



Public Hearing Item 28:

**Consider Adoption of July – Sept. 2019
Quarterly Water Supply Strategy and
Budget for California American Water**

June 17, 2019, Regular Meeting
Staff Contacts: Jonathan Lear



CALIFORNIA AMERICAN WATER

QUARTERLY WATER SUPPLY BUDGET:

July – Sept. 2019

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 Recovery Plan – ASR injection began on Jan 7 and ended May 31 totaling 1,336 Acre Feet. Water Rights used were 20808A and 20808C. A remainder of 470 Acre Feet from WY 2018 adding to a total of 1,806 Acre Feet of ASR in storage.
- Table 13 Diversion Permit 471 Acre Feet of water were diverted under Water Right 21330 and used by customers in Carmel Valley.

CALIFORNIA AMERICAN WATER QUARTERLY WATER SUPPLY BUDGET: July – Sept. 2019

- Assumes full utilization of all Seaside Basin Costal Sub-Areas native groundwater during Water Year 2019.
- Assumes ASR recovery of 1,240 Acre Feet in the last quarter of the water year.
- Assumes additional ASR recovery will begin in June if flow drops below 20 cubic feet per second for 5 consecutive days at Don Juan Bridge.
- Developed on June 6, 2019 by Quarterly Water Budget Group. MPWMD, CalAm, the California Department of Fish and Wildlife, and the United States Fish and Wildlife Service the National Marine Fisheries Service.

CALAM QUARTERLY WATER SUPPLY BUDGET: MAIN SYSTEM PRODUCTION TARGETS

Jul – Sep 2019 Proposed Production Targets for the Main System in Acre Feet

| SOURCE/USE | | MONTH | | |
|------------------------------|--|--------------|--------------|--------------|
| | | Jul-19 | Aug-19 | Sep-19 |
| <u>Source</u> | | | | |
| | WY 2018 Carmel Valley Production: | 567 | 518 | 475 |
| Carmel Valley Aquifer | | | | |
| Upper Subunits | | 0 | 0 | 0 |
| Lower Subunits (95-10) | | 941 | 944 | 835 |
| ASR Diversion | | 0 | 0 | 0 |
| Table 13 Diversion (Service) | | 0 | 0 | 0 |
| | Total | 941 | 944 | 835 |
| Seaside Groundwater Basin | | | | |
| Coastal Subareas | | 100 | 100 | 94 |
| ASR Recovery | | 400 | 400 | 440 |
| Sand City Desalination | | 25 | 25 | 25 |
| | Total | 1,466 | 1,469 | 1,394 |
| <u>Use</u> | | | | |
| Customer Service | | 1,466 | 1,469 | 1,394 |
| Table 13 in Basin Use | | 0 | 0 | 0 |
| | Total Customer Use | 1,466 | 1,469 | 1,394 |
| ASR Injection | | 0 | 0 | 0 |
| | Total | 1,466 | 1,469 | 1,394 |

Seaside Groundwater Basin Adjudication Allocations

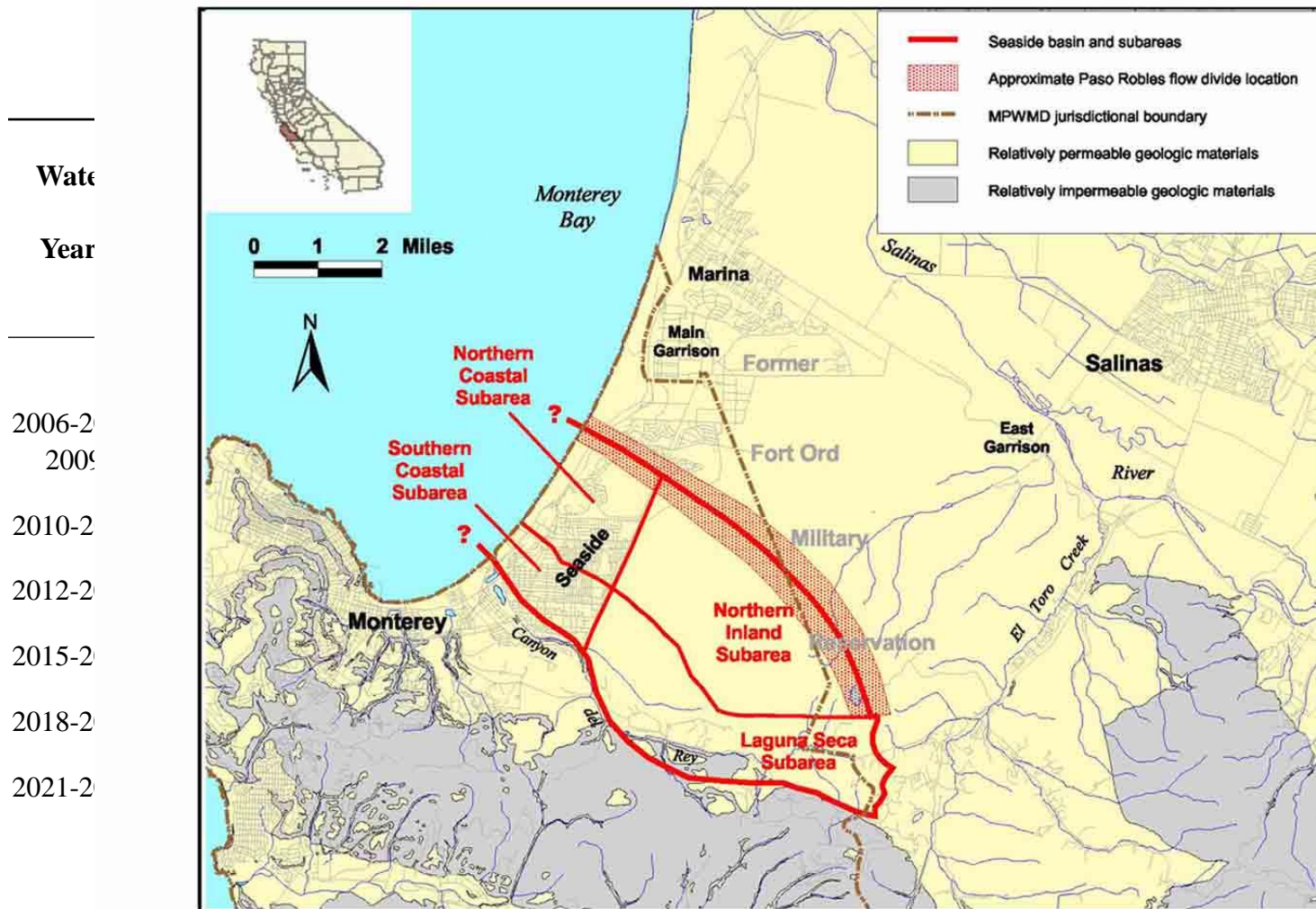


Figure 1. Location of the Seaside Groundwater Basin

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

Jul – Sep 2019 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 2019 is forecast to be 300 AF. It should be noted that CAW will supply water to the customers of these systems. Accordingly, actual production beyond these production targets will be subject to replenishment assessment by the Seaside Basin Watermaster.

| SOURCE/USE | MONTH | | |
|---------------------------|----------|----------|----------|
| | Jul-19 | Aug-19 | Sep-19 |
| <u>Source</u> | | | |
| Seaside Groundwater Basin | | | |
| 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. 2019

Recommendation

- Adopt proposed water supply strategy and budget for CalAm's Main and Laguna Seca water distribution systems for the fourth quarter of Water Year 2019, the July – Sept. 2019 period.