



Bay-Delta Update

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Imported Water Committee

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San Francisco Bay/ Sacramento-San Joaquin Delta (Bay-Delta)



- Water Supply: 27 million people
- Supports \$50 billion ag industry
- Supports 80% of CA salmon fishing
- Habitat for >750 species
- Home to > 627,000 people
- Ecosystem distress:
 - Reduced water supply & sediment
 - Invasive species
 - Pollutants
 - Modified land use
 - Subsidence
- State Water Project envisioned a Peripheral Canal around Bay-Delta
 - Costs allocated on SWP **Supply** Charges

History of Bay-Delta Fixes

Efforts to Balance Ecosystem & Exports

- Peripheral Canal (1965-1982)
- Delta Vision (2006-2007)
- Bay Delta Conservation Plan (2007 – 2015)
- California WaterFix (2015-2019)
 - Twin tunnel project
 - In 2018, MWD board voted to fund 64.6% of the project costs
- Water Resilience Portfolio Approach (2019-current)
 - Single tunnel project
 - In 2020, MWD staff recommended funding 60.2% of planning costs; board voted to fund 47.2%
 - FEIR: late 2023
 - MWD decision on % of participation

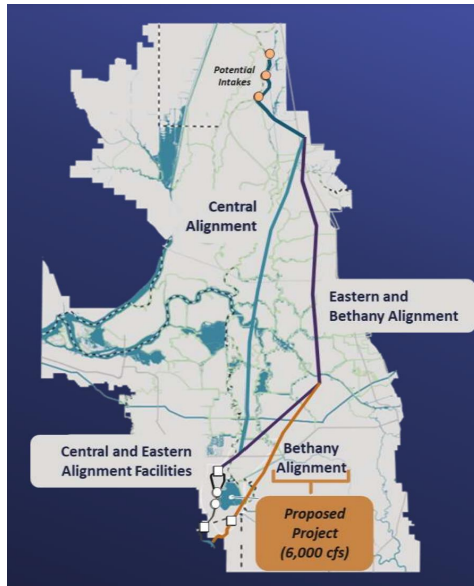


Supply Projects

Cost allocation matters

Single Tunnel Project

- Capital cost likely > \$15.9B (2020)



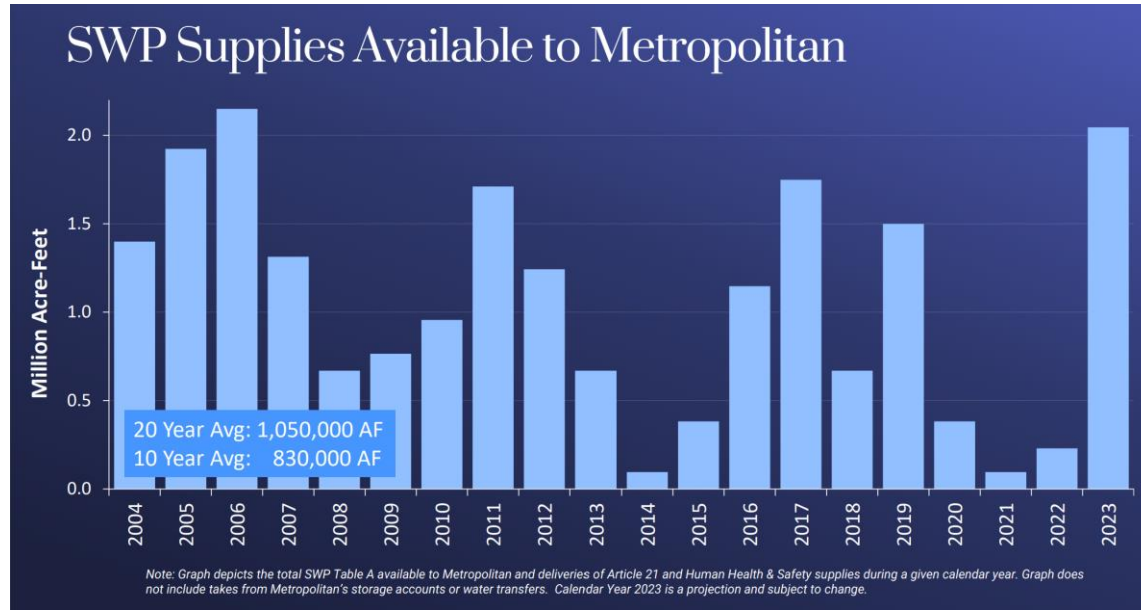
Sites Reservoir Project

- Capital cost: \$3.9 billion (2021 \$)



- If supply costs improperly allocated on transportation (i.e. Water Authority's Exchange Agreement), Water Authority's MWD costs may be 3-3.5X higher

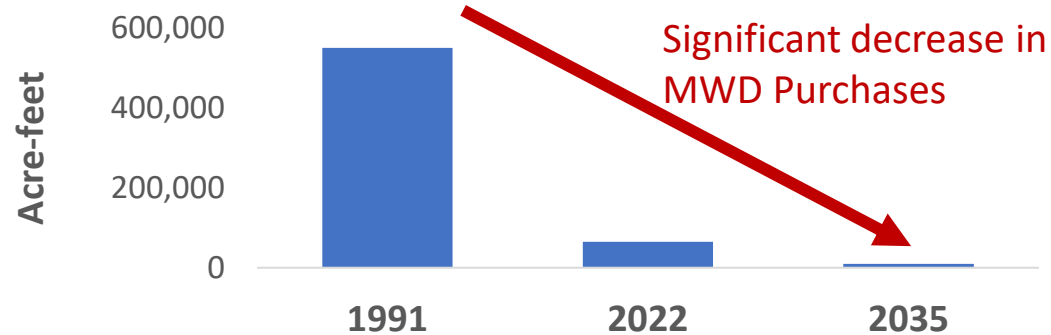
Unpredictable Bay-Delta Exports



Processes that Impact State Water Project Operations

- Bay-Delta Water Quality Control Plan
 - Unimpaired flow-only alternatives
 - Voluntary Agreements alternative
- Biological Opinions governing SWP operations
- Delta Stewardship Council's Delta Plan
 - Enforces coequal goals
 - More reliable water supply
 - Protecting, restoring, and enhancing ecosystem

Water Authority's MWD Purchases



Water Authority Has Reduced Demand on Bay-Delta

- In 2019, Water Authority Board conditionally supported single tunnel so long as costs properly allocated as supply

Bay-Delta Activities Impacting MWD SWP Supplies

- Late 2023: Single-Tunnel Project final EIR expected
- Late 2023: Sites Reservoir final EIR expected
- Bay-Delta Water Quality Plan: comments due mid-December 2023
- Biological Opinions decision: 2024
- Ongoing: MWD's long-term planning effort, Climate Adaptation Master Plan For Water
 - Opportunity to align long-term Bay-Delta strategy with MWD's other long-term resources plans, climate adaptation strategies, and fiscal sustainability efforts



History of Bay-Delta Fixes

Efforts to Balance Ecosystem & Exports

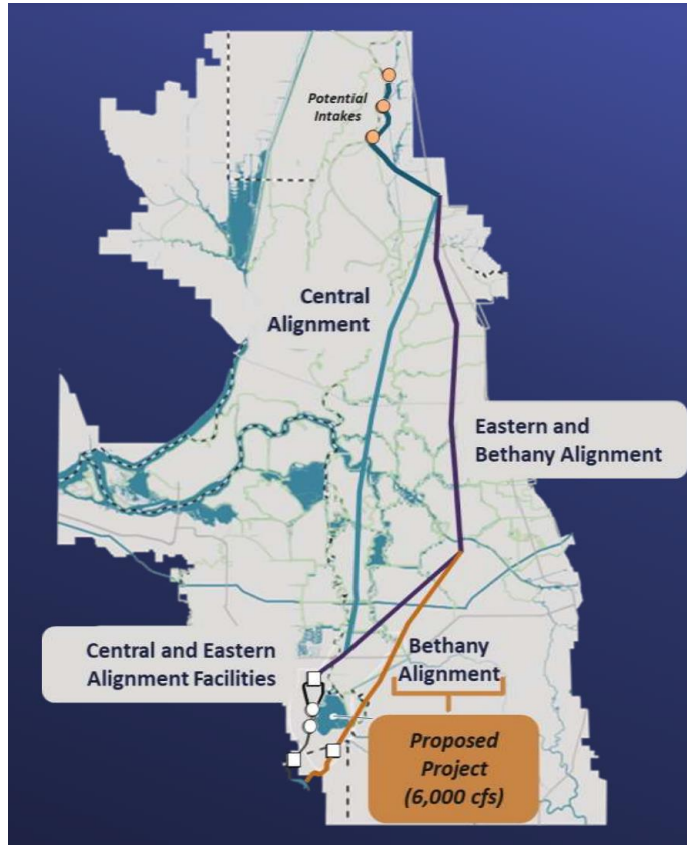
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 - Draft EIR released July 2022
 - Proposed project
 - Single tunnel; Two north of delta intakes; 6,0000 CFS export capacity; Eastern alignment around Bay Delta (“Bethany Alignment”);
 - Duel conveyance with existing waterway
 - No updated cost, but likely > \$16B (2020\$ from WaterFix analysis)
 - Final EIR ~ later 2023



Supply Projects

Single Tunnel Project

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