

California WaterFix & California EcoRestore

Moving Forward



The Metropolitan Water District of Southern California



Recent Actions



- In 2018 Metropolitan's Board of Directors made historic decision to invest in 64.6 percent of full CA WaterFix project



- Design, engineering and contracting activities moving forward



- CA EcoRestore projects are already underway

CA WaterFix and EcoRestore



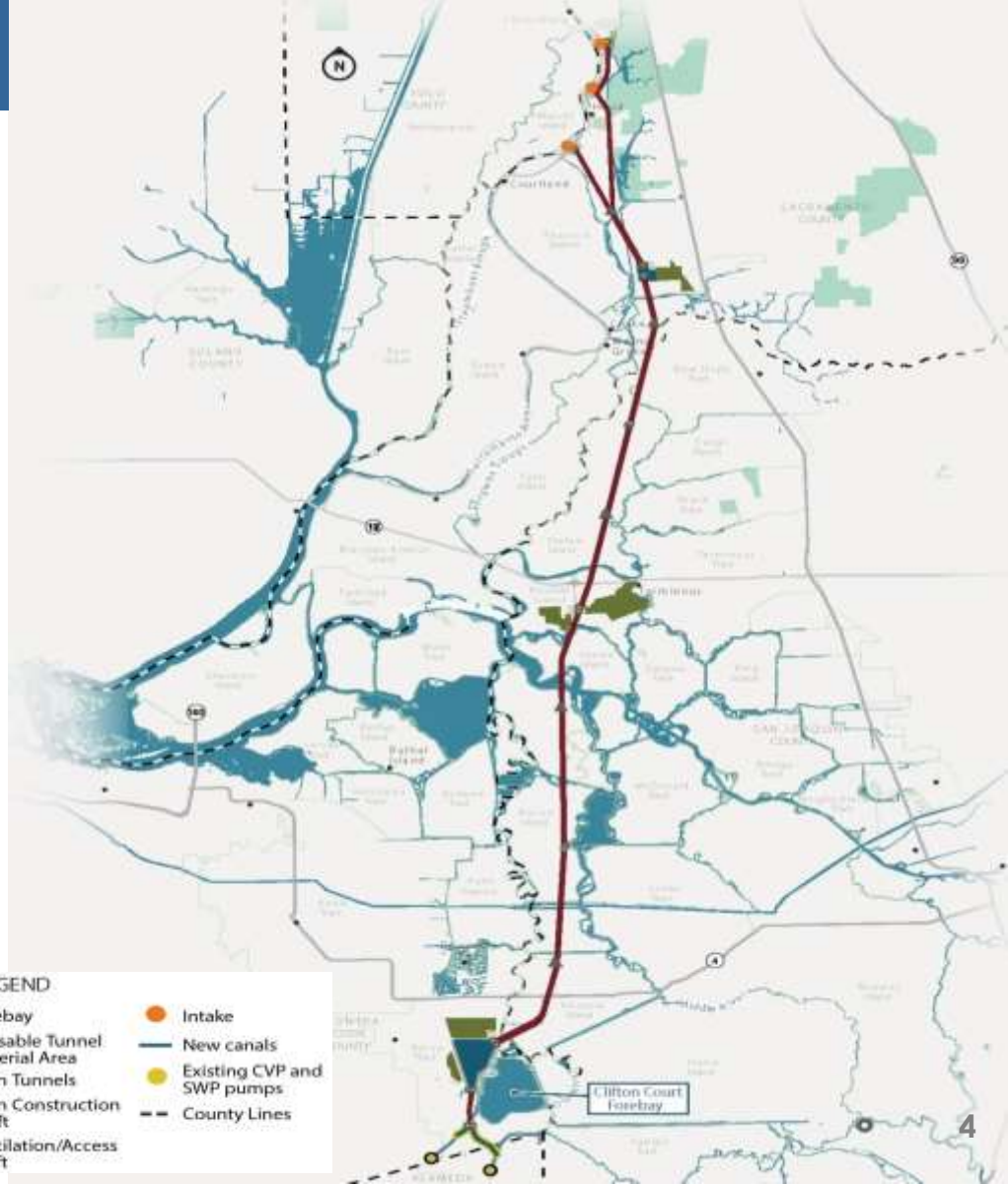
- Protects water supplies with Delta system upgrades
- Uses dual tunnel facilities and environmental mitigation
- Financed by investments from water users



- Improves long-term health of native fish and wildlife
- Restores vital habitat
~ 30,000 acres in 5 years
- Mitigation funded by public water agencies; additional habitat enhancements funded by local, state, federal and private investment

CA WaterFix

- Three north Delta intakes
 - 3,000 cubic feet per second capacity
- Intermediate Forebay
 - Approximately 30 acres
- Gravity-fed tunnels
 - 150' below ground
 - 40' diameter
- Consolidated pumping plant
 - Lifts water into forebay
- Forebay in south Delta
 - Approximately 800 acres
 - Connects to State Water Project/Central Valley Project facilities



Key Benefits



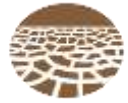
Sustaining Our Cities



Providing Local Groundwater



Promoting Local Supplies



Surviving Droughts



Capturing Big Storms

Ecosystem Benefits of CA WaterFix



RESTORE
NATURAL FLOW PATTERNS

- Restore more natural flow patterns and reduce reverse flow conditions in South Delta



PROTECT
FISH

- Reduce entrapment of fish at existing southern diversion facilities
- Protect migrating fish species with state-of-art fish screens at northern intakes

CA WaterFix and BDCP Board Review/Actions

2004-2006

4 Board Actions

14 Updates

1 Workshop/Retreat

- Financing Principles
- Long-term Principles
- BDCP Planning Agreement
- BDCP Cost-Sharing Agreement

*BDCP: Bay-Delta
Conservation Plan*

2007-2009

7 Board Actions

18 Updates

2 Workshops/Retreats

- Delta Action Plan
- Conveyance Principles
- Governance Principles
- BDCP MOA Agreement
- Initial Funding Agreement
- Delta Reform Act
- Amend Planning Agmt

2010-2018

4 Board Actions

78 Updates

7 Workshops/Retreats

- BDCP MOA Amendment
- Supplemental Funding
- CA WaterFix (9k@25.9%)
- CA WaterFix (9k@ up to 64.6%)

California WaterFix October 2017 – July 2018

MWD Board Approves

MWD Board Approves

MWD Board Approves

Oct

Nov

Dec

Jan

Feb

Mar

Apr

May

Jun

Jul

CVP PWAs
Fail to Approve

MWD Explores
Financing with
CVP PWAs

April Action
Challenged

State Announces
Consideration of
Staged Construction

State Announces
No Longer Considering
Staged Construction

Design
Construction
Authority Formed

Other SWP PWAs Approve
Full Project

Metropolitan Water District Board Action July 10, 2018

- Participate, support and fund additional financing and funding arrangements for California WaterFix up to 64.6% of total project costs
- Execute Joint Powers Agreements forming the Construction and Financing JPAs
- Authorize funding of up to \$86 million for gap funding
- Authorize the General Manager to negotiate draft terms and conditions for one or more multi-year transfers of SWP water supplies

Provide oversight of DCA



Department of
Water Resources



Delta Conveyance
Design and
Construction Authority
(DCA)

*Design and Construct
WaterFix*

*Provide Financing for
WaterFix*



Finance Joint Powers
Authority

Delta Conveyance Design and Construction Authority

- DCA to construct CA WaterFix; state to oversee
- Partnership between public water agencies and state
- Metropolitan and water agency representatives on DCA board
- DCA will dissolve upon project completion
- State will own and operate CA WaterFix



Photo Courtesy CA Dept. Water Resources

Delta Conveyance Design and Construction Authority

- Formed in May 2018
- Purpose is to complete design and construction of the CWF
- Sunsets once construction is complete
- Coordinates with DWR's Delta Conveyance Office
- 4 of 5 Board members have been appointed
- Several RFQs are in process such as Geotechnical, Engineer Design Manager; others are in process such as Program Manager, Executive Director, and General Counsel
- Will be business-ready by the end of 2018

Delta Conveyance Design and Construction Authority

Board of Directors

MWD

Richard Atwater
Steve Blois

*Shane Chapman
Stephen Arakawa*

Kern County

TBD

TBD

Santa Clara

Tony Estremera

Barbara Keegan

SWC At-Large

Sarah Palmer
(Zone 7)

*Doug Headrick
(San Bernardino
Valley MWD)*

Officers

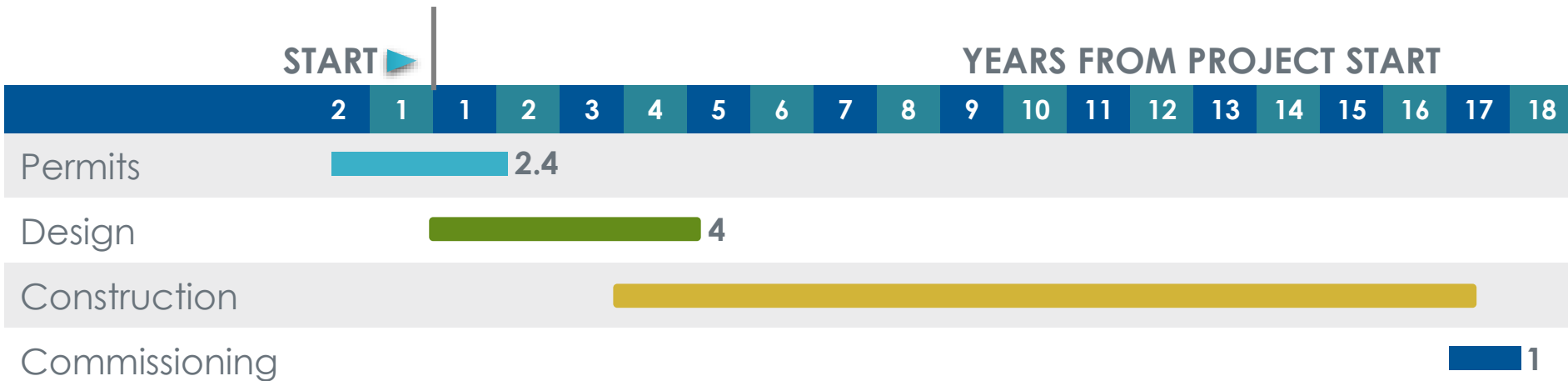
*Estremera, President
Atwater, Vice President
Palmer, Secretary*

Delta Conveyance Finance Authority

- Formed July 3
- First meeting July 19
- Members
 - Alameda County Water District Paul Sethy
 - Alameda County Flood Control/
Water Conservation District Zone 7 Valerie Pryor
 - Metropolitan Water District Randy Record
 - San Geronio Pass Water Agency Jeff Davis
 - Santa Clara Valley Water District Gary Kremen
- Officers
 - President Randy Record
 - Vice President Gary Kremen
 - Secretary Jeff Davis

California WaterFix Schedule

- Permitting process has started
- First few years of project will involve staffing, securing professional services, design and land acquisition
- Construction begins Year 4 and continues for approximately 13 years



California WaterFix Next Steps

- Key remaining permitting and approvals
 - State Water Resources Control Board
 - Change in Point of Diversion
 - Delta Stewardship Council
 - Determination of Consistency with the Delta Plan

CA EcoRestore

Established in 2015 to
accelerate at least
30,000 acres of habitat
restoration in Delta by 2020



CA EcoRestore

More than two dozen Delta restoration projects have been identified, including:

- Fish passage and floodplain improvements
- Tidal restoration for fish and wildlife habitat
- Subsidence reversal and carbon storage



Photo Courtesy CA DWR

Questions?

