



**WATER
AGENCY**

Delta Conveyance Project: Adopting CEQA Actions and Continuing Participation

10/16/2024

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Agenda

- Delta Conveyance Project Overview
- State Water Project Reliability
- What DCP Means for Zone 7
- CEQA Actions
- Continued Participation



Strategic Plan Alignment

GOAL A

Reliable Water Supply
and Infrastructure

Provide customers
with reliable water
supply and
infrastructure.

Initiative 2

**Evaluate and develop appropriate new water
supply and reliability opportunities**

Delta Conveyance Project Overview



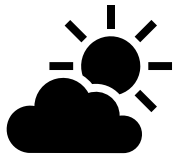
Delta Conveyance Project Overview

- Delta Conveyance Project (DCP) proposes Dual Conveyance Across the Delta
- Design Capacity of 6,000 CFS
- Major Civil Improvements of the DCP Include:
 - Two New North of Delta Intakes
 - A 45 Mile Long 36-foot Inside Diameter Tunnel
 - Bethany Pumping Plant
 - Bethany Reservoir Discharge Structure



Delta Conveyance Project Objectives

To restore and protect ability to deliver State Water Project water supply



CLIMATE RESILIENCY:

Responds to **climate change**, **extreme weather**, and **rising sea-levels** in the Delta for the State Water Project (SWP)



SEISMIC RESILIENCY:

Minimizes health/safety risk to public from earthquake-caused reductions in water delivery quality and quantity from the SWP



WATER SUPPLY RELIABILITY:

Provides **additional diversion capacity for high flow events** and **improves operational flexibility** for the SWP to meet regulatory compliance requirements

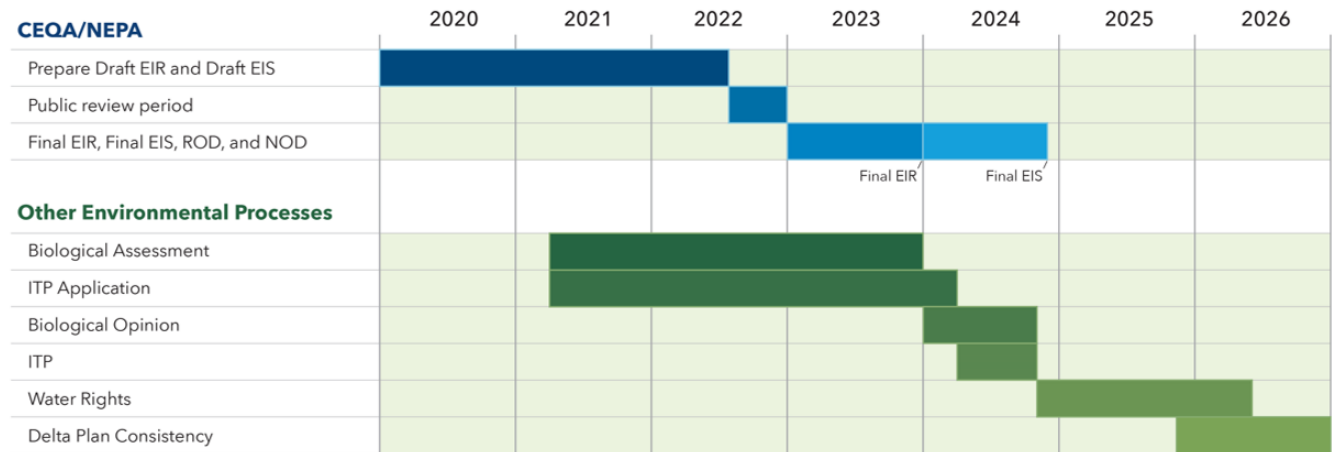


OPERATIONAL RESILIENCY:

Provides **dual conveyance** facilities across the Delta providing redundancy to operations

Project Status Updates

- Department of Water Resources (DWR) certified the Final Environmental Impact Report (EIR) in December 2023
- DWR is currently in the regulatory process for other approvals such as:
 - Incidental Take Permit (ITP)
 - Water Rights Change in Point of Diversion
- The Delta Conveyance Design and Construction Authority (DCA) is working on preliminary design and construction innovations
- Estimated in Operation in 2045

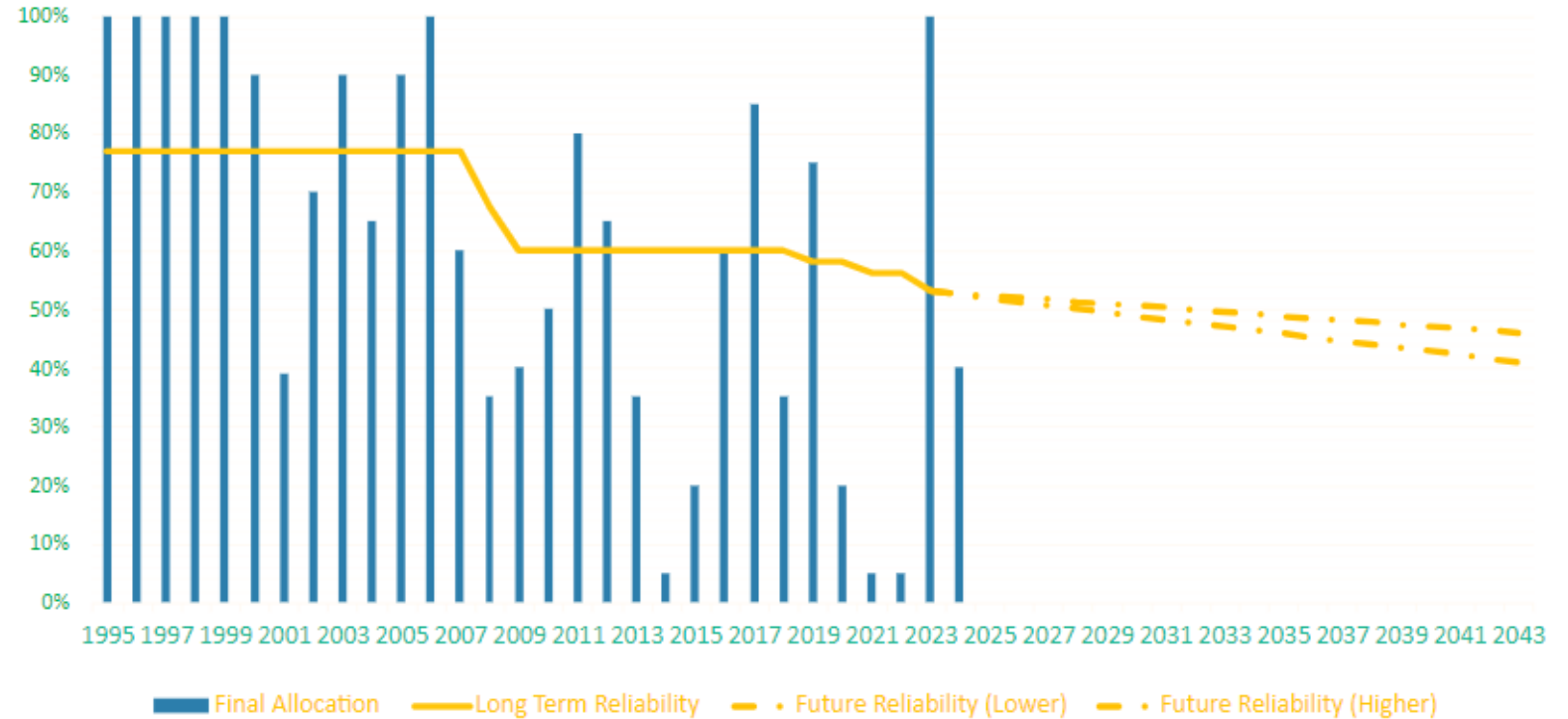


State Water Project Reliability



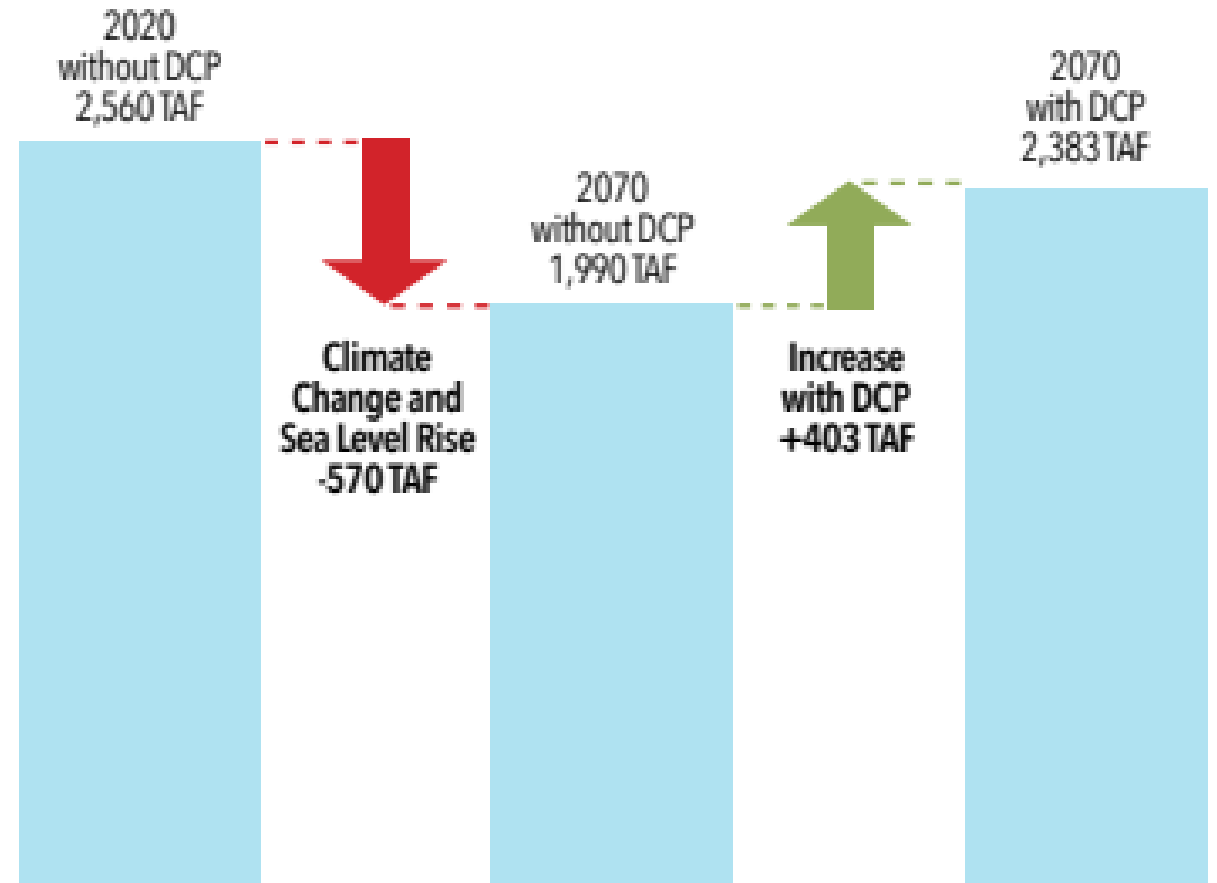
SWP Reliability – 20 Years

- Decreasing Exports Since 2005
- 53% Estimated Reliability
 - Expected to decrease to between 41-46% by 2043



SWP Reliability Long Term

- Climate Change
- Sea Level Rise
- Changing SWP Operations
- Regulatory Restrictions

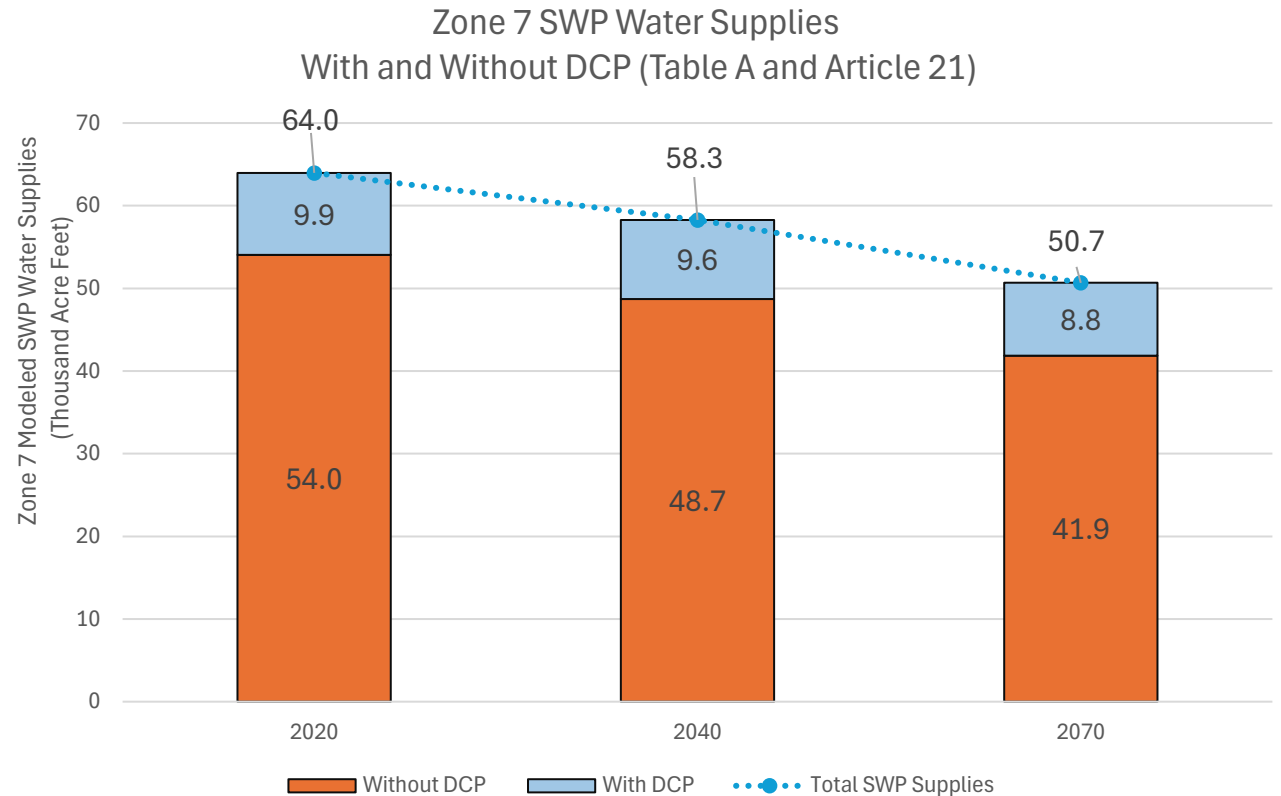


What DCP Means To Zone 7?



Water Supply Benefits to Zone 7

- 18 Participating Water Agencies
 - Zone 7 is 2.2% Participant
- 9-10 TAF Long Term Average
 - 6 TAF as Table A
- Partial Restoration of Decreasing SWP Reliability



Preliminary Cost Estimates

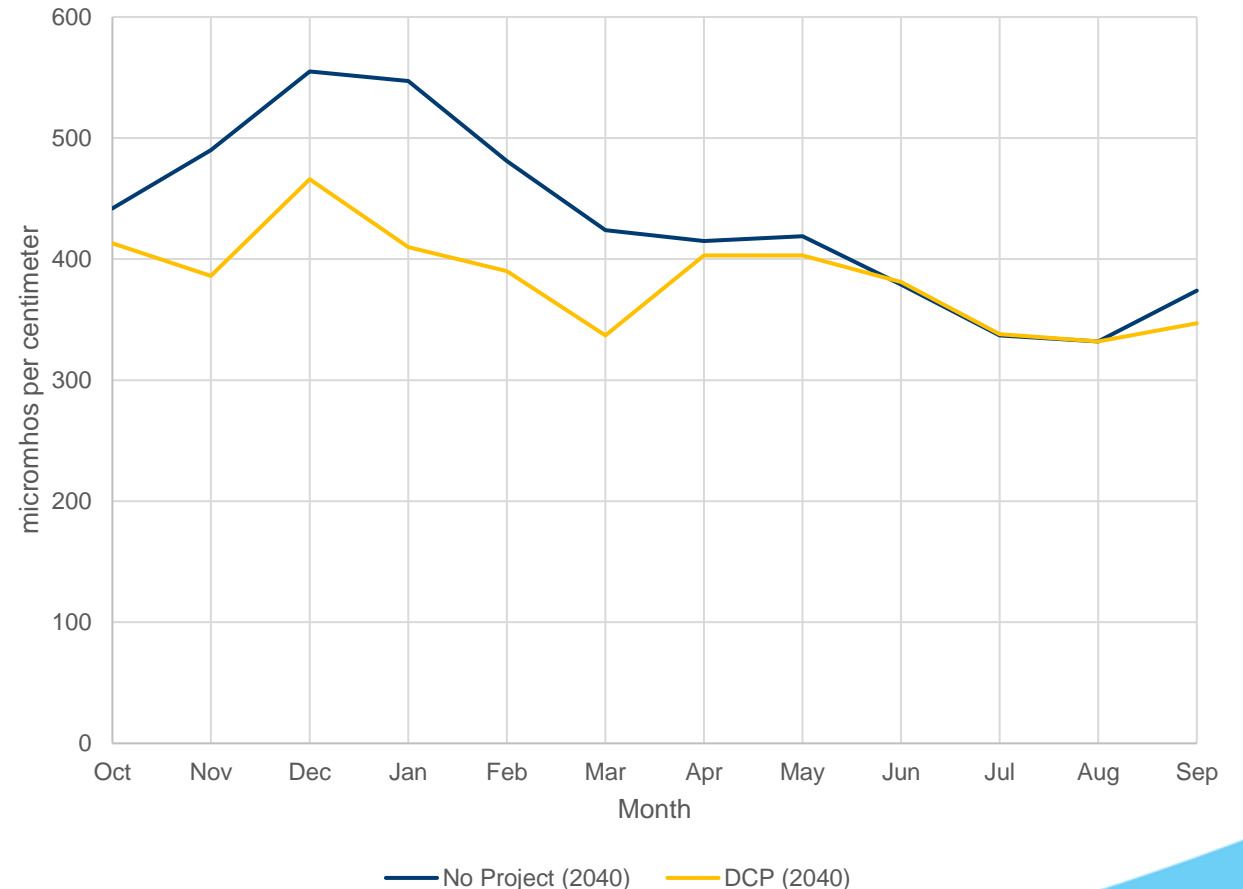
- \$443 million in DCP Capital Costs to Zone 7
- \$3,200/AF Estimated Unit Cost
 - Full Debt Service (40 years @ 4%)
 - Includes Estimated \$1.2 million/year O&M Costs
 - Based on 2040 Long-Term Average Supply
 - Does Not Include Construction Innovations

Investment in Reliability of the SWP

Water Quality Benefits

- Reduced Salinity in the California Aqueduct with DWR
 - Recommended EC for Irrigation Water is less than 750 uS/cm
 - Recommended Drinking Water Consumer Acceptance Level is less than 900 uS/cm
- Reduced Boron, Bromide, and Chloride Concentrations

Salinity Measured as Electrical Conductivity (EC)



CEQA Actions



CEQA Action

- DWR Certified the Final EIR on December 21, 2023
- Funding is Anticipated to be Used for Pre-Construction Work
- Recommendation to take certain CEQA actions
 - Consider DWR's Final EIR
 - Make Responsible Agency Findings
 - Adopt DWR's Findings of Fact
 - Adopt the Statement of Overriding Considerations
 - Authorize Staff to File a Notice of Determination
- The proposed Zone 7 Board action does not approve or commit to DCP construction at this time. The approval action is to provide additional funding to allow for Pre-Construction Work.

Continued Participation



Benefits of Continued Project Participation

Continued Participation by Zone 7 in the Project's Planning Costs Will:

- Allow Zone 7 to elect to participate in the Project in the future based on information developed in the planning process
- Allow access by Zone 7 to information related to benefits and costs, and
- Provide Zone 7 influence throughout the process.

Funding Request

- DWR is Requesting a Funding Commitment of \$6.6 million
 - CY 2026(\$2.64 m) and 2027 (\$3.96 m)
 - In the Adopted Budget from Fund 100
- This Funding will Continue Planning, Design, Permitting and Pre-Construction Work



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Questions?