

## EXHIBIT 8-A

**California American Water Main Distribution System**  
**Quarterly Water Supply Strategy and Budget: October - December 2021**  
**Proposed Production Targets by Source and Projected Use in Acre-Feet**

SOURCE/USE	MONTH			YEAR-TO-DATE		
	Oct-21	Nov-21	Dec-21	Oct-20 - Aug-21	% of YTD	% of Annual Budget
<b><u>Source</u></b>						
<b><u>Carmel Valley Aquifer</u></b>						
Upper Subunits (95-10)	0	0	100	183	NA	NA
Lower Subunits (95-10)	500	500	400	4,250	55.2%	55.1%
Diversions for Injection (ASR)	0	0	145	66	NA	NA
Upper and Lower (Table 13)	0	0	24	17		
<b>Total</b>	<b>500</b>	<b>500</b>	<b>669</b>			
<b><u>Seaside Groundwater Basin</u></b>						
Coastal Subareas	0	0	0	1,372	92.5%	75.4%
ASR Recovery	0	0	0	0	0.0%	79.2%
Sand City Desalination	25	25	25	129	46.9%	43.0%
Pure Water Monterey	407	310	117	2,722	NA	NA
<b>Total</b>	<b>432</b>	<b>335</b>	<b>142</b>			
<b><u>Total for All Sources</u></b>	<b>932</b>	<b>835</b>	<b>811</b>			
<b><u>Use</u></b>						
Customer Service (95-10 & SGB)	932	835	642			
ASR Injection	0	0	145			
Customer Service (Table 13)	0	0	24			
<b>Total</b>	<b>932</b>	<b>835</b>	<b>811</b>			

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 (9,700 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 1,474 AF and production from Carmel River sources would not exceed 4,110 AF in WY 2022. 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 for the first two months of this budget 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 2021 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.

