

Submitted by staff on 10/16/12  
Item 5

Estimate of Carmel River diversion rights

Column	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Holder Name	Face Amount (AF/Y)	Face Amount (cfs)	Face Amount (mgd)	Proposed Amount (AF/Y)	Proposed Max. Diversion Rate (cfs) (see note 2)	Proposed Max. Diversion Rate (mgd) (see note 2)	Estimated demand 6/1 to 11/30 (AF/Y) (see note 7)	Estimated demand 6/1 to 11/30 (cfs)
Subtotal of Table 13 (ex-Cal-Am) (see note 1)	1,811.2	2.5	1.6	1,275.8	1.8	1.1	759.7	2.1
Cal-Am License 11866 (see note 3)	2,179.0	3.0	1.9	2,179.0	6.0	3.9		
Cal-Am pre-1914 (see note 4)	1,137.0	3.1	2.0	1,137.0	2.0	1.3	400.0	1.1
Cal-Am riparian (see note 5)	60.0	0.1	0.1	60.0	0.2	0.1		
Cal-Am Table 13 (see note 1)	2,964.0	4.1	2.6	2,964.0	4.1	2.6		
Sub-total Cal-Am production	6,340.0	10.3	6.7	6,340.0	12.3	8.0	400.0	1.1
Non-Cal-Am riparian (see note 6)	540.0	0.7	0.5	540.0	0.7	0.5	324.0	0.9
Sub-total of Senior Rights	8,691.2	12.8	8.3	8,155.8	14.1	9.1	1,483.7	4.1
ASR Ph 1 (Cal-Am/MPWMD)	2,426.0	6.7	4.3	2,426.0	6.7	4.3	0	0
ASR Ph 2 (Cal-Am/MPWMD)	2,900.0	8.0	5.2	2,900.0	8.0	5.2	0	0
ASR Ph 3 (see note 8)	2,900.0	8.0	5.2	2,900.0	8.0	5.2	0	0
Subtotal ASR rights	8,226.0	22.7	14.7	8,226.0	22.7	14.7	0.0	0.0
Total Rights	16,917.2	35.5	23.0	16,381.8	36.8	23.8	1,483.7	4.1

Notes

- Proposed Table 13 amounts (Col. D) are those established by SWRCB through August 2012. Table 13 amounts in Column D do not include several permit applications still in process with SWRCB that are included in Table 13 amounts shown in Column A.
- Proposed instantaneous rates include permitted rates and an estimate for future permits based on continuous diversion of the face amount.
- License 11866 (at Los Padres Dam) original amount reduced from 3,030 AFY to 2,179 AFY by Order 95-10. Face amount in cfs is presumed to be diverted continuously in the Nov. 1 - May 31 period.
- The face amount in cfs is reduced by 400 AFY for use in running the Begonia Iron Treatment Plant in the June 1-Nov. 30 period. The remainder (737 AF/Y) is presumed to be diverted at a continuous rate between Nov. 1 - May 31.
- Face amount in cfs is presumed to be diverted continuously between Nov. 1 - May 31.
- The mean of non-Cal-Am Carmel River Basin production for WY 1996-2011 is 2,350 AFY, which is presumed to be pumped under riparian rights. Table 13 face amount (ex Cal-Am) is 1,811 AFY, which includes riparian pumpers that applied for a Table 13 right. Therefore, as an estimate, about 540 AFY (2,350 - 1,811) of riparian diversions could still occur if all Table 13 applicants stopped diverting under a riparian right. The estimate of riparian use would likely increase for each pumper that declines a Table 13 permit and elects to continue pumping under a riparian right.
- For non-Cal-Am Table 13 and riparian pumpers, production during the June 1 to November 30 period is presumed to be 60% of the total estimated right.
- Phase 3 ASR would be part of a change petition that has not been submitted to SWRCB for additional water rights under Permit 20808B.