



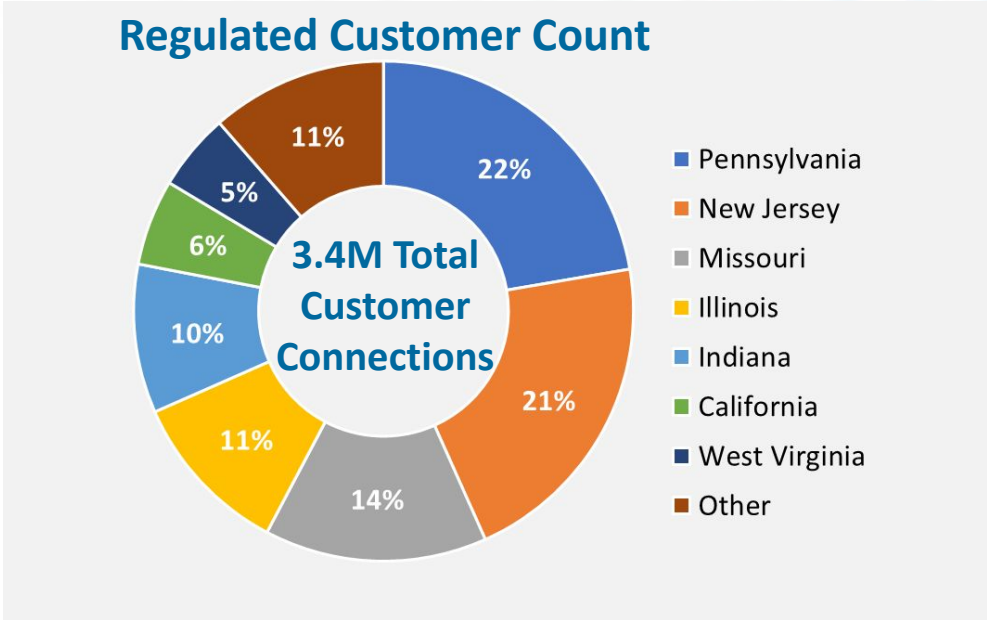
AMERICAN WATER

Western City Water Supply: Status & Plans

Evan Jacobs, Director Communications and External
Affairs, California American Water

USCM Mayors' Water Council
October 13, 2022

American Water - Our Business at a Glance



Regulated Operations

- 52,500 miles of pipe
- 560 water treatment plants
- 160 wastewater treatment plants
- 1,100 wells and 76 dams



Military Services Group

- Regulated-like
- Serves 18 military installations
 - 12 Army
 - 5 Air Force
 - 1 Navy

California American Water - Our State at a Glance

FACTS AT GLANCE*:

COMMUNITIES AND CUSTOMERS SERVED:

Approximately 725,000 people in more than 50 communities in service areas throughout northern, southern and central parts of California (2021)

EMPLOYEES: 325 (2022)

AMOUNT INVESTED ANNUALLY: Estimated \$71 million

WATER STORAGE FACILITIES: 106

DISTRIBUTION STORAGE CAPACITY: 94 MGD

FIRE HYDRANTS: 15,787

ACTIVE SERVICE CONNECTIONS: 186,165

FEET OF PIPELINE: 11,890,471

AVERAGE ANNUAL WATER SALES: \$269 million (2021)

WATER QUALITY: Across California, we conducted approximately 650 different tests on more than 25,000 water samples for nearly 3,000 constituents last year. (2021)



Colorado River Basin - Before and After Drought Impacts

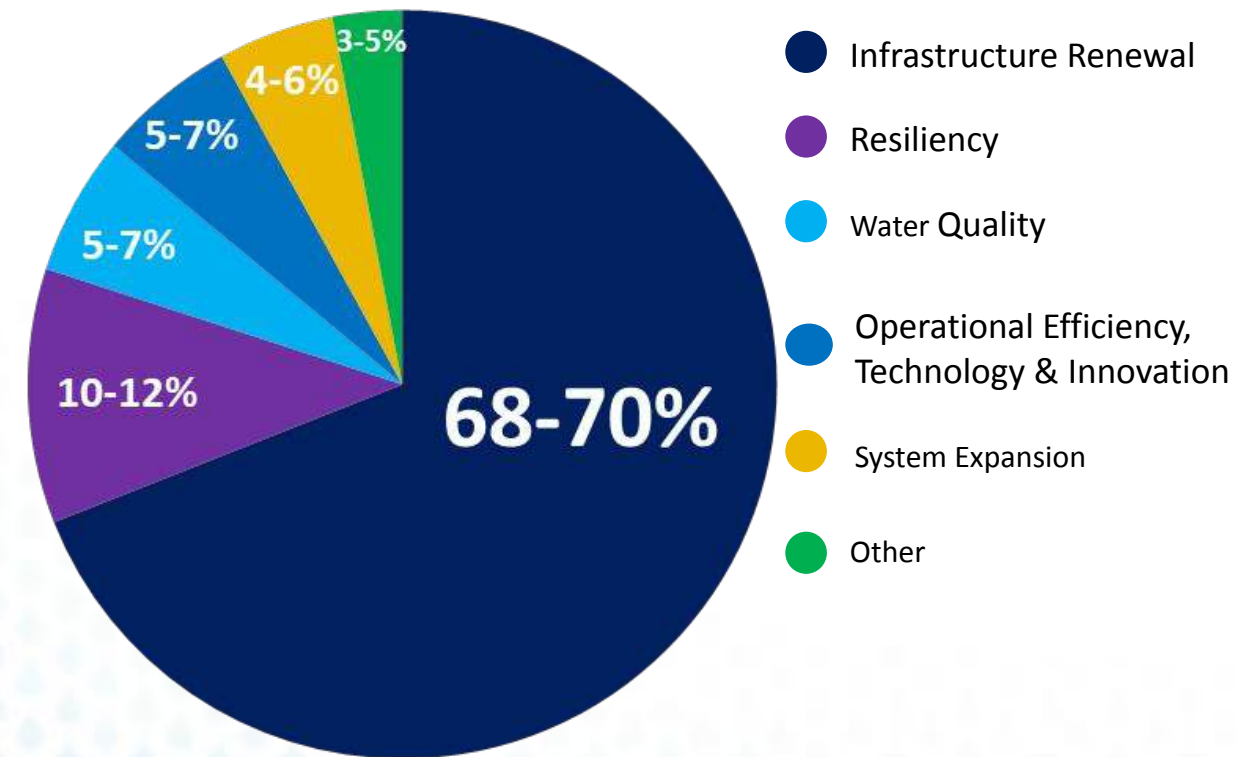


Lake Shasta, California – Before and After Drought Impacts

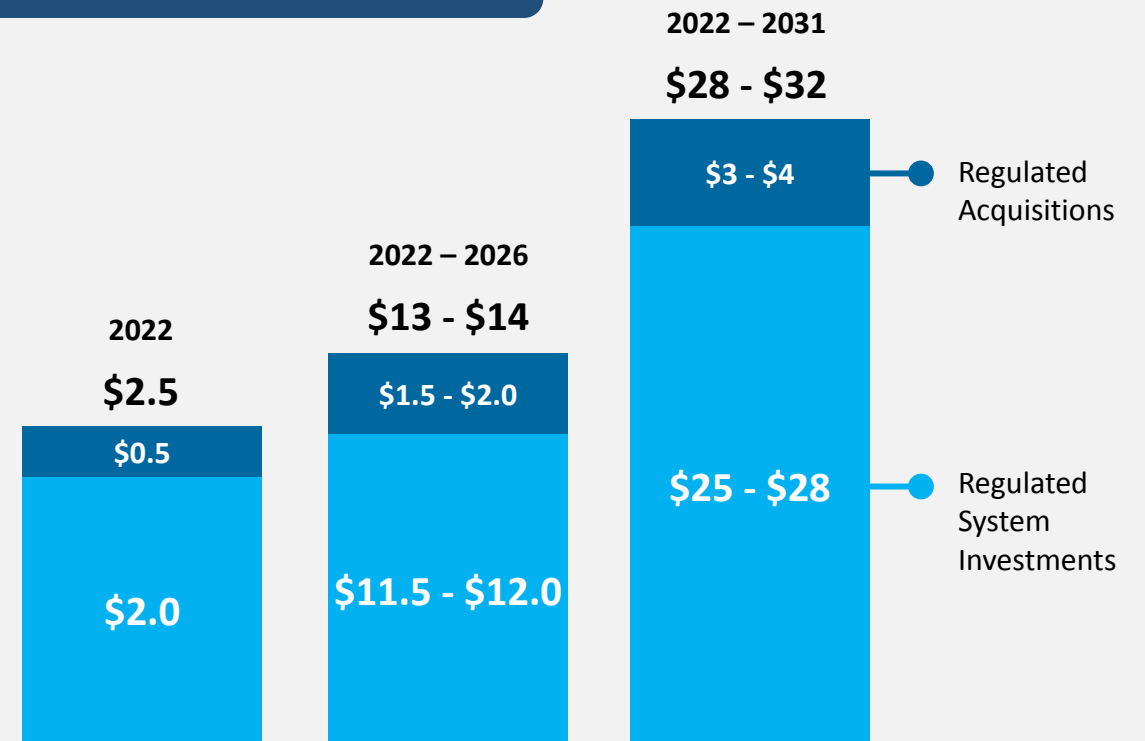


Proactively Addressing These Challenges - Capital Investment

2022-2031 Average Regulated Capital Expenditures by Purpose



Capital Plan (\$ in billions)



US Infrastructure Investment Gap - Water and Wastewater



American Society of Civil Engineers
Grades U.S. Infrastructure

Wastewater
Report Card

2021
Grade **D**

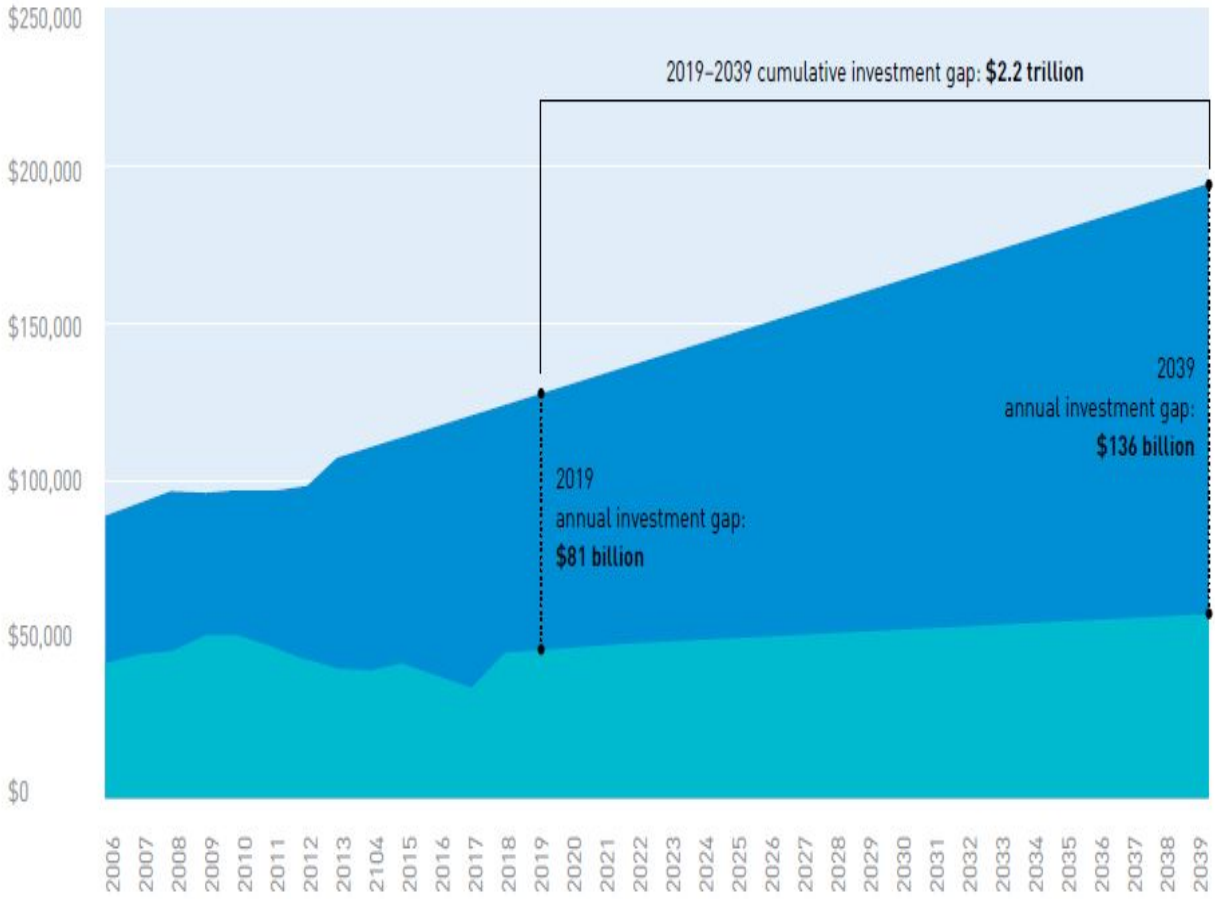


Drinking Water
Report Card

2021
Grade **C-**

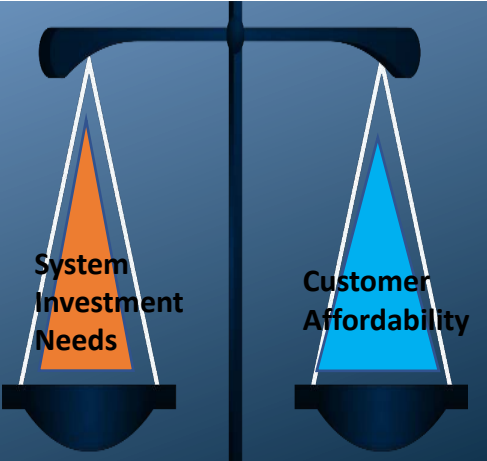
Not American Water pipes

Water infrastructure capital need Water infrastructure capital spending



\$3,400 each year

Cost for each family from
lack of infrastructure
investment from 2016 to
2025



Balancing

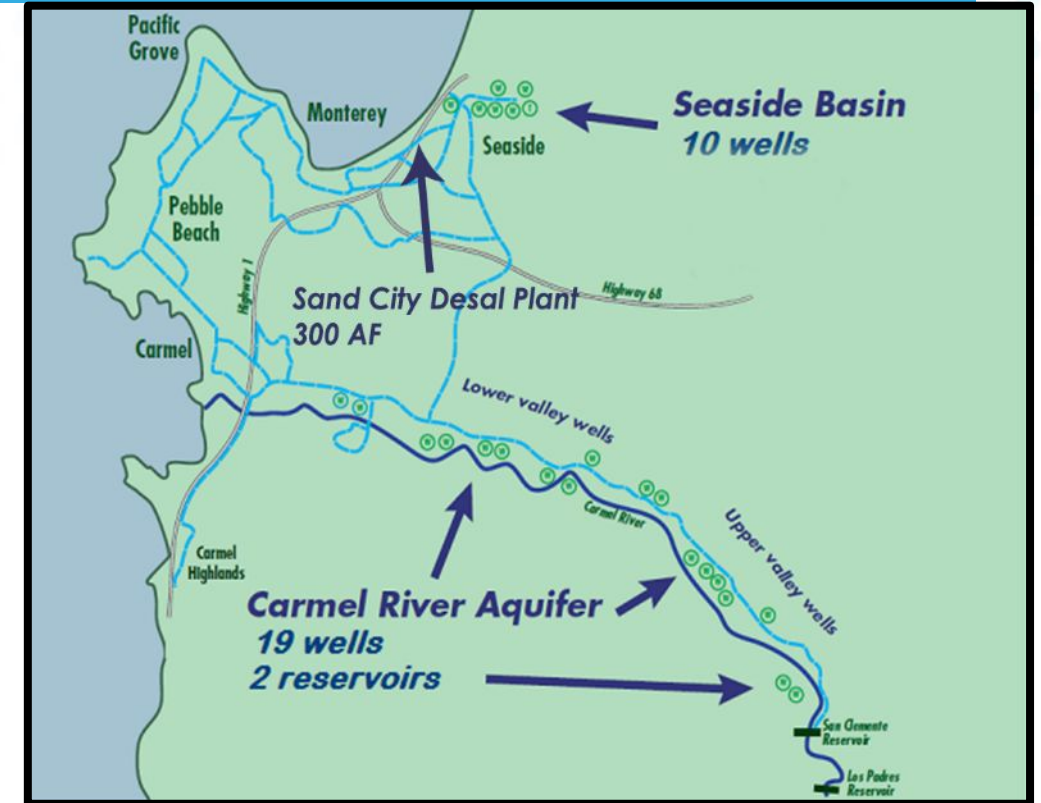
Source: ASCE's 2021 Infrastructure Report Card



Critical need for multi-decade investment

Water Supply Constraints

- **Carmel River** — State ordered withdrawals reduced by more than 50%
- **Seaside Basin** — Court-ordered withdrawal reduction by more than 50%
- **Drought** — Currently in multi-year emergency drought with minimal rain



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

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

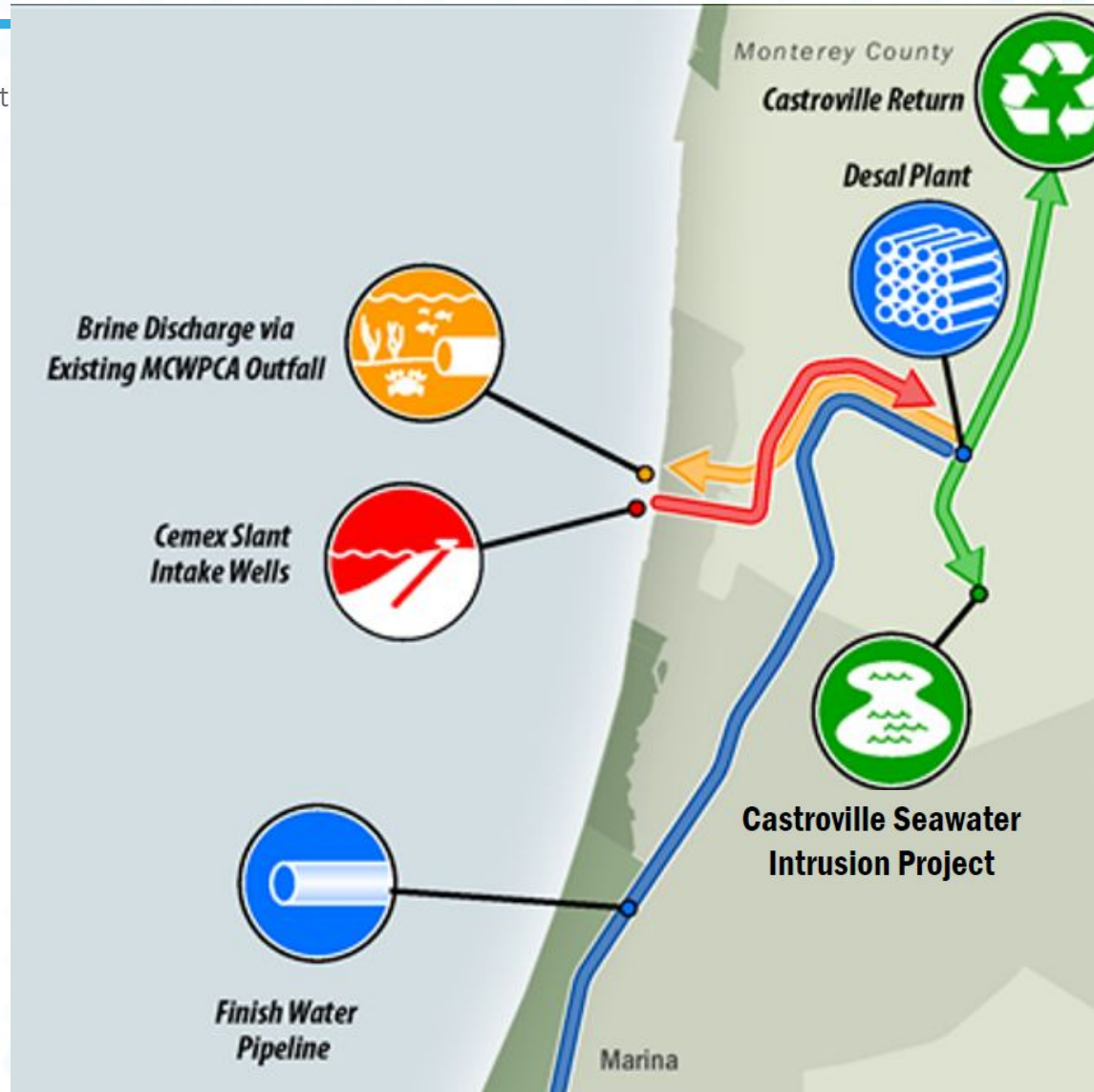
- Affordable housing
- Customer Assistance, Crisis Assistance and LIHWAP

Regional Approach

- Return water to Castroville/CSIP

Status and Timeline

- CCC hearing schedule for November
- Can be in service within next 5 years



FUTURE SOURCES



ASR

ePWM

Thank you
