



Public Hearing Item 31:

**Consider Adoption of July – Sept 2018
Quarterly Water Supply Strategy and
Budget for California American Water**

June 18, 2018, Regular Meeting
Staff Contacts: Jonathan Lear



CALIFORNIA AMERICAN WATER

QUARTERLY WATER SUPPLY BUDGET:

July – Sept 2018

Quarterly Water Budgets are developed in accordance with:

- SWRCB Orders 95-10, 98-04, 2002-02, and 2016-0016, Seaside Groundwater Basin Adjudication Decision, and District Rule 160 targets.
- ASR Diversion Permits – 530 AF diverted to storage in WY 2018. Low Flow period begins when river flow at Don Juan Bridge Gage is less than 20 cfs for 5 days.
- Table 13 Diversion Permit when Carmel River flows are sufficient (153 AF diverted to meet winter customer demand in WY 2018).

CALIFORNIA AMERICAN WATER QUARTERLY WATER SUPPLY BUDGET: July – Sept 2018

- Assumes full utilization of all Seaside Basin Costal Sub-Areas native groundwater during Water Year 2018.
- Assumes ASR recovery of 1,320 AF in the last quarter of WY 2018.
- Developed on June 7, 2018 by Quarterly Water Budget Group. MPWMD, Cal-Am, the California Department of Fish and Wildlife, the United States Fish and Wildlife Service the National Marine Fisheries Service, and the State Water Resources - Division of Water Rights.

WY 2018 Budget to Date

Production vs. CDO and Adjudication to Date: Sept 2017 to May 2018

Year-to-Date Values	MPWRS				
	Carmel River Basin ^{2, 6}	Seaside Groundwater Basin		MPWRS Total	
		Coastal	Laguna Seca	Ajudication Compliance	
Target	5,056	1,100	0	1,100	6,156
Actual ⁴	4,542	1,800	189	1,989	6,531
Difference	514	-700	-189	-889	-375
WY 2017 Actual	4,272	1,484	168	1,652	5,924

1. This table is current through the date of this report.
2. For CDO compliance, ASR, Mal Paso, and Table 13 diversions are included in River production per State Board.
3. Sand City Desal, Table 13, and ASR recovery are also tracked as water resources projects.
4. To date, 530 AF and 153 AF have been produced from the River for ASR and Table 13 respectively.
5. All values are rounded to the nearest Acre-Foot.
6. For CDO Tracking Purposes, ASR production for injection is capped at 600 AFY.
7. Table 13 diversions are reported under water rights but counted as production from the River for CDO tracking.

CALAM QUARTERLY WATER SUPPLY BUDGET: MAIN SYSTEM PRODUCTION TARGETS

July – Sept 2018 Proposed Production Targets for the Main System in Acre Feet

SOURCE/USE	MONTH		
	Jul-18	Aug-18	Sep-18
<u>Source</u>			
Carmel Valley Aquifer			
Upper Subunits	0	0	0
Lower Subunits (95-10)	819	822	747
ASR Diversion	0	0	0
Table 13 Diversion (Service)	0	0	0
Total:	819	822	747
Seaside Groundwater Basin			
Coastal Subareas	40	40	40
ASR Recovery	440	440	440
Sand City Desalination	25	25	25
Total:	1,324	1,327	1,252
<u>Use</u>			
Customer Service	1,324	1,327	1,252
Table 13 in Basin Use	0	0	0
Total Customer Use:	1,324	1,327	1,252
ASR Injection	0	0	0
Total	1,324	1,327	1,252

CALAM QUARTERLY WATER SUPPLY BUDGET: LAGUNA SECA SUBAREA SYSTEMS PRODUCTION TARGETS

July – Sept 2018 Proposed Production Targets for the Satellite Systems in Acre Feet

- Allocation for the Hidden Hills, Ryan Ranch, and Bishop systems was reduced to 0 AFY in WY 2018 as required by the Adjudication Decision. General Rate Case for 2018, 2019, and 2020 set to be approved last quarter of this year has plans to intertie the Laguna Seca Systems to the Main System.
- Water use in the Laguna Seca Sub-Area for WY 2017 was 300 AF.

SOURCE/USE	MONTH		
	Jul -18	Aug -18	Sep -18
<u>Source</u>			
Laguna Seca Subarea	0	0	0
Other	0	0	0
<u>Use</u>			
Customer Service	0	0	0
Total	0	0	0

CALIFORNIA AMERICAN WATER QUARTERLY WATER SUPPLY BUDGET: July – Sept 2018

Recommendation

- Adopt proposed water supply strategy and budget for Cal-Am's Main and Laguna Seca water distribution systems for the fourth quarter of Water Year 2018, the July– Sept 2018 period.