



Public Hearing Item 17:

**Consider Adoption of January – March
2018 Quarterly Water Supply Strategy and
Budget for California American Water**

January 24, 2018, Regular Meeting

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CALIFORNIA AMERICAN WATER

QUARTERLY WATER SUPPLY BUDGET:

January – March 2018

- Consistent with SWRCB Orders 95-10, 98-04, 2002-02, and 2016-0016, Seaside Groundwater Basin adjudication decision, and District Rule 160 targets.
- Assumes Water Projects 1 & 2 (ASR) permits will allow additional diversions to storage this Quarter (diversions have not yet occurred to date in Water Year 2018).
- Includes annual reductions for 2016 in Carmel River System diversions per Order WR 2016-0016, and the triennial reductions in 2017 from the Seaside Basin per the adjudication.

CALIFORNIA AMERICAN WATER QUARTERLY WATER SUPPLY BUDGET: January – March 2018

- Assumes full utilization of all legally available native Seaside Basin groundwater during Water Year 2018.
- Assumes the allocation of 858 AF of ASR storage achieved in WY 2017 will be decided during the next two Quarterly Water Budget meetings of WY 2018.
- Developed cooperatively by MPWMD, Cal-Am, and the California Department of Fish and Wildlife (CDFW) on December 12, 2017. The National Marine Fisheries Service (NMFS), and the State Water Resources, Division of Water Rights (SWRCB-DWR) participated, but the United States Fish & Wildlife Service (USFWS) was unable to attend.

CAL-AM QUARTERLY WATER SUPPLY BUDGET: MAIN SYSTEM PRODUCTION TARGETS

January – March 2018 Proposed Production Targets for the Main System in Acre Feet

<u>SOURCE/USE</u>	<u>MONTH</u>		
	Jan-18	Feb-18	Mar-18
<u>Source</u>			
Carmel Valley Aquifer			
Upper Subunits	0	0	0
Lower Subunits (95-10)	673	559	716
ASR Diversion	230	320	345
Table 13 Diversion	38	52	56
Total	941	931	1,117
Seaside Groundwater Basin			
Coastal Subareas	100	100	100
ASR Recovery	0	0	0
Sand City Desalination	25	25	25
Total	125	125	125
<u>Use</u>			
Customer Service	798	684	841
Phase 1 ASR Injection	230	320	345
Table 13 In Basin use	38	52	56
Total	1,066	1,056	1,242

CAL-AM QUARTERLY WATER SUPPLY BUDGET: LAGUNA SECA SUBAREA SYSTEMS PRODUCTION TARGETS

January – March 2018 Proposed Production Targets for the Satellite Systems in Acre Feet

<u>SOURCE/USE</u>	<u>MONTH</u>		
	Jan-18	Feb-18	Mar-18
<u>Source</u>			
Seaside Groundwater Basin			
Laguna Seca Subarea	0	0	0
Other	0	0	0
<u>Use</u>			
Customer Service	0	0	0


CALIFORNIA AMERICAN WATER QUARTERLY WATER SUPPLY BUDGET: January – March 2018

Recommendation

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



UPDATED 2017 LOW FLOW SEASON TARGETS

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- Minimum flow target below LPD was initially set at 14.0 -15.0 CFS to be held there until the winter rains resumed.
 - After rainfall forecasts began to degrade and we had accrued less storage to date than planned, flow targets were decreased to 11 CFS in December, 2016 and 10 CFS in early January 2018.
 - LPD was 0.81 feet of elevation (146.2 acre feet of storage) below the spillway on January 23, 2018.
 - The Low Flow Season formally ended on January 9th when flows at the MPWMD Don Juan Bridge Gage in Garland Park consistently exceeded 20 CFS.