

Table 2-3
Comparison of Groundwater Storage and Santa Ana River Flow
for CBWRMS Alternatives 3 and 4
(acre-ft)

Simulation Year	Hydrologic Year	End of Year Storage		Total Santa Ana River Flow at Prado		Difference in Storage	Difference in Outflow (Losses to River from Storage)
		Alt 3	Alt 4	Alt 3	Alt 4		
2000	1947	4,725,000	4,792,000	347,407	352,943	67,000	5,536
2001	1948	4,713,000	4,827,000	413,738	420,894	114,000	7,156
2002	1949	4,706,000	4,869,000	466,627	476,705	163,000	10,078
2003	1950	4,697,000	4,905,000	406,421	416,560	208,000	10,139
2004	1951	4,692,000	4,950,000	543,868	550,967	258,000	7,099
2005	1952	4,742,000	5,034,000	792,539	817,176	292,000	24,637
2006	1953	4,713,000	4,998,000	440,611	448,703	285,000	8,092
2007	1954	4,720,000	4,896,000	651,547	666,182	176,000	14,635
2008	1955	4,711,000	4,784,000	565,954	577,107	73,000	11,153
2009	1956	4,709,000	4,684,000	585,669	591,800	-25,000	6,131
2010	1957	4,703,000	4,682,000	661,933	664,800	-21,000	2,867
2011	1958	4,723,000	4,706,000	781,641	783,833	-17,000	2,192
2012	1959	4,697,000	4,683,000	466,853	469,124	-14,000	2,271
2013	1960	4,674,000	4,670,000	496,566	495,354	-4,000	-1,212
2014	1961	4,646,000	4,646,000	426,841	429,353	0	2,512
2015	1962	4,631,000	4,692,000	597,518	596,920	61,000	-598
2016	1963	4,614,000	4,727,000	587,424	591,025	113,000	3,601
2017	1964	4,586,000	4,750,000	487,997	493,835	164,000	5,838
2018	1965	4,584,000	4,796,000	717,162	727,487	212,000	10,325
2019	1966	4,571,000	4,833,000	623,701	635,886	262,000	12,185
2020	1967	4,572,000	4,874,000	699,926	719,041	302,000	19,115
2021	1968	4,540,000	4,840,000	488,588	497,664	300,000	9,076
2022	1969	4,576,000	4,783,000	1,041,947	1,055,875	207,000	13,928
2023	1970	4,556,000	4,678,000	830,366	836,723	122,000	6,357
2024	1971	4,530,000	4,570,000	517,684	522,635	40,000	4,951
2025	1972	4,501,000	4,545,000	424,518	427,887	44,000	3,369
2026	1973	4,492,000	4,540,000	639,882	642,372	48,000	2,490
2027	1974	4,481,000	4,533,000	607,742	610,451	52,000	2,709
2028	1975	4,451,000	4,510,000	479,146	481,087	59,000	1,941
2029	1976	4,422,000	4,491,000	502,324	500,819	69,000	-1,505
2030	1977	4,405,000	4,527,000	597,505	602,728	122,000	5,223
2031	1978	4,451,000	4,621,000	1,023,131	1,035,589	170,000	12,458
2032	1979	4,442,000	4,655,000	788,345	803,158	213,000	14,813
2033	1980	4,480,000	4,738,000	993,827	1,009,339	258,000	15,512
2034	1981	4,456,000	4,763,000	751,693	760,693	307,000	9,000
2035	1982	4,451,000	4,805,000	727,380	741,379	354,000	13,999
2036	1983	4,499,000	4,844,000	1,069,565	1,089,631	345,000	20,066
2037	1984	4,472,000	4,730,000	736,299	747,600	258,000	11,301
2038	1985	4,450,000	4,621,000	513,855	524,741	171,000	10,886
2039	1986	4,437,000	4,523,000	650,023	658,253	86,000	8,230
2040	1987	4,413,000	4,501,000	574,550	581,532	88,000	6,982
Total Lost From Conjunctive Use Storage and Expanded Local Storage (2000 to 2040)							<u>335,538</u>