

**California American Water Main Distribution System**  
**Quarterly Water Supply Strategy and Budget: April - June 2015**  
**Proposed Production Targets by Source and Projected Use in Acre-Feet**

SOURCE/USE	MONTH			YEAR-TO-DATE		
	Apr-15	May-15	Jun-15	Oct-14 to Feb-15	% of YTD	% of Annual Budget
<b>Source</b>						
Carmel Valley Aquifer						
Upper Subunits	0	0	0	222		
Lower Subunits	918	1,094	1,112	2,643	81%	28%
ASR Diversion	100	100	0	215		
<b>Total</b>	<b>1,018</b>	<b>1,194</b>	<b>1,112</b>	<b>3,080</b>		
Seaside Groundwater Basin						
Coastal Subareas	100	125	150	785	78%	35%
Phase 1 ASR Recovery	0	0	0	0		
Sand City Desalination	25	25	25	86	69%	29%
<b>Total</b>	<b>125</b>	<b>150</b>	<b>175</b>	<b>871</b>		
<b>Use</b>						
Customer Service	1,043	1,244	1,287	3,736	85%	31%
Phase 1 ASR Injection	100	100	0	215		
<b>Total</b>	<b>1,143</b>	<b>1,344</b>	<b>1,287</b>			

## Notes:

- The budget reflects "Below Normal" inflow conditions and assumes that the monthly unimpaired inflows at the San Clemente Dam site during the April 2015 - June 2015 period will be approximately 3,886, 1,993 and 756 AF, respectively. The exceedence values are based on the 1902-2014 period of record.
- The annual budget period corresponds to the Water Year, which begins on October 1 and ends on September 30 of the following Calendar Year.
- Total monthly production for "Customer Service" in CAW's main system was calculated by multiplying total annual production (12,196 AF) times the average percentage of annual production for April, May, and June (7.6%, 9.3%, and 9.6%, respectively). According to District Rule 162, the annual production total was based on the assumption that production from the Coastal Subareas of the Seaside Groundwater Basin would not exceed 2,251 AF and production from Carmel River sources, without adjustments for water produced from water resources projects, would not exceed 9,945 AF in WY 2015. The average production percentages were based on monthly data for customer service from WY 2005 to 2014.
- Maximum daily production values for "Phase 1 and 2 ASR Storage" are based on an average diversion rate of approximately 3,000 gallons per minute (gpm) or 13.3 AF per day and 1,500 gpm or 6.6 AF per day, respectively, from CAW's sources in the Carmel River Basin. Maximum daily production for Phase 1 and 2 ASR sites is 19.9 AF per day. Total monthly production is estimated by multiplying the maximum daily production by operational days per month for "Below Normal" flow conditions at San Clemente Dam.
- The production targets for CAW's wells in the Upper Subunits of the Carmel Valley Aquifer are set at 0, based on CAW's goal to avoid use of these wells, year round. However, production could be higher to support ASR injection under existing State water rights and interagency operating agreements.
- The production targets for CAW's wells in the Seaside Coastal Subareas are based on the assumption that sufficient flow will occur in the Carmel River at the targeted levels, to support ASR injection. It is planned that Coastal Subarea pumping will not occur, or will be proportionally reduced, if ASR injection does not occur at targeted levels.
- The production targets for CAW's wells in the Seaside Coastal Subareas are based on the need for CAW to produce its full Standard Allocation during WY 2015 to be in compliance with SWRCB WRO No. 95-10.
- It should be noted that monthly totals for Carmel Valley Aquifer sources may be different than those shown in MPWMD Rule 162, Table XV-3. These differences result from monthly target adjustments needed to be consistent with SWRCB WRO 98-04, which describes how Cal-Am Seaside Wellfield is to be used to offset production in Carmel Valley during low-flow periods. Adjustments are also made to the Quarterly Budgets to ensure that compliance is achieved on an annual basis with MPWMD Rule 162 totals.