

EXHIBIT 13-A

**California American Water Main Distribution System
Quarterly Water Supply Strategy and Budget: April - June 2019
Proposed Production Targets by Source and Projected Use in Acre-Feet**

SOURCE/USE	MONTH			YEAR-TO-DATE		
	Apr-19	May-19	Jun-19	Oct-18 to Feb-19	% of YTD	% of Annual Budget
Source						
Carmel Valley Aquifer						
Upper Subunits	0	0	0	232		
Lower Subunits	863	967	973	1,943	77%	23%
ASR Diversion	300	150	0	576		
Table 13 Diversion (Service)	41	16	0	172		
Total	1,204	1,133	973	2,923		
Total to count against CDO	904	983	973			
Seaside Groundwater Basin						
Coastal Subareas	100	100	100	1,061	106%	58%
ASR Recovery	0	0	0	0		
Sand City Desalination	25	25	25	73	58%	24%
Total	125	125	125	1,134		
Use						
Customer Service	988	1,092	1,098	3,308	86%	33%
Table 13 In Basin use	41	16	0			
ASR Injection	300	150	0	576		
Total	1,329	1,258	1,098			

Notes:

- 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 (10,130 AF) times the average percentage of annual production for April, May, and June (8.2%, 9.0%, and 8.9%, 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, without adjustments for water produced from water resources projects, 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 2015.
- Maximum daily diversion values for ASR are based on an average diversion rate of approximately 18.5 AF per day from CAW's sources in the Carmel River Basin. Total monthly production is estimated by multiplying the maximum daily production by operational days per month for "Above Average" flow conditions at the Sleepy Hollow Weir.
- 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 to be in compliance with SWRCB WRO No. 2016-0016.
- 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 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.
- 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. In accordance with Water Rights Permits 21330 and CDO2009-0060, water produced and consumed under this right is subtracted from the CVA annual base amount. Actual values will be dependant on the number of days flows exceed minimum daily instream flow requirements.