

Table 7-4
Model-Estimated Inflows, Outflows and Rising Water Contributions to the Santa Ana River for the Prado Basin Management Zone
Baseline Scenario 2004/05 to 2028/29

(acre-ft)

Period	Inflow								Outflows				Rising Water Attributed to Inflows from Upgradient Management Zones				
	Inter-basin Flow			Deep Percolation		Stream Recharge	Official Recycled	Subtotal Inflows	Pumping	Uptake by Riparian Vegetation	Rising Groundwater	Subtotal Outflow	Chino North	Chino South	Temescal	PBMZ	Total
	Chino North	Chino South	Temescal	Precipitation	Applied Water												
1	8,440	2,638	1,360	2,168	1,193	10,759	4,500	31,058	4,771	16,134	11,232	32,137	1,924	601	310	8,397	11,232
2	7,865	2,522	889	2,138	1,164	11,639	4,500	30,716	4,657	16,117	10,492	31,266	1,476	473	167	8,376	10,492
3	7,432	2,456	927	2,107	1,136	12,270	4,500	30,828	4,542	16,117	10,157	30,816	1,211	400	151	8,395	10,157
4	7,014	2,408	956	2,077	1,107	12,629	4,500	30,691	4,428	16,117	10,007	30,552	1,062	365	145	8,435	10,007
5	6,724	2,374	964	2,047	1,078	12,861	4,500	30,547	4,312	16,134	9,904	30,350	968	342	139	8,455	9,904
6	6,567	2,352	952	2,016	1,050	12,967	4,500	30,404	4,198	16,117	9,800	30,115	910	326	132	8,431	9,800
7	4,434	2,036	934	1,986	1,021	13,596	4,500	28,507	4,082	16,117	9,332	29,531	518	238	109	8,468	9,332
8	3,117	1,796	920	1,956	992	14,717	4,500	27,997	3,966	16,117	8,482	28,565	170	98	50	8,164	8,482
9	2,632	1,726	898	1,925	962	15,338	4,500	27,982	3,849	16,134	8,078	28,061	53	35	18	7,972	8,078
10	2,351	1,686	867	1,895	934	15,591	4,500	27,823	3,734	16,117	7,843	27,694	6	4	2	7,831	7,843
11	2,201	1,669	831	1,864	904	15,761	4,500	27,731	3,618	16,117	7,742	27,477	0	0	0	7,742	7,742
12	2,124	1,661	794	1,834	875	15,864	4,500	27,652	3,501	16,117	7,704	27,322	0	0	0	7,704	7,704
13	2,128	1,666	758	1,804	838	15,941	4,500	27,635	3,354	16,134	7,749	27,237	0	0	0	7,749	7,749
14	2,154	1,665	721	1,773	802	15,921	4,500	27,536	3,206	16,117	7,780	27,103	0	0	0	7,780	7,780
15	2,228	1,673	682	1,743	765	15,909	4,500	27,499	3,058	16,117	7,865	27,040	0	0	0	7,865	7,865
16	2,337	1,685	642	1,713	728	15,878	4,500	27,483	2,911	16,117	7,973	27,001	4	3	1	7,965	7,973
17	2,493	1,706	605	1,682	691	15,861	4,500	27,538	2,763	16,134	8,134	27,031	26	18	6	8,084	8,134
18	2,618	1,712	570	1,682	691	15,776	4,500	27,549	2,763	16,117	8,221	27,101	44	29	10	8,138	8,221
19	2,719	1,721	535	1,682	691	15,757	4,500	27,605	2,763	16,117	8,300	27,180	58	37	11	8,194	8,300
20	2,793	1,726	505	1,682	691	15,751	4,500	27,647	2,763	16,117	8,358	27,238	68	42	12	8,235	8,358
21	2,853	1,731	478	1,682	691	15,780	4,500	27,714	2,763	16,134	8,431	27,328	78	47	13	8,293	8,431
22	2,858	1,724	477	1,682	691	15,767	4,500	27,699	2,763	16,117	8,426	27,306	78	47	13	8,287	8,426
23	2,881	1,727	808	1,682	691	15,703	4,500	27,991	2,763	16,117	8,449	27,329	85	51	24	8,288	8,449
24	2,899	1,728	1,199	1,682	691	15,447	4,500	28,147	2,763	16,117	8,494	27,374	109	65	45	8,274	8,494
25	2,933	1,735	1,489	1,682	691	15,169	4,500	28,199	2,763	16,134	8,581	27,478	142	84	72	8,283	8,581
Total	94,794	47,522	20,761	46,187	21,763	368,652	112,500	712,179	87,054	403,044	217,534	707,632	8,991	3,305	1,431	203,808	217,534
Average	3,792	1,901	830	1,847	871	14,746	4,500	28,487	3,482	16,122	8,701	28,305	360	132	57	8,152	8,701
Maximum	8,440	2,638	1,489	2,168	1,193	15,941	4,500	31,058	4,771	16,134	11,232	32,137	1,924	601	310	8,468	11,232
Minimum	2,124	1,661	477	1,682	691	10,759	4,500	27,483	2,763	16,117	7,704	27,001	0	0	0	7,704	7,704

50% of stream recharge in the PBMZ rises to become streamflow