

EXHIBIT 12-A

**California American Water Main Distribution System
Quarterly Water Supply Strategy and Budget: October - December 2019**

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

SOURCE/USE	MONTH			YEAR-TO-DATE		
	Oct-19	Nov-19	Dec-19	Oct-18 - Aug-19	% of YTD	% of Annual Budget
<u>Source</u>						
<u>Carmel Valley Aquifer</u>						
Upper Subunits (95-10)	0	0	0	183	NA	NA
Lower Subunits (95-10)	550	380	576	7,392	96.0%	95.9%
Lower Subunits (ASR)	0	0	145	532	NA	NA
Upper and Lower (Table 13)	0	0	24	153		
Total	550	380	745			
Total to count against CDO	550	380	745			
<u>Seaside Groundwater Basin</u>						
Coastal Subareas	350	350	100	1,820	122.7%	100.0%
ASR Recovery	0	0	0	367	91.6%	79.2%
Sand City Desalination	25	25	25	144	52.2%	47.9%
Total	375	375	125			
<u>Use</u>						
Customer Service (95-10 & SG)	925	755	701			
ASR Injection	0	0	145			
Customer Service (Table 13)	0	0	24			
Total	925	755	870			

Notes:

1. The annual budget period corresponds to the Water Year, which begins on October 1 and ends on September 30 of the following Calendar Year.
2. Total monthly production for "Customer Service" in CAW's main system was calculated by multiplying total annual production (10,130 AF) times the average percentage of annual production for October, November, and December 9.1%, 7.5%, and 6.7% , respectively). According to District Rule 160, the annual production total was based on the assumption that production from the Coastal Subareas of the Seaside Groundwater Basin would not exceed 1,820 AF and production from Carmel River sources would not exceed 8,310 AF in WY 2019. The average production percentages were based on monthly data for customer service from WY 2013 to 2018.
3. 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.
4. The production targets for CAW's wells in the Upper Subunits of the Carmel Valley Aquifer are set at 0 assuming low flow periods.
5. 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.
6. 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 2018 to be in compliance with SWRCB WRO No 2016-0016.
7. It should be noted that monthly totals for Carmel Valley Aquifer sources may be different than those shown in MPWMD Rule 160, 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 160 totals.
8. Table 13 values reflect source/use estimates based on SWRCB Permit 21330, which allows diversions from the CVA for "in Basin use" (3.25 AFD) when flows in the River exceed threshold values.
9. According to SWRCB WRO No 2016-0016, the first 600 AF diverted from the CVAA will count as diversions against the CDO limit.