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# Monterey Peninsula Water Supply Project Update

California American Water

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CALIFORNIA  
AMERICAN WATER

WE KEEP LIFE FLOWING™

# California American Water - Monterey

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California American Water's Central Division, based in Pacific Grove, is proud to provide reliable water service to our over 40,000 connections serving roughly 100,000 customers.

**680**

**Miles of infrastructure - enough pipe to reach Arizona**

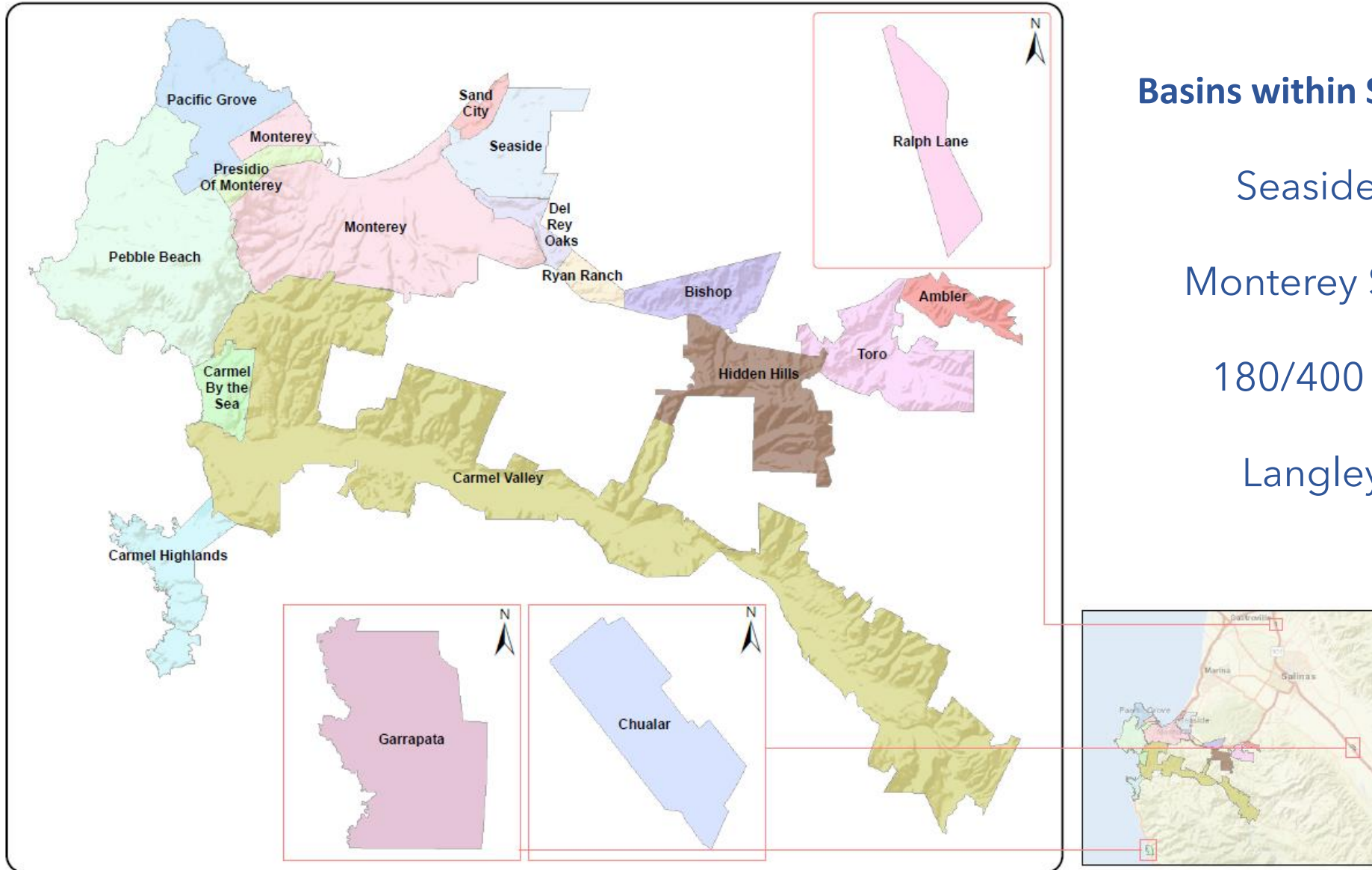
**100**

**Water Storage Tanks**

**95+**

**Local employees who are members of our communities**

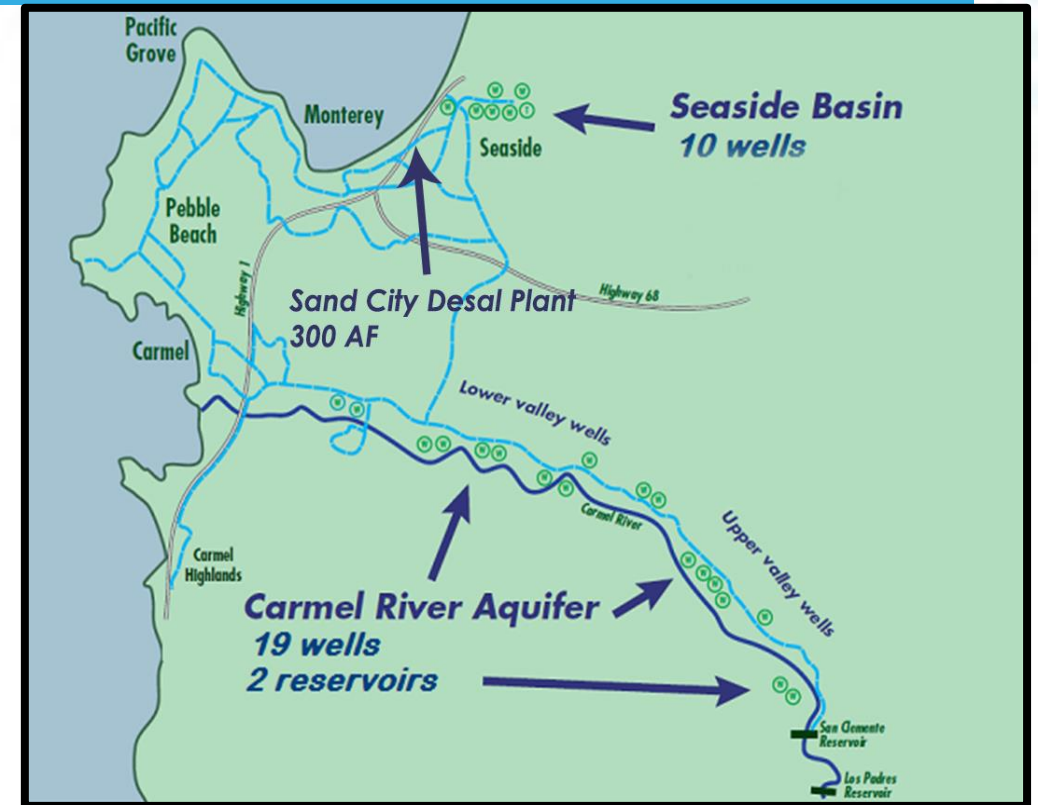
# Central Division – Water Systems





# Water Supply Constraints

- **Carmel River** – State ordered withdrawals reduced by more than 50%
- **Seaside Basin** – Court-ordered withdrawal reduction by more than 50%
- **Drought** – Our region is facing increased periods of drought



*The required cutbacks to existing supplies cannot be met without replacement water sources*

# Today's Supplies at a Critical Juncture

**CURRENT SUPPLIES ~  
8,500 AF**  
Assumes WY22/23 drought and includes  
PWM, Carmel, Seaside Basin, Sand City

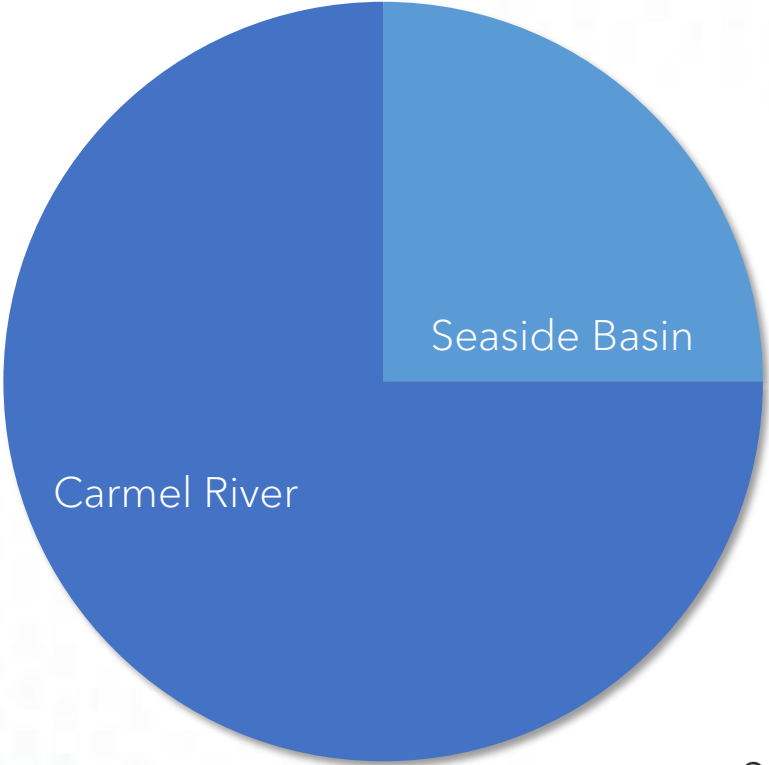
**ASR**

**CURRENT DEMAND ~  
9,500 AFY**  
Dependent on limited ASR bank

Need sufficient long-term supplies to address critical needs such as:

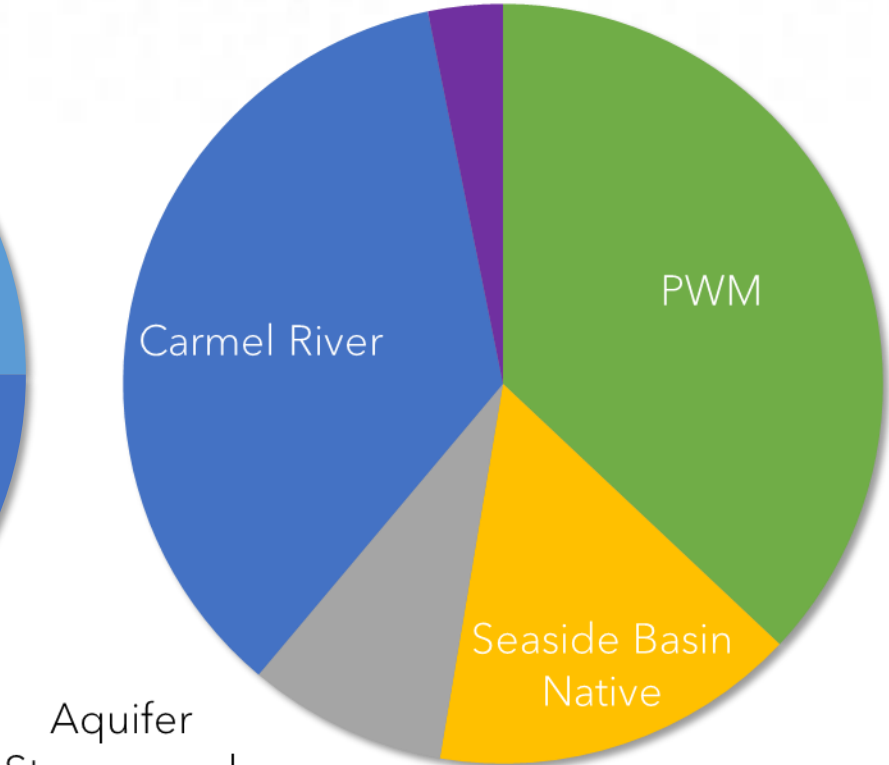
- Future Demand
- Climate Change & Drought
- Operation Supply Buffer
- Seaside Basin Protection

# Sources: Past, Present & Future



HISTORIC SOURCES

Sand City Desal



CURRENT SOURCES



FUTURE SOURCES



**Recent Water Supply Projects**

- Rain Collection
- Desalination
- Reuse

Carmel River

Sand City Desal

Pure Water Monterey

Seaside Basin

Aquifer Storage Recovery





# Monterey Peninsula Water Supply Project – Path Forward

## Climate Resilience

- Droughtproof ability to preserve Carmel River habitat

## Environmental Considerations

- Carbon free energy
- Slant wells
- Existing outfall

## Affordability

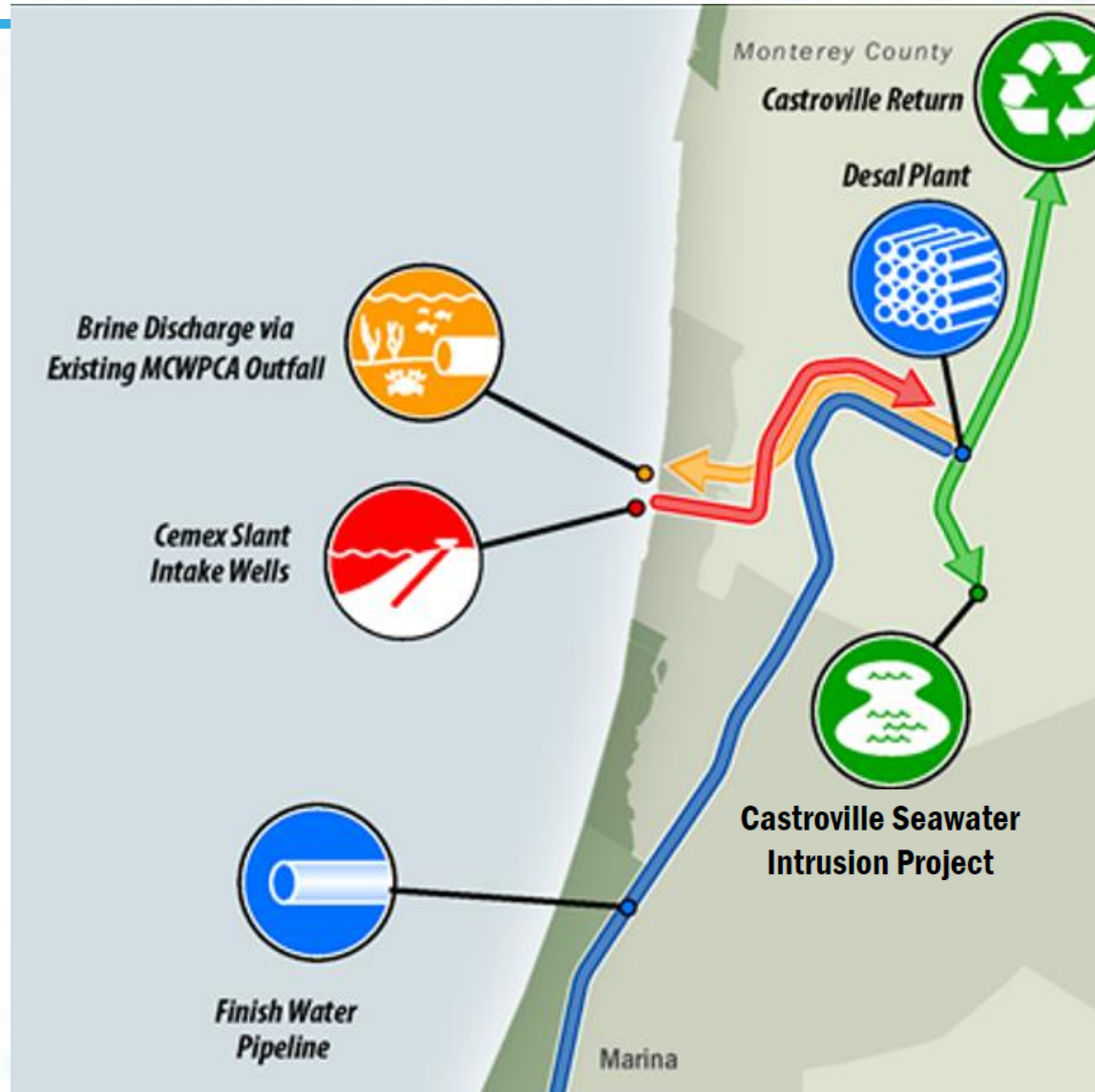
- Affordable housing
- Customer Assistance, Crisis Assistance, LIHWAP and CWWAPP

## Regional Approach

- Return water to Castroville

## Status and Timeline

- California Coastal Commission approval
- Expected to be in service by the end of 2027



## FUTURE SOURCES



ASR Desal ePWM



# Water Supply Project - Path Forward

## CCC Special Conditions

- NPDES Permit for Brine Discharge
- Outfall Improvements
- Dune Habitat Open Space Protection

## Design & Procurement

- Update Desal Design
- Pipeline components bid in 2025
- Value Engineering, Pipelines/Plant

## Pursuing Cost Savings

- Grants (State & Federal)
- Low interest loans (SRF)
- Customer Affordability Programs



# Water Supply Project - Schedule

2024

2025

2026

2027

2028

## DESAL

Coastal CDP Prior to Issuance Conditions

Desal Construction Contract  
Negotiation & Procurement

Desal Construction  
24 months

## PWM Expansion

Construction and Start-up

## FUTURE SOURCES



ASR Desal ePWM





**Thank You**