IEUA and Chino Basin Watermaster Plan for Imported Water Recharge July 2017 - June 2018

Imported Water Turnout/Basin	Chino Basin Management Zone (MZ)	Area AC	Infiltration FT/D	Infiltration AF/D	All IW Turnouts	Jul '17 IW Share Capacity	Jul '17 Ops Days 31	Aug '17 IW Share Capacity	Aug '17 Ops Days 31	Sep '17 IW Share Capacity	Sep '17 Ops Days 30	Oct '17 IW Share Capacity	Oct '17 Ops Days 21	Nov '17 IW Share Capacity	Nov '17 Ops Days 14	Dec '17 IW Share Capacity	Dec '17 Ops Days 14	Jan '18 IW Share Capacity	Jan '18 Ops Days 14	Feb '18 IW Share Capacity	Feb '18 Ops Days 14	Mar '18 IW Share Capacity	Mar '18 Ops Days 14	Apr '18 IW Share Capacity	Apr '18 Ops Days 14	May '18 IW Share Capacity	May '18 Ops Days 21	Jun '18 IW Share Capacity	Jun '18 Ops Days 30	Notes
					Accum AF -->		6,532		13,063		19,384		22,307		23,790		25,012		26,235		27,457		28,680		30,375		34,458		40,602	
					AF/M -->		6,532		6,532		6,321		2,923		1,483		1,222		1,222		1,222		1,222		1,696		4,083		6,144	
					CFS-D -->		106		106		106		70		53		44		44		44		44		61		98		103	
						%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	
OC59 (300 cfs capacity)							**52.2**		**52.2**		**52.2**		**41.3**		**25.4**		**21.9**		**21.9**		**21.9**		**21.9**		**32.2**		**47.0**		**52.2**	
College Heights E	1	5.3	3.0	15.9		75%	6.0	75%	6.0	75%	6.0	75%	6.0	75%	6.0	75%	6.0	75%	6.0	75%	6.0	75%	6.0	75%	6.0	75%	6.0	75%	6.0	
College Heights W	1	4.7	3.0	14.1		50%	3.6	50%	3.6	50%	3.6	50%	3.6	50%	3.6	50%	3.6	50%	3.6	50%	3.6	50%	3.6	50%	3.6	50%	3.6	50%	3.6	
Upland	1	18.0	1.5	27.0		100%	13.6	100%	13.6	100%	13.6	50%	6.8	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	50%	6.8	100%	13.6	100%	13.6	
Montclair 1	1	7.4	2.5	18.5		95%	8.9	95%	8.9	95%	8.9	95%	8.9	95%	8.9	95%	8.9	95%	8.9	95%	8.9	95%	8.9	95%	8.9	95%	8.9	95%	8.9	No SAWCo Discharge
Montclair 2	1	11.0	2.5	27.5		100%	13.9	100%	13.9	100%	13.9	100%	13.9	50%	6.9	25%	3.5	25%	3.5	25%	3.5	25%	3.5	50%	6.9	100%	13.9	100%	13.9	
Montclair 3	1	4.3	2.0	8.6		100%	4.3	100%	4.3	100%	4.3	50%	2.2	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	25%	1.1	100%	4.3	
Montclair 4	1	5.8	0.8	4.4		90%	2.0	90%	2.0	90%	2.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	90%	2.0	
Brooks	1	9.0	0.6	5.4		0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	
CB20 (30 cfs capacity)							**3.4**		**3.4**		**3.4**		**0.8**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.8**		**3.4**		**3.4**	
8th	1	17.0	0.6	10.2		0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	
7th	1	5.6	0.6	3.4		100%	1.7	100%	1.7	100%	1.7	50%	0.8	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	50%	0.8	100%	1.7	100%	1.7	
Ely	2	32.0	0.3	9.6		35%	1.7	35%	1.7	35%	1.7	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	35%	1.7	35%	1.7	
Grove	2	10.0	0.2	2.0		0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	No MWD Connection
CB11 (40 cfs capacity)							**3.0**		**3.0**		**3.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**	need to exceed 10% capacity
Turner 1	2	7.2	0.5	3.6		0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	T1&2 WL w/RW >DC inlet
Turner 2	2	2.2	0.5	1.1		0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	T1&2 WL w/RW >DC inlet
Turner 5&8	2	3.0	0.2	0.6		0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	not until in O&M permit
Turner 3	2	2.8	0.5	1.4		100%	0.7	100%	0.7	100%	0.7	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	
Turner 4a	2	6.8	0.5	3.4		100%	1.7	100%	1.7	100%	1.7	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	
Turner 4b	2	1.0	0.5	0.5		100%	0.3	100%	0.3	100%	0.3	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	
Turner 4c	2	1.2	0.5	0.6		100%	0.3	100%	0.3	100%	0.3	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	
CB15 (30 cfs capacity)							**4.1**		**4.1**		**4.1**		**2.6**		**2.6**		**2.6**		**2.6**		**2.6**		**2.6**		**2.6**		**4.1**		**4.1**	
Lower Day 1	2	3.6	0.6	2.2		100%	1.1	100%	1.1	100%	1.1	100%	1.1	100%	1.1	100%	1.1	100%	1.1	100%	1.1	100%	1.1	100%	1.1	100%	1.1	100%	1.1	
Lower Day 2	2	4.9	0.6	2.9		100%	1.5	100%	1.5	100%	1.5	50%	0.7	50%	0.7	50%	0.7	50%	0.7	50%	0.7	50%	0.7	50%	0.7	100%	1.5	100%	1.5	
Lower Day 3	2	5.9	0.5	3.0		100%	1.5	100%	1.5	100%	1.5	50%	0.7	50%	0.7	50%	0.7	50%	0.7	50%	0.7	50%	0.7	50%	0.7	100%	1.5	100%	1.5	
CB14 (40 cfs capacity)							**9.0**		**9.0**		**9.0**		**3.8**		**3.8**		**1.9**		**1.9**		**1.9**		**1.9**		**3.8**		**9.0**		**9.0**	
Etiwanda DB	2	15.0	1.0	15.0		100%	7.6	100%	7.6	100%	7.6	50%	3.8	50%	3.8	25%	1.9	25%	1.9	25%	1.9	25%	1.9	50%	3.8	100%	7.6	100%	7.6	
Victoria	2	19.0	0.6	11.4		25%	1.4	25%	1.4	25%	1.4	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	25%	1.4	25%	1.4	
CB13 (30 cfs capacity)							**23.2**		**23.2**		**23.2**		**17.8**		**17.8**		**13.8**		**13.8**		**13.8**		**13.8**		**17.8**		**23.2**		**23.2**	
San Sevaine 1	2	9.7	2.0	19.4		100%	9.8	100%	9.8	100%	9.8	100%	9.8	100%	9.8	100%	9.8	100%	9.8	100%	9.8	100%	9.8	100%	9.8	100%	9.8	100%	9.8	
San Sevaine 2	2	8.0	2.0	16.0		100%	8.1	100%	8.1	100%	8.1	100%	8.1	100%	8.1	50%	4.0	50%	4.0	50%	4.0	50%	4.0	100%	8.1	100%	8.1	100%	8.1	
San Sevaine 3	2	5.3	2.0	10.6		100%	5.3	100%	5.3	100%	5.3	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	100%	5.3	100%	5.3	CB13 capacity wont reach
San Sevaine 4	2	0.3	0.0	0.0		0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	CB13 capacity wont reach
San Sevaine 5	2	32.3	0.1	3.2		0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	CB13 capacity wont reach
CB18 (30 cfs capacity)							**11.4**		**11.4**		**11.4**		**3.9**		**3.9**		**3.9**		**3.9**		**3.9**		**3.9**		**3.9**		**11.4**		**11.4**	
Hickory	2	10.0	0.6	6.0		50%	1.5	50%	1.5	50%	1.5	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	50%	1.5	50%	1.5	
Banana	3	7.0	0.6	4.2		50%	1.1	50%	1.1	50%	1.1	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	50%	1.1	50%	1.1	
Jurupa	3					0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	Diversion Capacity 13 cfs
RP3	3	23.5	1.3	30.6		50%	7.7	50%	7.7	50%	7.7	25%	3.9	25%	3.9	25%	3.9	25%	3.9	25%	3.9	25%	3.9	25%	3.9	50%	7.7	50%	7.7	use limited by Jurupa 12 cfs total
Declez	3	14.9	0.6	8.9		25%	1.1	25%	1.1	25%	1.1	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0	25%	1.1	25%	1.1	use limited by Jurupa

Recycled Water Turnout/Basin	Chino Basin Management Zone (MZ)	Area AC	Infiltration FT/D	Infiltration AF/D	All IW Turnouts	Jul '17 RW Share Capacity	Jul '17 Ops Days 31	Aug '17 RW Share Capacity	Aug '17 Ops Days 31	Sep '17 RW Share Capacity	Sep '17 Ops Days 30	Oct '17 RW Share Capacity	Oct '17 Ops Days 21	Nov '17 RW Share Capacity	Nov '17 Ops Days 14	Dec '17 RW Share Capacity	Dec '17 Ops Days 14	Jan '18 RW Share Capacity	Jan '18 Ops Days 14	Feb '18 RW Share Capacity	Feb '18 Ops Days 14	Mar '18 RW Share Capacity	Mar '18 Ops Days 14	Apr '18 RW Share Capacity	Apr '18 Ops Days 14	May '18 RW Share Capacity	May '18 Ops Days 21	Jun '18 RW Share Capacity	Jun '18 Ops Days 30	Notes
					Accum AF -->		2,213		4,425		6,567		7,716		8,339		8,963		9,587		10,211		10,834		11,571		13,194		15,512	
					AF/M -->		2,213		2,213		2,141		1,149		624		624		624		624		624		737		1,623		2,318	
					CFS-D -->		36		36		36		28		22		22		22		22		22		27		39		39	
						%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	%	CFS-D	
Brooks	1	9.0	0.6	5.4		*100%*	3	*100%*	2.7	*100%*	2.7	*50%*	1.4	*50%*	1.4	*50%*	1.4	*50%*	1.4	*50%*	1.4	*50%*	1.4	*50%*	1.4	*100%*	2.7	*100%*	2.7	Brooks
8th	1	22.6	0.6	13.6		100%	7	100%	6.8	100%	6.8	30%	2.1	30%	2.1	30%	2.1	30%	2.1	30%	2.1	30%	2.1	30%	2.1	100%	6.8	100%	6.8	8th
Ely	2	32.0	0.3	9.6		65%	3	65%	3.1	65%	3.1	30%	1.5	30%	1.5	30%	1.5	30%	1.5	30%	1.5	30%	1.5	30%	1.5	65%	3.1	65%	3.1	Ely
Turner 1&2	2	9.4	0.5	4.7		100%	2	100%	2.4	100%	2.4	75%	1.8	30%	0.7	30%	0.7	30%	0.7	30%	0.7	30%	0.7	65%	1.5	100%	2.4	100%	2.4	Turner 1&2
Turner 3&4	2	11.8	0.5	5.9		0%	0	0%	0.0	0%	0.0	75%	2.2	30%	0.9	30%	0.9	30%	0.9	30%	0.9	30%	0.9	65%	1.9	100%	3.0	100%	3.0	Turner 3&4
Victoria	2	19.0	0.6	11.4		75%	4	75%	4.3	75%	4.3	50%	2.9	25%	1.4	25%	1.4	25%	1.4	25%	1.4	25%	1.4	50%	2.9	75%	4.3	75%	4.3	Victoria
Hickory	2	10.0	0.6	6.0		75%	2	75%	2.3	75%	2.3	50%	1.5	25%	0.8	25%	0.8	25%	0.8	25%	0.8	25%	0.8	50%	1.5	75%	2.3	75%	2.3	Hickory
Banana	3	7.0	0.6	4.2		50%	1	50%	1.1	50%	1.1	50%	1.1	25%	0.5	25%	0.5	25%	0.5	25%	0.5	25%	0.5	25%	0.5	50%	1.1	50%	1.1	Banana
RP3	3	40.5	1.3	52.7		50%	13	50%	13.3	50%	13.3	50%	13.3	50%	13.3	50%	13.3	50%	13.3	50%	13.3	50%	13.3	50%	13.3	50%	13.3	50%	13.3	RP3

Capacity Used in Basins Used for Both IW and RW. Less than 100% is available for Stormwater

Brooks	100%	100%	100%	50%	50%	50%	50%	50%	50%	50%	100%	100%	Brooks
8th	100%	100%	100%	30%	30%	30%	30%	30%	30%	30%	100%	100%	8th
Ely	100%	100%	100%	30%	30%	30%	30%	30%	30%	30%	100%	100%	Ely
Turner 1&2	100%	100%	100%	75%	30%	30%	30%	30%	30%	65%	100%	100%	Turner 1&2
Turner 3&4	100%	100%	100%	75%	30%	30%	30%	30%	30%	65%	100%	100%	Turner 3&4
Victoria	100%	100%	100%	50%	25%	25%	25%	25%	25%	50%	100%	100%	Victoria
Banana Hickory	100%	100%	100%	50%	25%	25%	25%	25%	25%	25%	100%	100%	Banana Hickory
RP3	100%	100%	100%	75%	75%	75%	75%	75%	75%	75%	100%	100%	RP3

Recharge by Management Zone (Fiscal Year Plan)

	Imported %	Imported AFY
MZ1	51%	20,856
MZ2	40%	16,225
MZ3	9%	3,522
Total	100%	40,602

	Recycled %	Recycled AFY
MZ1	20%	3,156
MZ2	32%	4,924
MZ3	48%	7,432
Total	100%	15,512

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