



Dublin San Ramon  
Services District  
*Water, wastewater, recycled water*

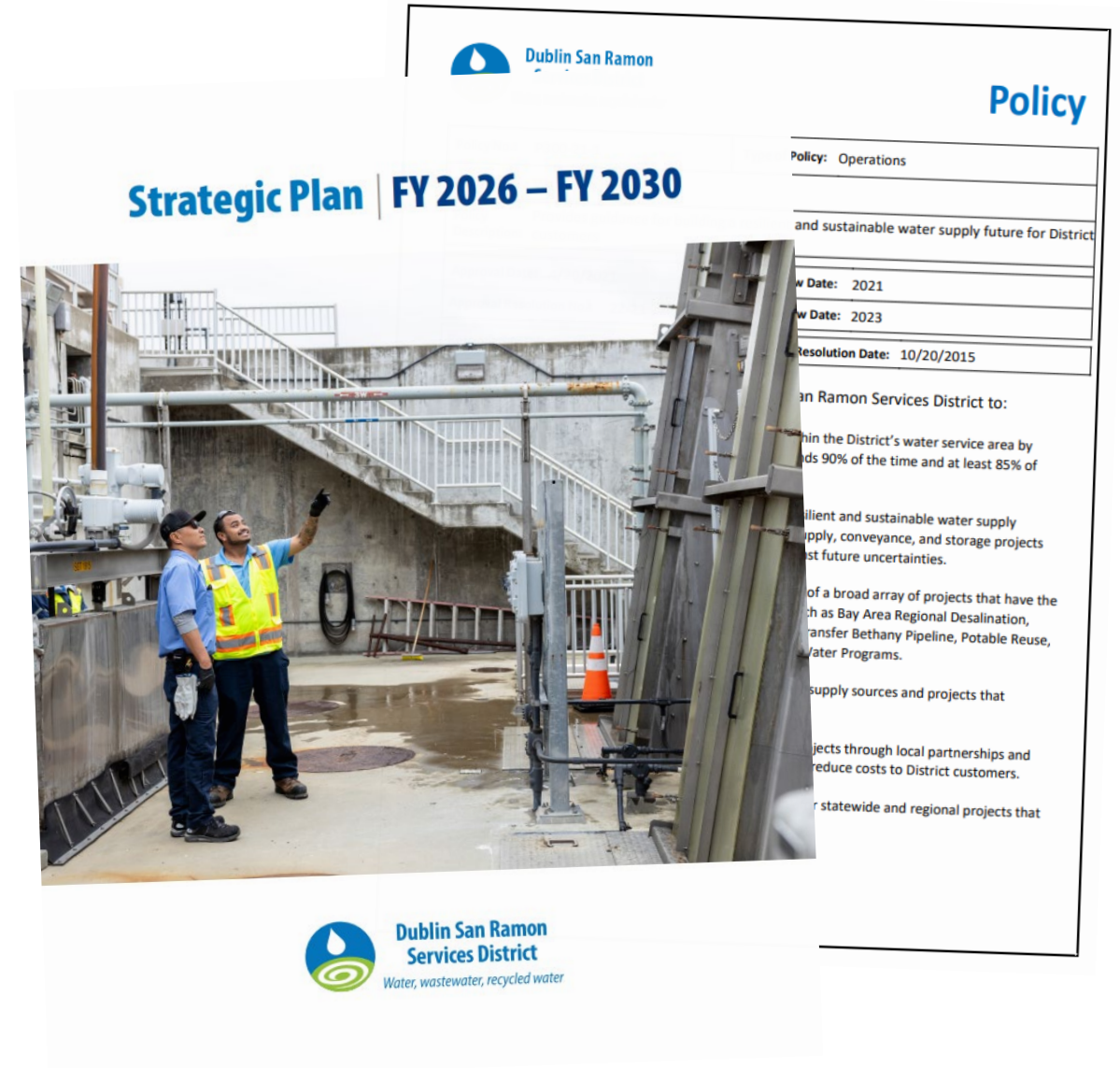
# Long-Term Water Resiliency Efforts

Board Meeting  
August 5, 2025

Irene Suroso, Senior Engineer

# Strategic Plan and Water Resiliency Policy

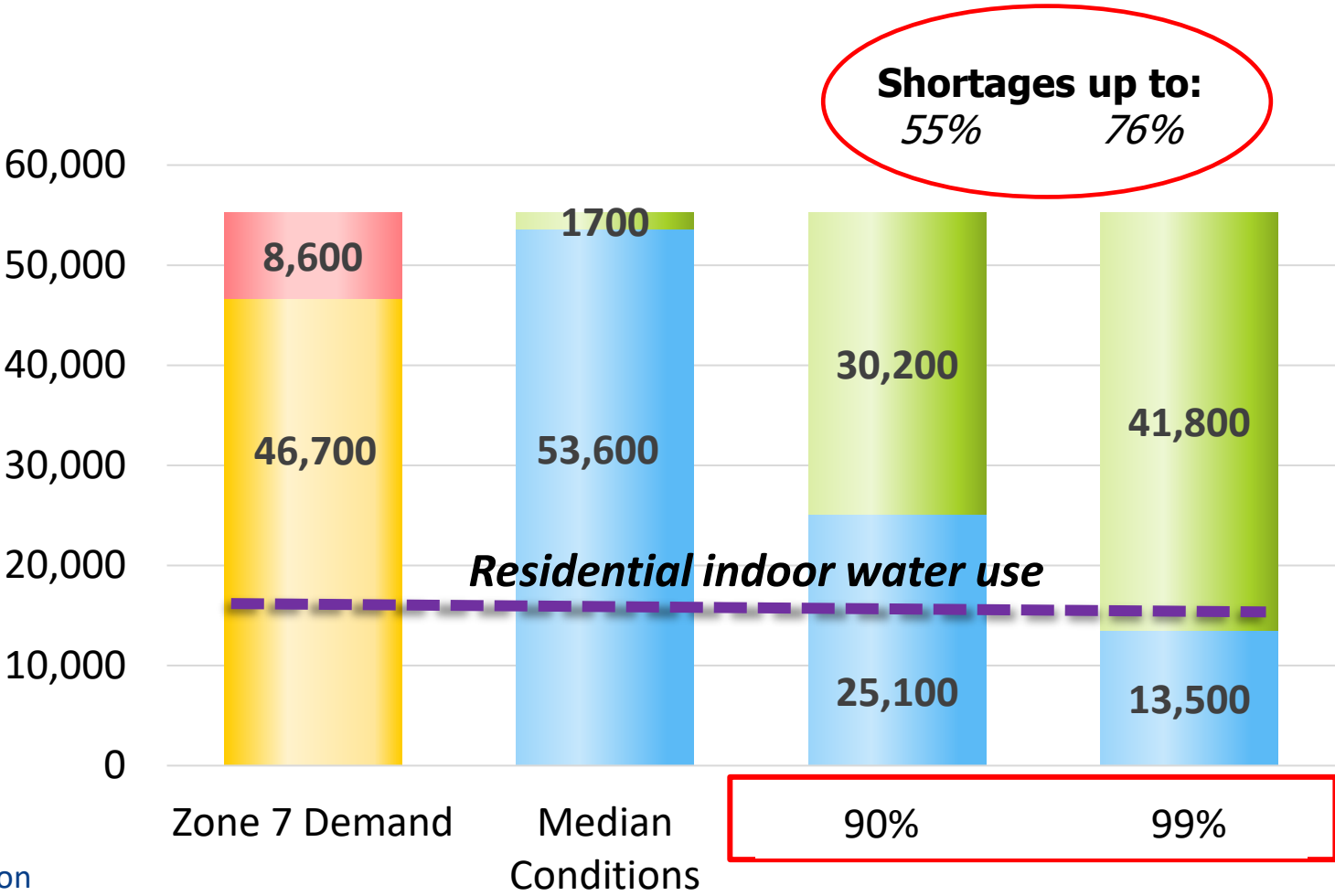
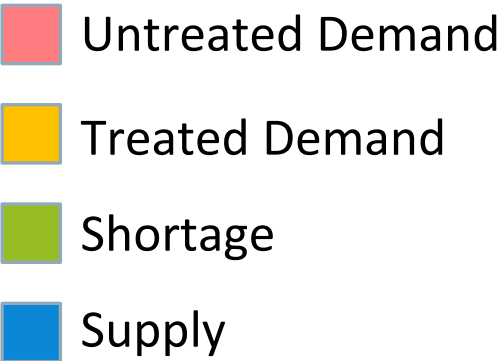
- Guidance for building a more resilient water future
- “All of the above” approach to diversifying and improving long-term water supplies
- Collaborative partnerships





# ZONE 7 LONG-TERM WATER RELIABILITY PROJECTS

# “No New Water Supply” Scenario: Buildout



Reference: Draft 2022 Zone 7 Water Supply Evaluation



Maxwell, CA - Location of  
Proposed Sites Reservoir



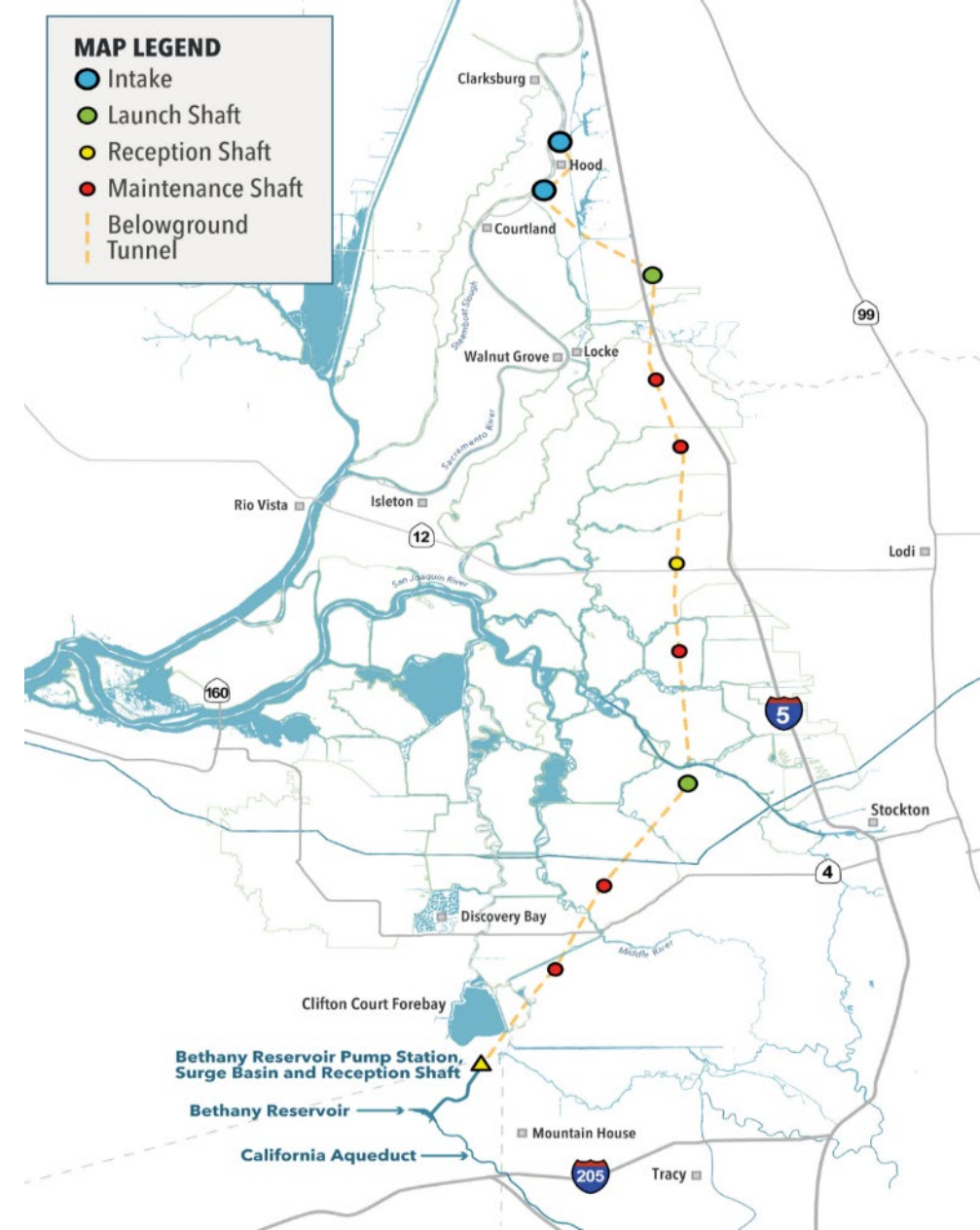
## Long-Term Water Options

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



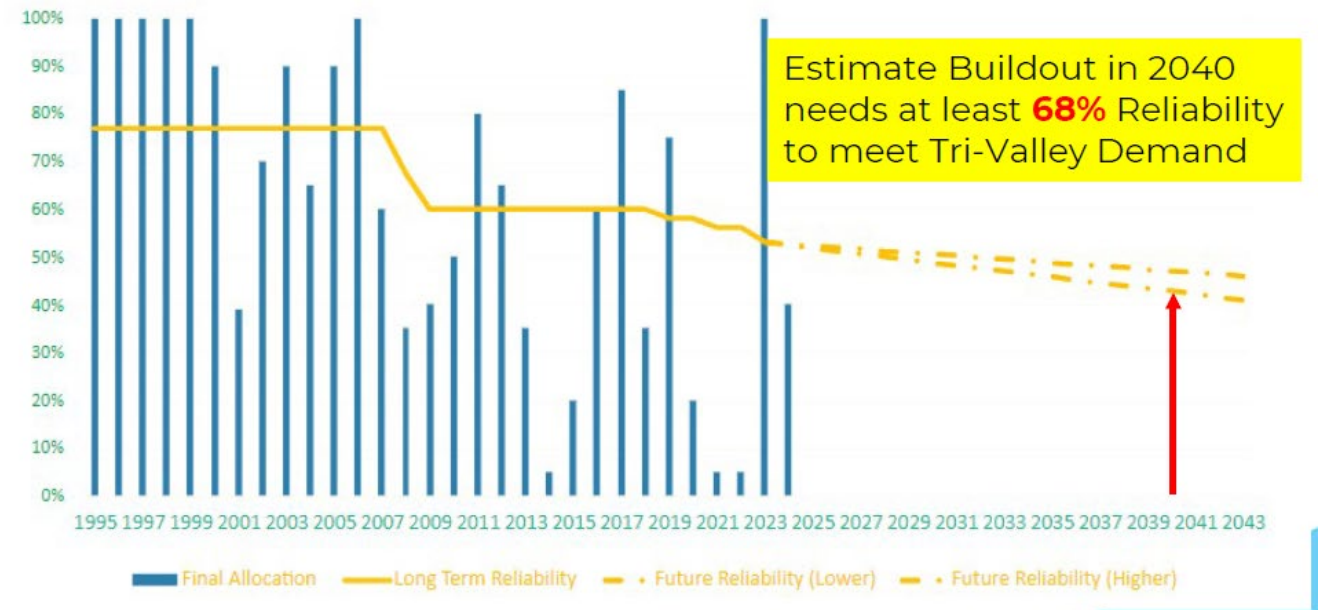
# Delta Conveyance

- 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



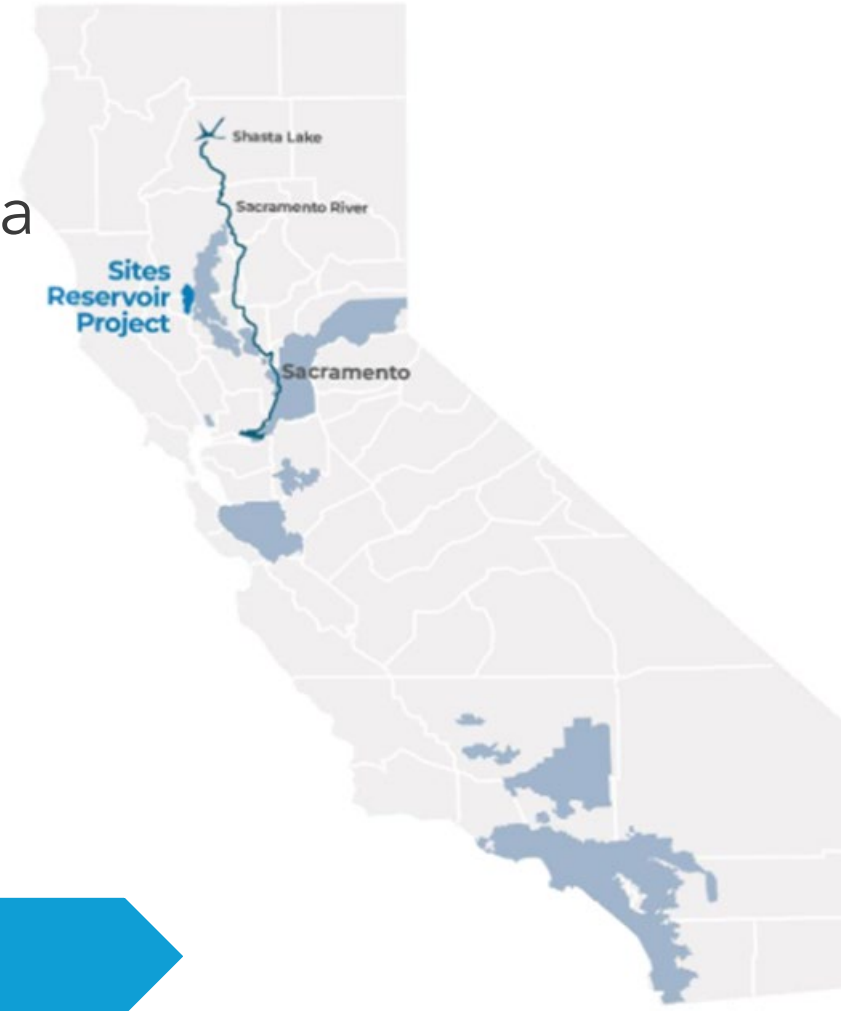
# Why Delta Conveyance?

- Functioning SWP is critical to the Tri-Valley



# Sites Reservoir

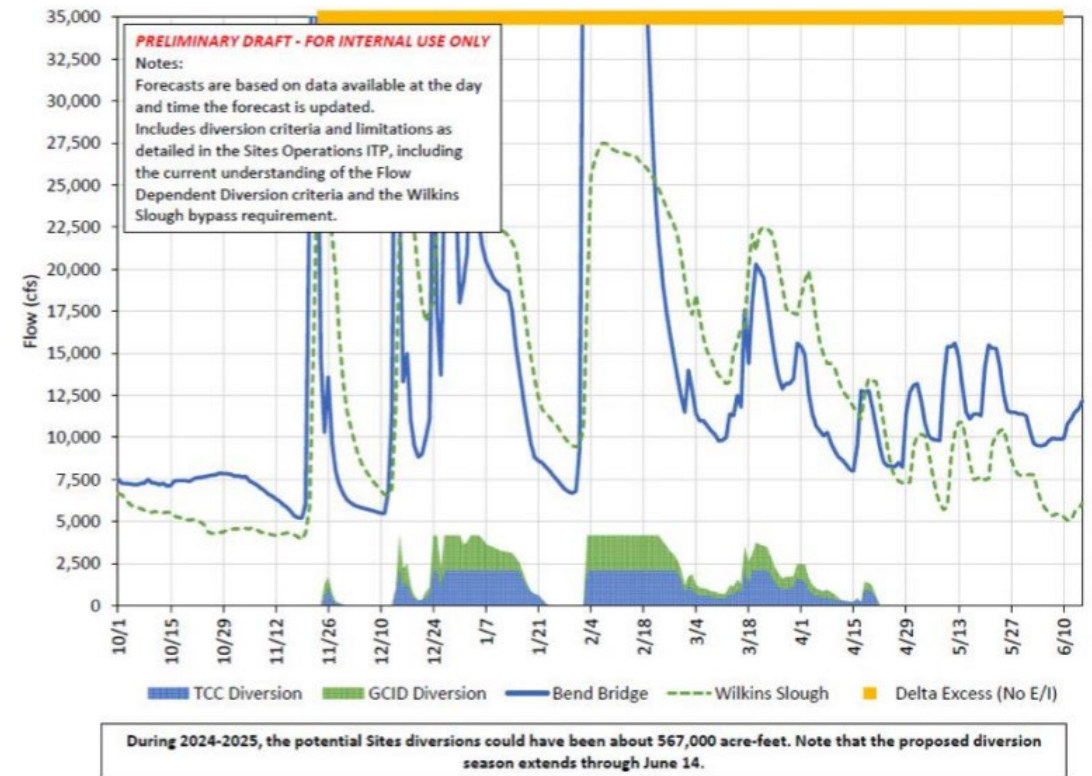
- Off-stream reservoir located in Glenn and Colusa Counties
- Total storage of 1.5 million acre-feet
- Captures excess stormwater flows
- Zone 7 signed up for 4.4% of storage capacity, about 10,000 acre-feet per year of new supply



# 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

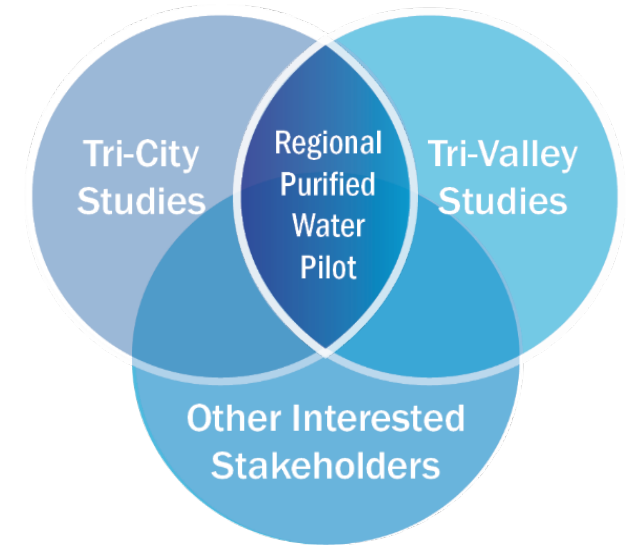
During the month of February 2025, Sites would have diverted about 3% of the total Delta outflow



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





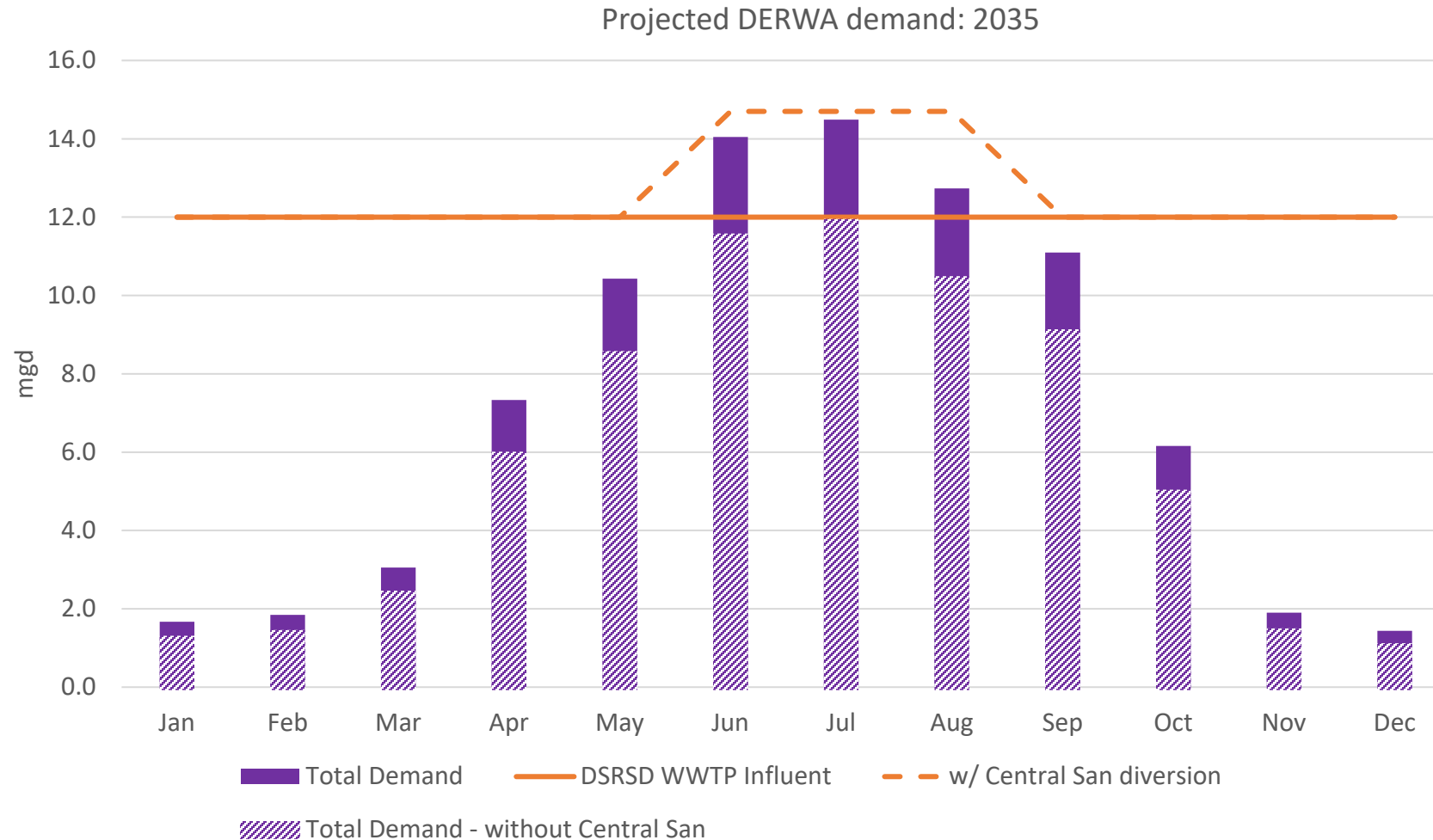
RECYCLED WATER

# 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

# Making Conservation a California Way of Life



Dublin San Ramon Services District

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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
<b>Total</b>		<b>4,046</b>	<b>3,480</b>



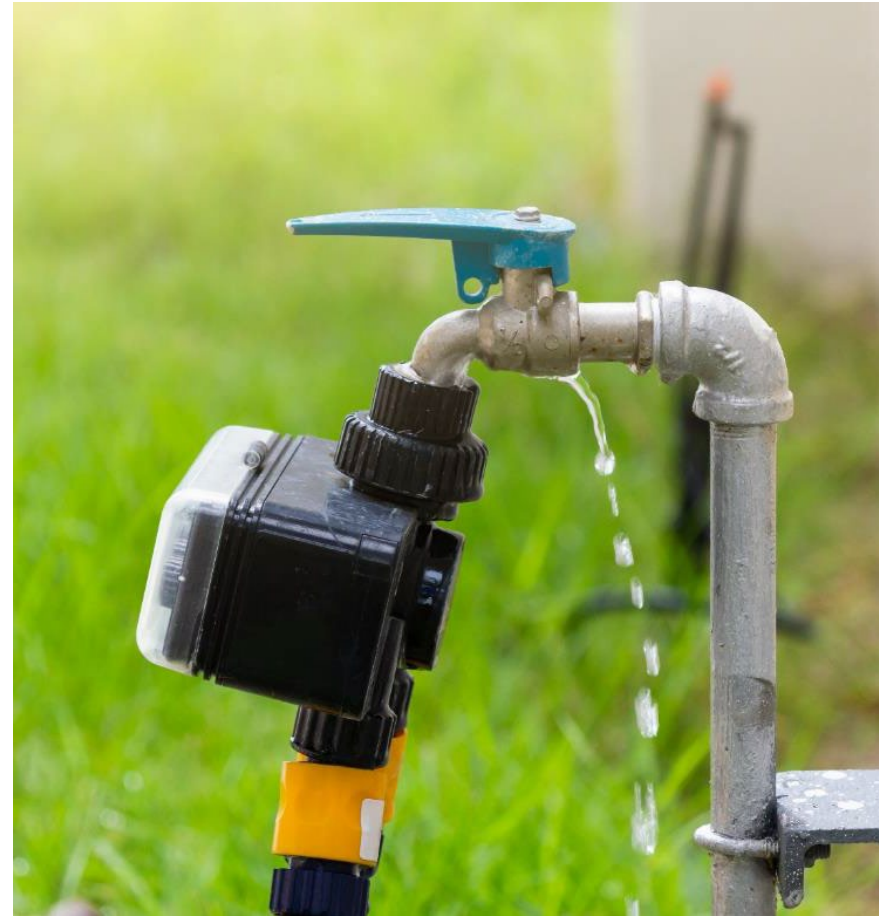
# Non-Functional Turf Ban (AB 1572)

- 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



PREPARED FOR  
**Dublin San Ramon Services District**

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PREPARED BY



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# Questions?

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