

Submitted by staff  
at 2/16/15 Board Meeting.  
Item 19

## ATTACHMENT 1

<b>TABLE 1</b>									
<b>PROJECTED REDUCTIONS IN ILLEGAL DIVERSIONS FROM THE CARMEL RIVER</b>									
(all amounts are in acre-feet)									
Water Year (Oct - Sept)	Base Amount <sup>1</sup>	<u>Mandatory</u> Cumulative Annual Reduction <sup>2</sup>	<u>Estimated</u> ASR Project Operational Yield <sup>3</sup>	<u>Estimated</u> Sand City Desalinization Plant <sup>4</sup>	<u>Estimated</u> Small Project Output <sup>5</sup>	<u>Estimated</u> Coastal Water Project Output <sup>6</sup>	Total to Base Amount	Total Estimated Amount Diverted from Carmel River	Estimated Amount Diverted w/o Valid Basis of Right
2009-10	10,978	549	145	75	0	0	769	10,209	6,833
2010-11	10,978	549	145	290	0	0	984	9,994	6,618
2011-12	10,978	670	145	280	0	0	1,095	9,883	6,507
2012-13	10,978	791	145	270	0	0	1,206	9,772	6,396
2013-14	10,978	912	145	260	0	0	1,317	9,661	6,285
2014-15	10,978	1,033	145	250	0	0	1,428	9,550	6,174
2015-16	10,978	1,275	145	240	0	0	1,660	9,318	5,942
2016-17	10,978	1,517	145	230	0	11,730	1,892	3,376	0

- 1) Cal-Am diverts 3,376 afa under legal rights and, on average, 7,602 afa without a valid basis of right (60 afa of the 3,376 afa is assumed diverted under riparian right to riparian vegetation along Carmel River).
- 2) Reduction in 2009-2010 and 2010-2011 is initial amount of 5% (549 ac-ft). Starting October 1, 2011, add 121 af each year until October 1, 2015, when the annual reduction becomes 242 afa.
- 3) Average amount diverted for Phase 1 ASR project from water year 1994-1995 to 2006-2007 (R.T. Phase 1, Vol. I pp. 41-42). Amount may increase when Phase 2 of the ASR project becomes operational.
- 4) Number may vary based on actual production from desalinization plant. Assumes 3 months of operation in 2009-10.
- 5) Production from small projects cannot be estimated at this time.
- 6) Estimated production of Coastal Water Project (R.T. Phase 2, Vol. V, p. 1333).