,411	8.8%	9,098,000	-5.9%	10,148,000	11.5%	11,193,000	10.3%
		Capital Equipment Lease Principal		-	210,003	211,492	0.7%	216,524	2.4%	221,675	2.4%	226,950	2.4%	232,349	2.4%
		Capital Equipment Lease Interest		-	49,797	48,308	-3.0%	43,276	-10.4%	38,125	-11.9%	32,850	-13.8%	27,450	-16.4%
		Hillwood Principal		801,952	785,600	1,002,286	27.6%	1,063,004	6.1%	1,126,331	6.0%	1,192,364	5.9%	1,253,505	5.1%
		Hillwood Interest		242,145	377,466	450,676	19.4%	423,244	-6.1%	394,201	-6.9%	363,480	-7.8%	338,713	-6.8%
TOTAL DEBT SERVICE		15,119,832	15,918,092	17,814,691	11.9%	19,846,914	11.4%	19,283,332	-2.8%	20,842,645	8.1%	23,773,016	14.1%		
GENERAL FUND TRANSFER	11.5% of prior year operating revenues	General Fund Transfer		5,672,500	6,173,100	6,583,600	6.6%	7,025,300	6.7%	7,372,300	4.9%	7,744,800	5.1%	8,126,700	4.9%
		TOTAL GENERAL FUND TRANSFER		5,672,500	6,173,100	6,583,600	6.6%	7,025,300	6.7%	7,372,300	4.9%	7,744,800	5.1%	8,126,700	4.9%
WATER CONSERVATION	Planned programs	Water Conservation Program		1,334,724	1,107,783	1,653,118	49.2%	1,744,326	5.5%	1,033,000	-40.8%	1,084,000	4.9%	1,143,000	5.4%
		TOTAL WATER CONSERVATION PROGRAM		1,334,724	1,107,783	1,653,118	49.2%	1,744,326	5.5%	1,033,000	-40.8%	1,084,000	4.9%	1,143,000	5.4%
TOTAL EXPENDITURES AND TRANSFERS-OUT				78,553,493	92,141,343	93,508,694	1.5%	94,159,362	0.7%	110,414,536	17.3%	103,653,546	-6.1%	115,049,720	11.0%
NET SURPLUS / (DEFICIT)				-	-	-		1,194,667		1,728,347		4,441,436		3,622,504	

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RESERVES	Unrestricted Cash Reserves	Undesignated Cash Reserves	34,826,211	36,104,000	29,628,000		30,361,000		32,033,000		34,346,000		37,377,000	
		Designated Cash Reserves												
		Water property reserve	17,281,384	5,000,000	5,000,000		5,000,000		5,000,000		5,000,000		5,000,000	
		Cash reserved for recycled water project	9,359,470	3,099,000	-		-		-		-		-	
		Customer deposits reserve	552,648	553,000	553,000		553,000		553,000		553,000		553,000	
		Capital repair/replacement reserve	1,483,815	2,234,000	2,250,000		2,250,000		2,250,000		2,250,000		2,250,000	
	TOTAL UNRESTRICTED CASH BALANCE		63,503,528	46,990,000	37,431,000	-20.3%	38,164,000	2.0%	39,836,000	4.4%	42,149,000	5.8%	45,180,000	7.2%