## **EXHIBIT 17-A**

## California American Water Main Distribution System Quarterly Water Supply Strategy and Budget: October - December 2014

Proposed Production Targets by Source and Projected Use in Acre-Feet

SOURCE/USE	MONTH			YEAR-TO-DATE		
	Oct-14	Nov-14	Dec-14	Oct-13 - Aug-14	% of YTD	% of Annual Budget
<u>Source</u>						
Carmel Valley Aquifer						
Upper Subunits	0	0	35	83	NA	NA
Lower Subunits (95-10)	667	593	649	7,006	84.9%	71.7%
Lower Subunits (ASR)	0	0	145	0	0.0%	0.0%
Total	667	593	829			
Seaside Groundwater Basin						
Coastal Subareas	400	300	100	2,605	104.2%	97.6%
ASR Recovery	0	0	0	0	NA	NA
Sand City Desalination	25	25	25	173	62.9%	57.7%
Total	425	325	125			
Use						
Customer Service	1,092	918	809			
Phase 1 ASR Injection	0	0	145			
Total _	1,092	918	954			
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## Notes:

- 1. The budget reflects "Critically Dry" inflow conditions and assumes that the monthly unimpaired inflows at the San Clemente Dam site during the October-December 2014 period will equal 41, 227, and 596 AF, respectively. WY 2014 was the third consecutive dry or critically dry water year.
- 2. The annual budget period corresponds to the Water Year, which begins on October 1 and ends on September 30 of the following Calendar Year.
- 3. 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 October, November, and December (9.0%, 7.5%, and 6.6%, respectively). 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 would not exceed 9,945 AF in WY 2015. The average production percentages were based on monthly data for customer service from WY 2006 to 2013.
- 4. Anticipated production for ASR injection is based on an average diversion rate of approximately 4,500 gallons per minute (gpm) or 19.9 AF per day from CAW's sources in the Carmel River Basin. "Total" monthly CAW "Use" includes water for customer service and water for injection into the Seaside Basin. This value is assumed in the event the WY becomes normal or wet through Dec 2014.
- 5. The production targets for CAW's wells in the Upper Subunits of the Carmel Valley Aquifer are set at 0 except as shown, based on CAW's goal to avoid use of these wells, during low flow periods. However, production could be higher under existing State water rights and interagency operating agreements.
- 6. The production target for CAW's wells in the Seaside Coastal Subareas in December is 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.
- 7. The production targets for CAW's wells in the Seaside Coastal Subareas are based on the need for CAW to produce its full native water allocation during WY 2015 to be in compliance with SWRCB WRO No. 95-10.
- 8. 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 the 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.