



Dublin San Ramon
Services District
Water, wastewater, recycled water

Long-Term Water Resiliency Efforts

Board Meeting
August 5, 2025

Irene Suroso, Senior Engineer

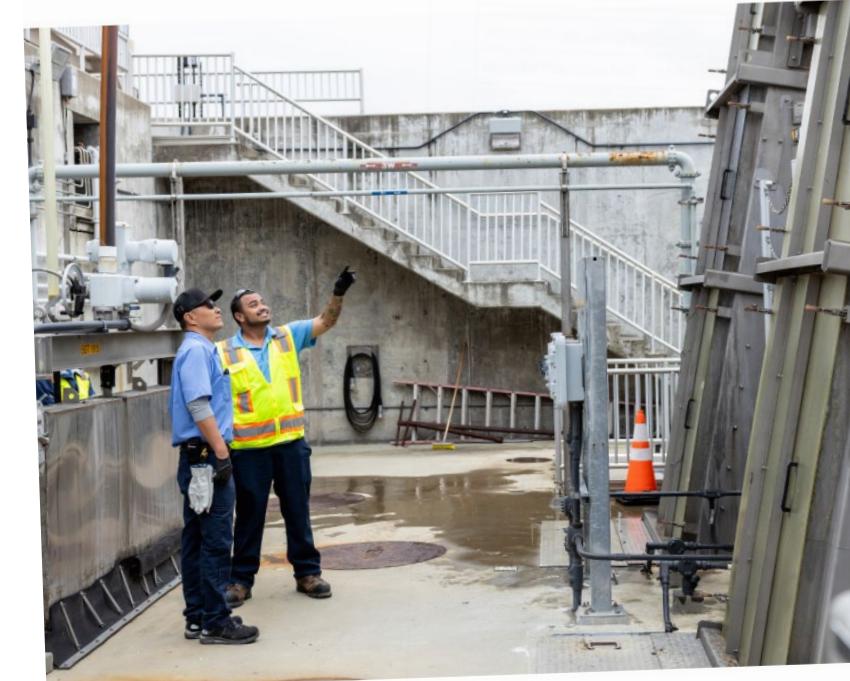
Strategic Plan and Water Resiliency Policy

- Guidance for building a more resilient water future
- “All of the above” approach to diversifying and improving long-term water supplies
- Collaborative partnerships



Strategic Plan | FY 2026 – FY 2030

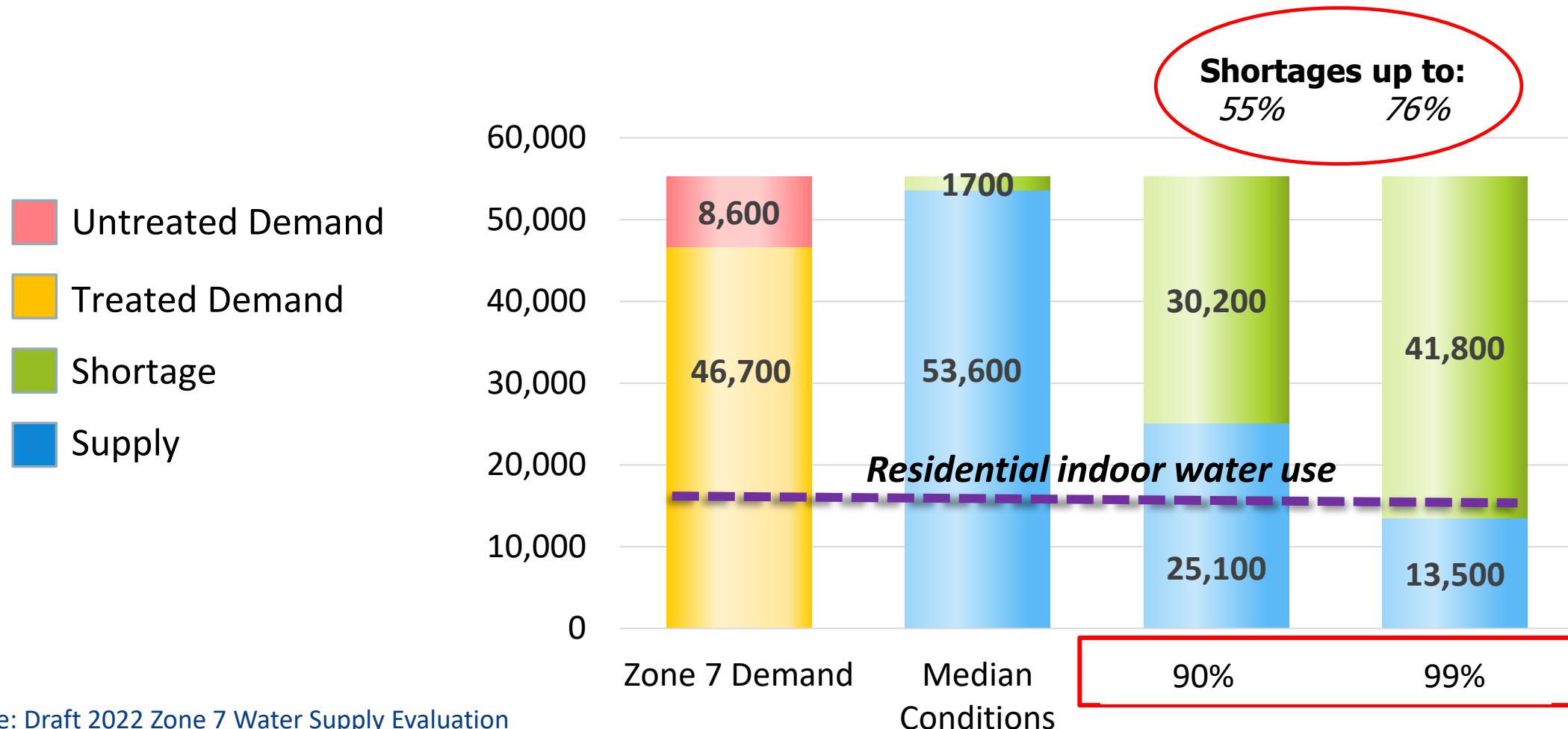
Policy





ZONE 7 LONG-TERM WATER RELIABILITY PROJECTS

“No New Water Supply” Scenario: Buildout



Reference: Draft 2022 Zone 7 Water Supply Evaluation



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Maxwell, CA - Location of
Proposed Sites Reservoir



Long-Term Water Options

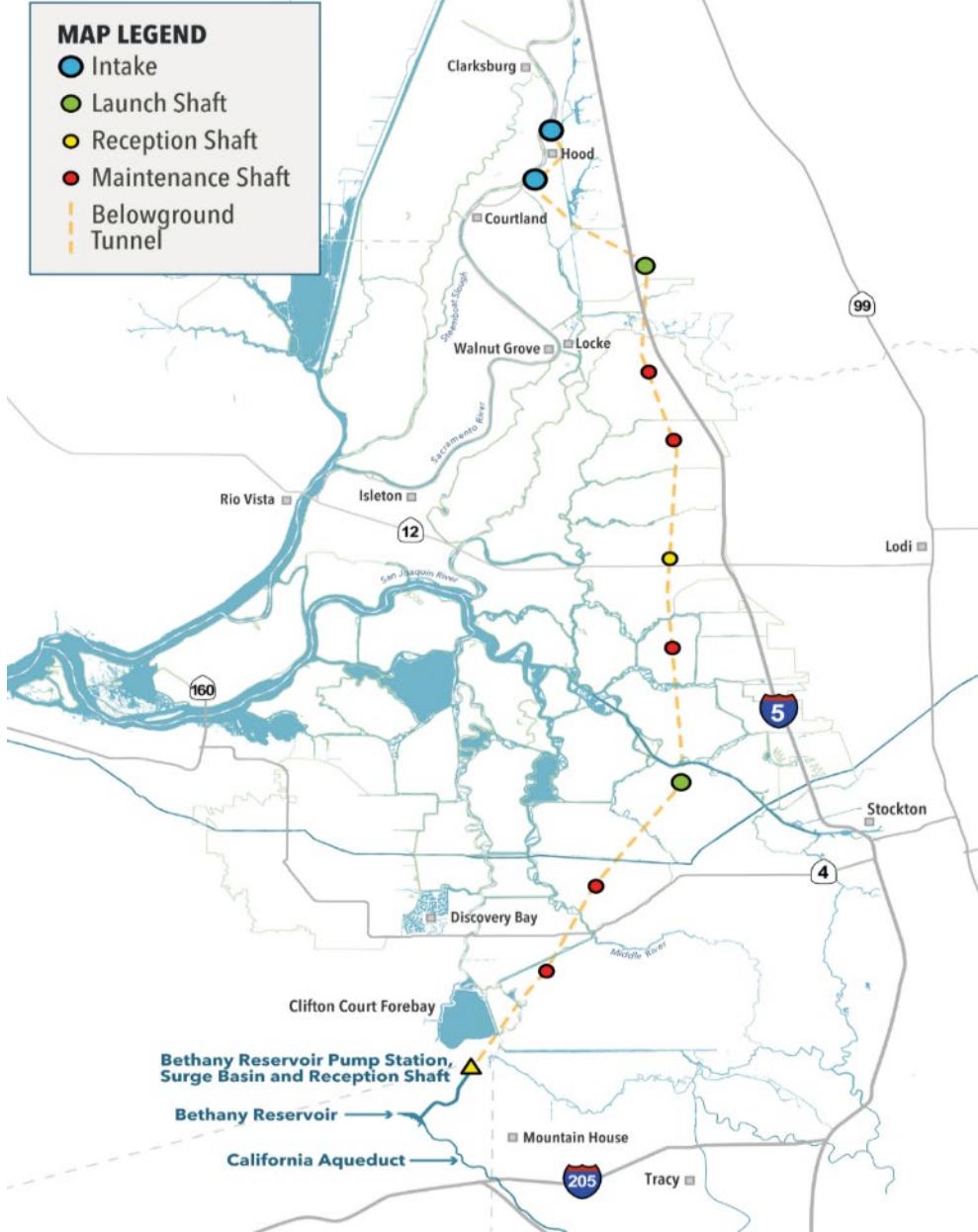
Potential Projects	Supply	Storage	Conveyance
Delta Conveyance	✓		✓
Sites Reservoir	✓	✓	
Potable Reuse	✓		
Chain-of-Lakes	✓	✓	✓
Water Transfers	✓		
Interties			✓
Regional Groundwater Wells	✓		
Bay Area Desalination	✓		



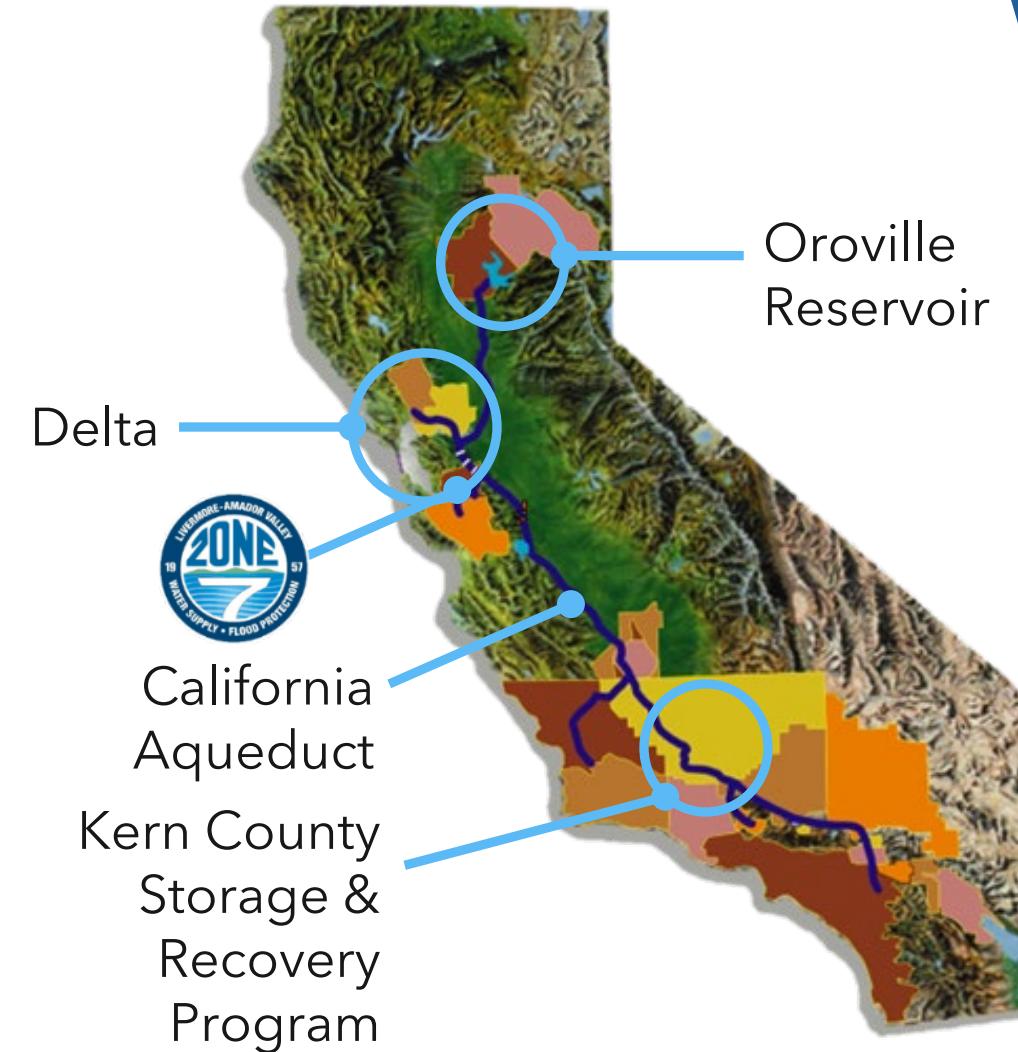
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Delta Conveyance

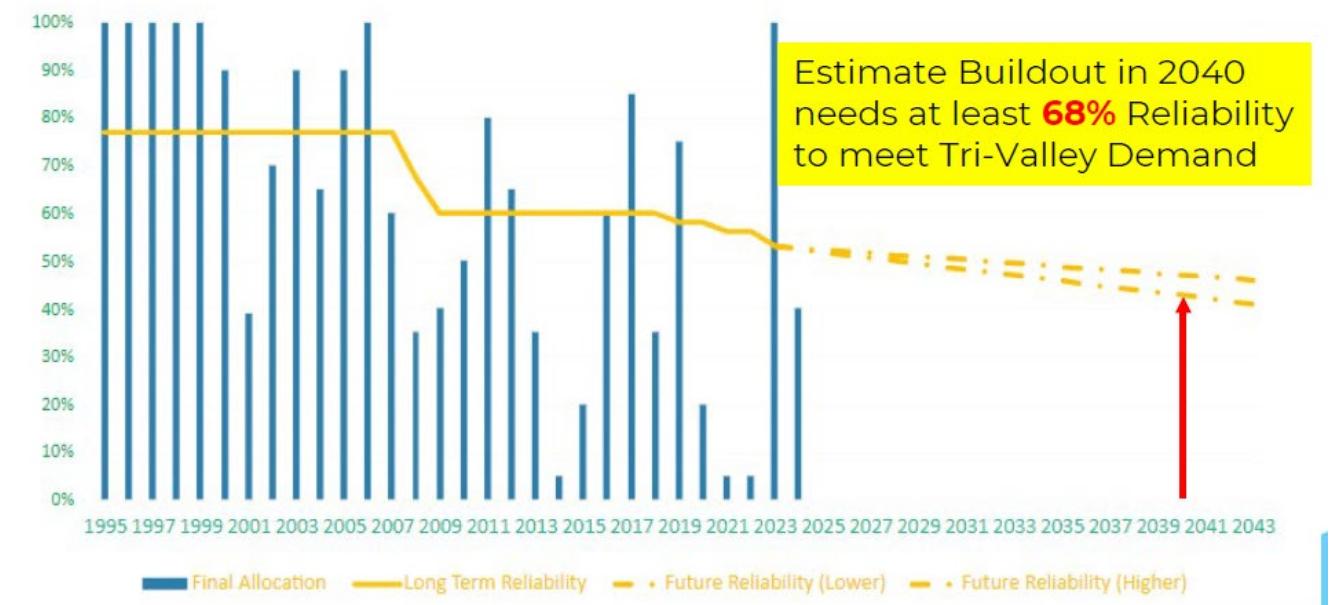
- 45-mile underground tunnel from north Delta to south Delta with a connection at Bethany Reservoir
- Modernize aging infrastructure
- Protect reliability of State Water Project deliveries
- Project cost estimated at \$20.1 billion
- Public hearings for water right permits underway



Why Delta Conveyance?



- Functioning SWP is critical to the Tri-Valley



Sites Reservoir

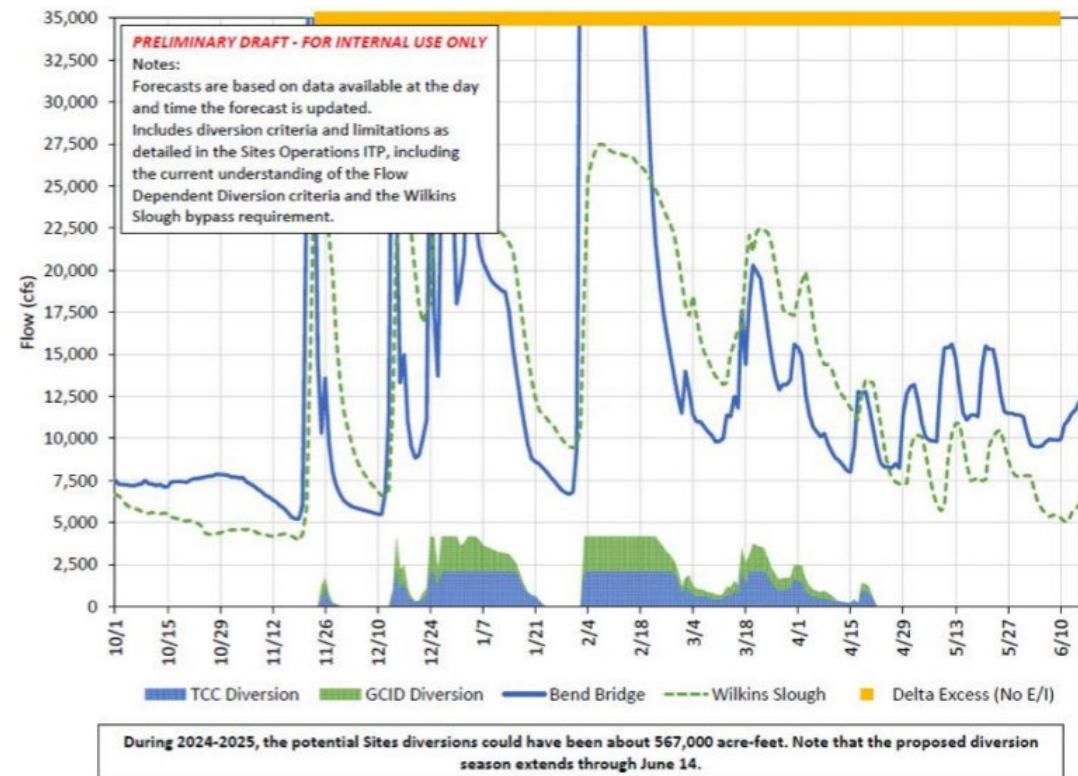
- Off-stream reservoir located in Glenn and Colusa Counties
- Total storage of 1.5 million acre-feet
- Captures excess stormwater flows
- Zone 7 signed up for 4.4% of storage capacity, about 10,000 acre-feet per year of new supply



What if California had Sites today?

Year	Estimated Diversion
2023	700,000 AF
2024	840,000 AF
Total Water Year 2023-2024	1,540,000 AF

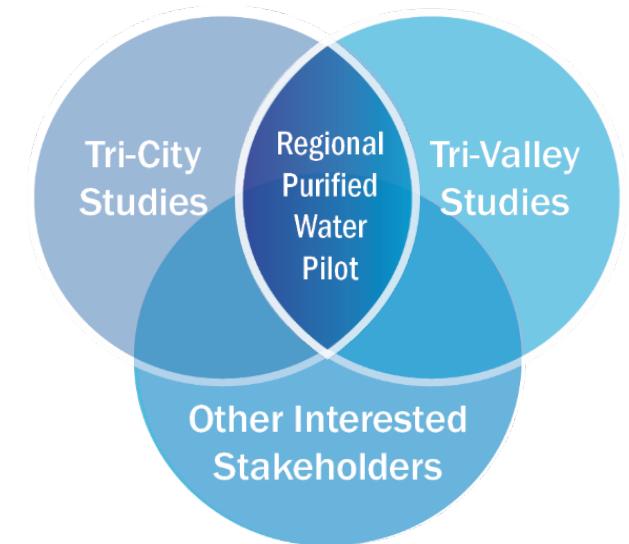
During the month of February 2025, Sites would have diverted about 3% of the total Delta outflow



Source: California Water Commission July 16, 2025 Presentation

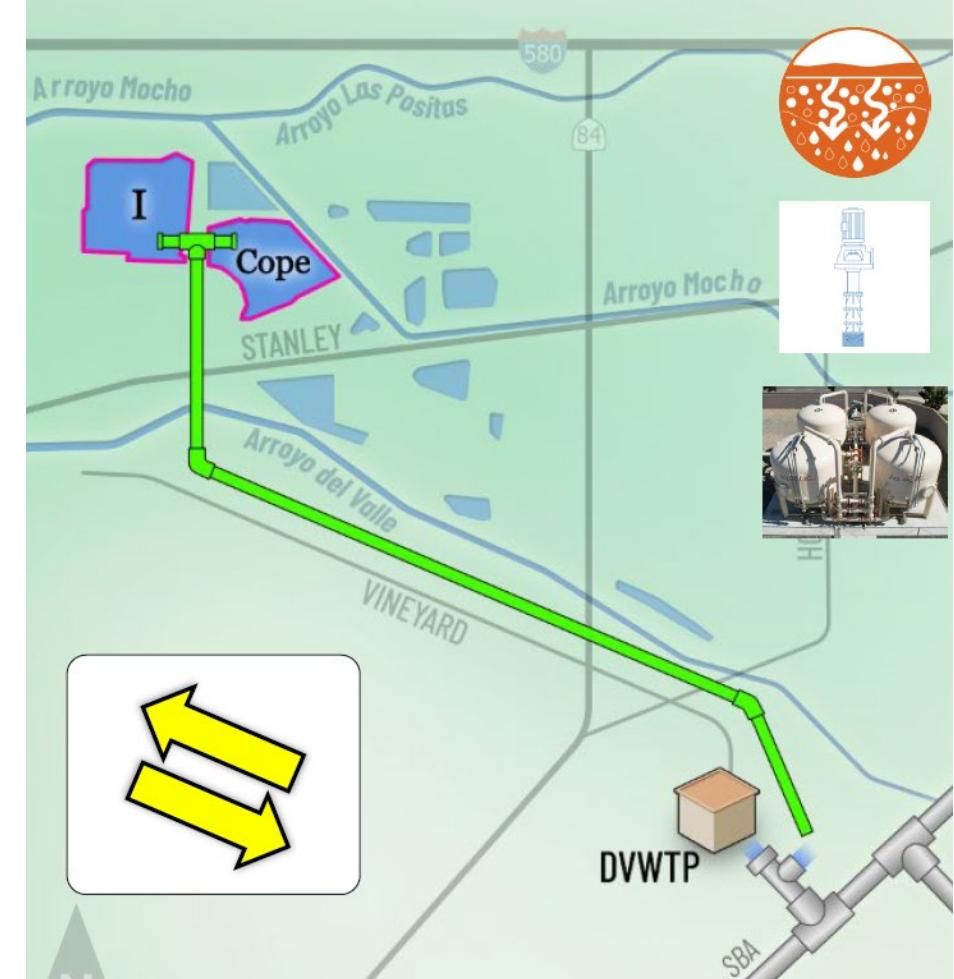
Potable Reuse

- Tri-Valley Potable Reuse Studies
 - Zone 7 groundwater contaminant mobilization study (completed 2024)
 - Update of the 2018 Tri-Valley Potable Reuse Study (planned for FY 2027)
- Regional Purified Water Pilot Project – Phase 2
 - Multi-agency partnership exploring potential to implement a regional pilot project
 - Phase 2 led by ACWD, focuses on public outreach (anticipated completion fall 2025)
 - Results to be incorporated into Tri-Valley public outreach and education materials



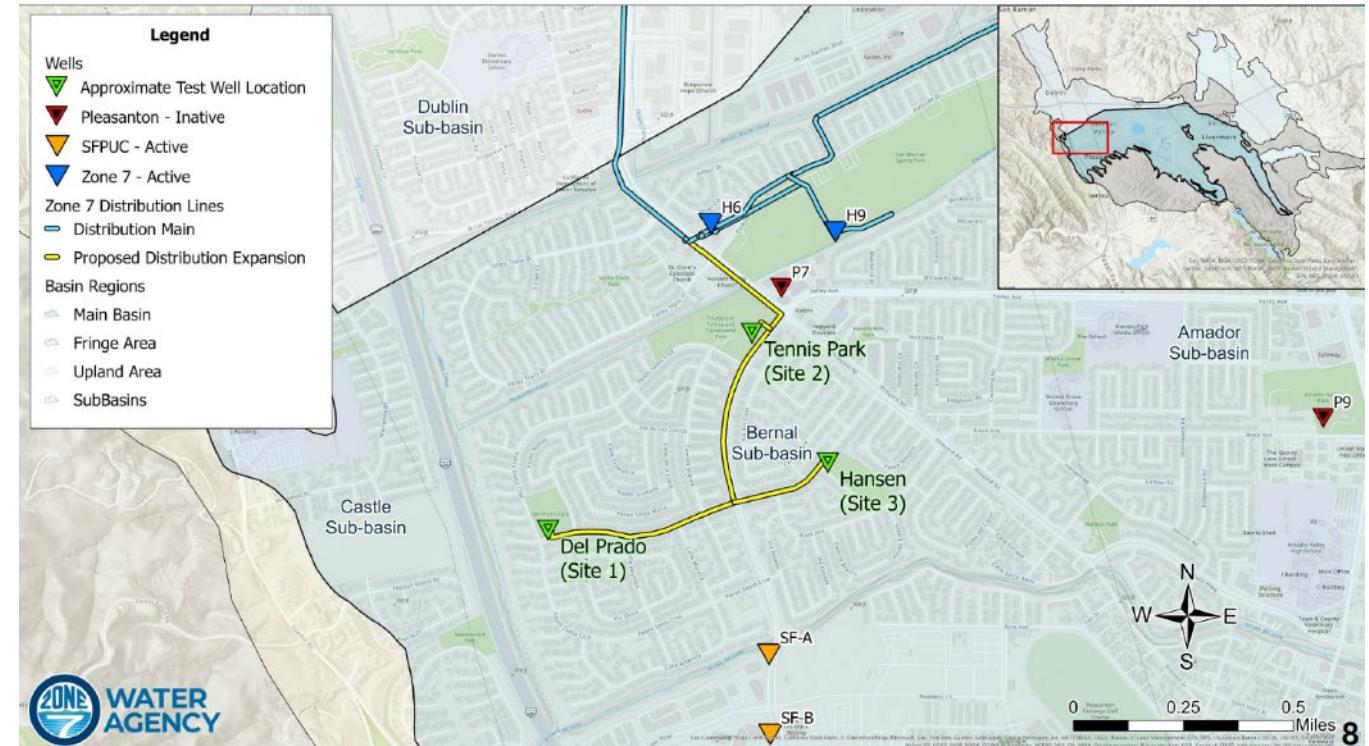
Chain of Lakes (COL) Conveyance System

- Phase 1: One-way pipeline for groundwater recharge and storage
- Phase 2: Two-way pipeline with pump station
- Project Estimated costs and schedule:
 - \$150-\$200 million
 - Design anticipated in 2026
 - Project completion in 2032



Regional Groundwater Wells

- Joint project with Pleasanton to explore adding wells in the Bernal Subbasin
- Increases Zone 7 pumping capacity and system capacity
- Feasibility report anticipated to be completed by end of 2025





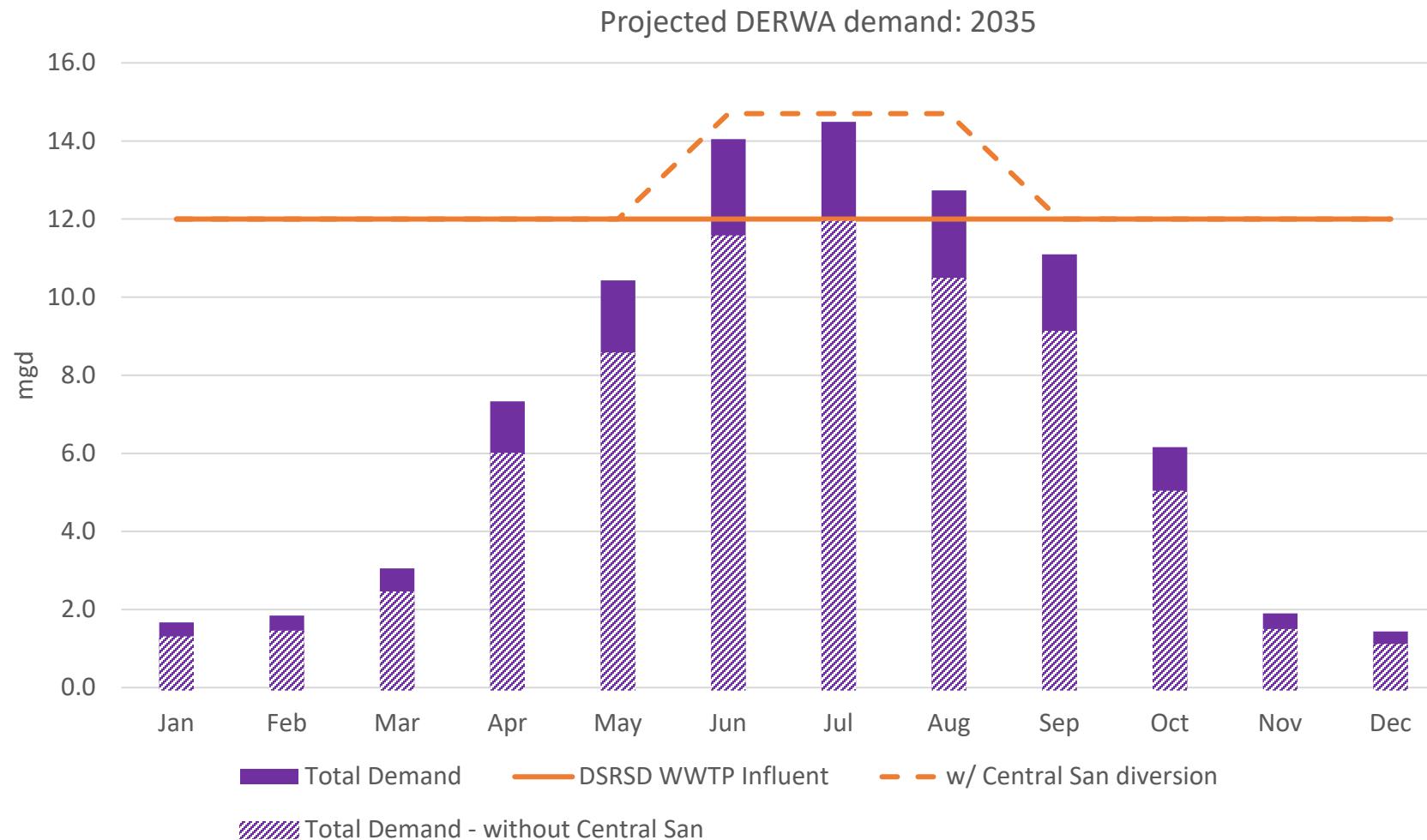
RECYCLED WATER

Supplemental Supply

- DERWA Supply Management Plan (March 2024)
- “Ready to connect” customers
 - Dublin Sports Grounds (Sep. 2025)
- Central San long-term supplemental wastewater agreement
 - Temporary 0.7 mgd temporary diversion extended long-term
 - Potential to expand to up to 2.7 mgd
 - Agreement executed by end 2025



Central San Supplemental Supply





CONSERVATION

SUCCULENT
GARDEN

Making Conservation a California Way of Life



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FY 2024 Annual Water Use Report



	Regulation Requirement	Urban Water Use Objective Target (million gallons)	DSRSD FY2024 Actual Water Use (million gallons)
Total Indoor Residential Water Use	Indoor Standard @ 55 gallons per capita per day	1,988	1,736
Total Outdoor Residential Water Use		886	517
Outdoor Irrigation with Dedicated Meter – Potable		322	322
Outdoor Irrigation with Dedicated Meter – Recycled Water		745	745
System Water Loss	10.7 gallon per connection per day	105	160
Total		4,046	3,480



Non-Functional Turf Ban (AB 1572)

- Ban on potable water irrigation on ornamental/decorative grass areas not used for recreation, civic, or other community events
- Example of functional turf areas - sport fields, parks, cemeteries, golf courses, playgrounds, picnic grounds, or pet exercise areas



Water Conservation Master Plan

- Review existing conservation programs (rebates, leak notification through AMI)
- Identify future conservation programs to meet water use objectives by 2030
- Cost/benefit evaluation
- Scheduled to be completed Fall 2025



Next Steps

- Complete Water Conservation Master Plan (Fall 2025)
- Execute Central San long-term supplemental supply agreement (end of 2025)
- Prepare Urban Water Management Plan (July 1, 2026)
- Update Tri-Valley Potable Reuse Study (FY 2027)

FINAL REPORT | JUNE 2021

2020 Urban Water Management Plan



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PREPARED FOR



PREPARED BY



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Questions?

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