

Department of Water Resources

Incidental Take Permit for the State Water Project

California Water Commission

December 16th, 2020

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California Department of
Water Resources

Incidental Take Permit (ITP)-A new direction for the SWP

- 10-year permit (2020-2030) issued by the Ca. Department of Fish and Wildlife
- Covers four species listed under the California Endangered Species Act (CESA)
- Hard-wired protections for fish and their habitats
- Robust adaptive management program
- New science commitments for the smelts and salmonids



Longfin smelt



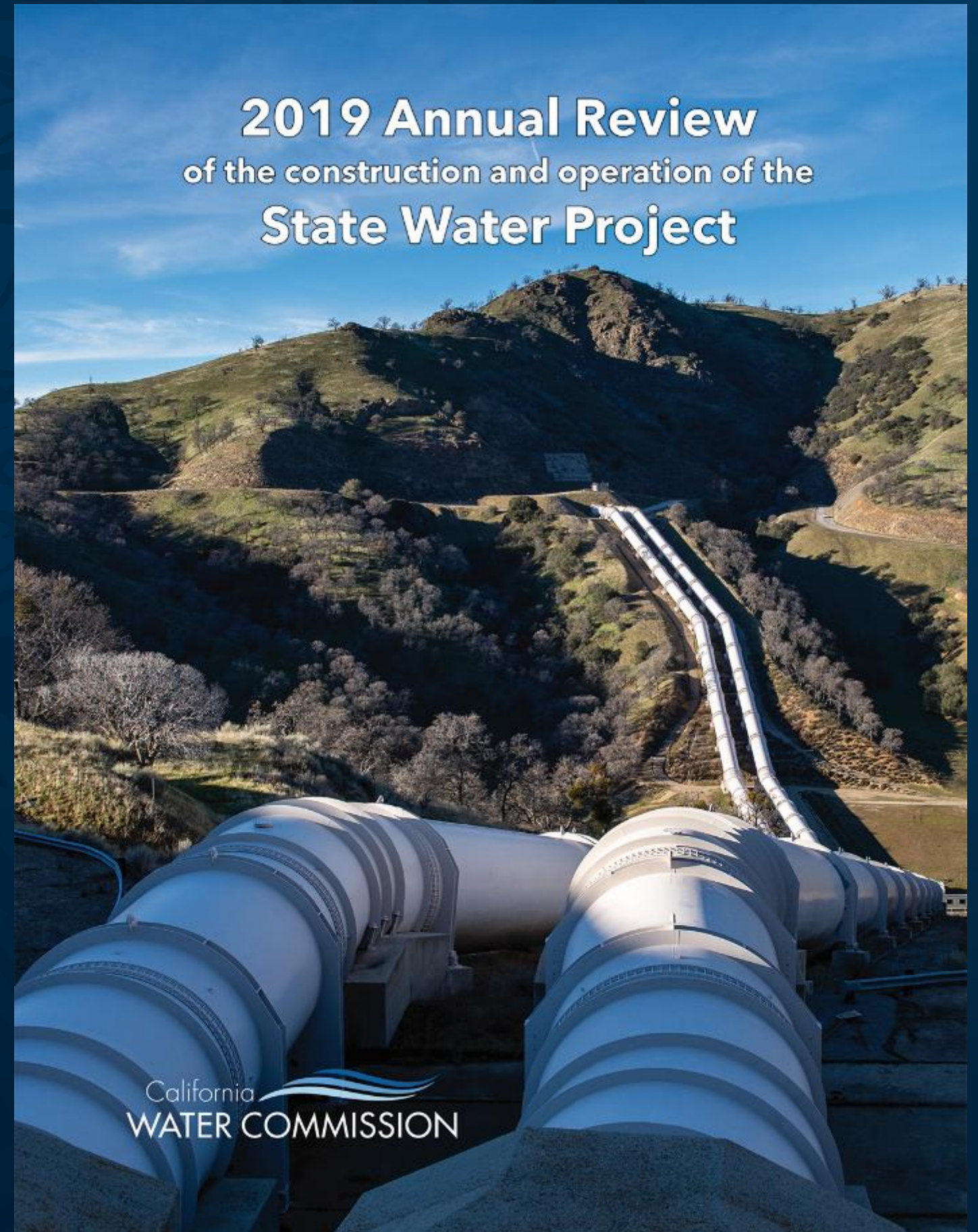
*Winter-run and spring-run
Chinook salmon*



Delta smelt

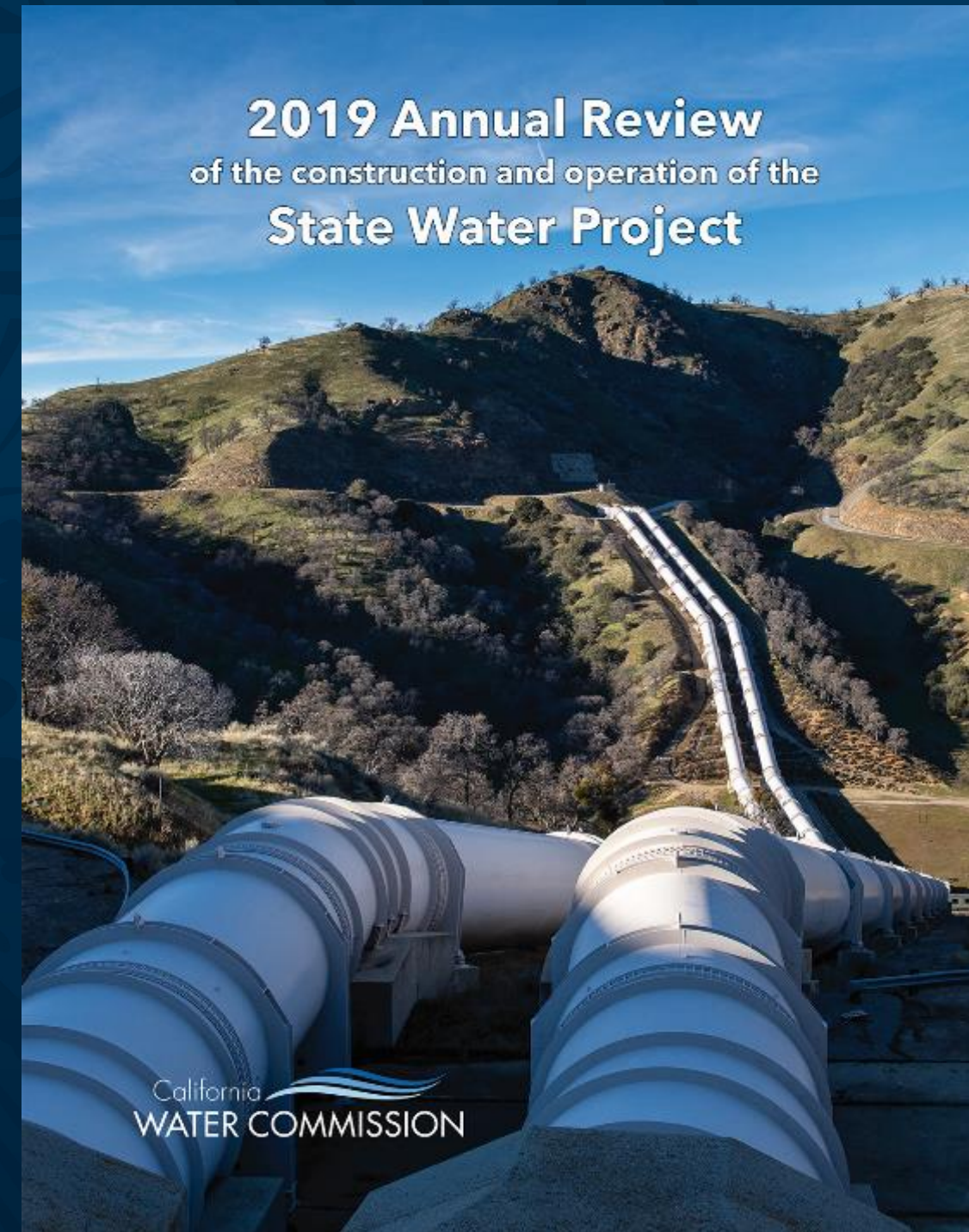
2019 Review: Key Issues for the State Water Project

- Climate Change Vulnerability
- Executive Order N-10-19
- Oroville Spillway Recovery Project
- Water Deliveries and Power
- Dam Safety
- Incidental Take Permit for the SWP
- Forecast Informed Reservoir Operations
- Aqueduct Subsidence
- Ecosystem Restoration
- Construction Projects

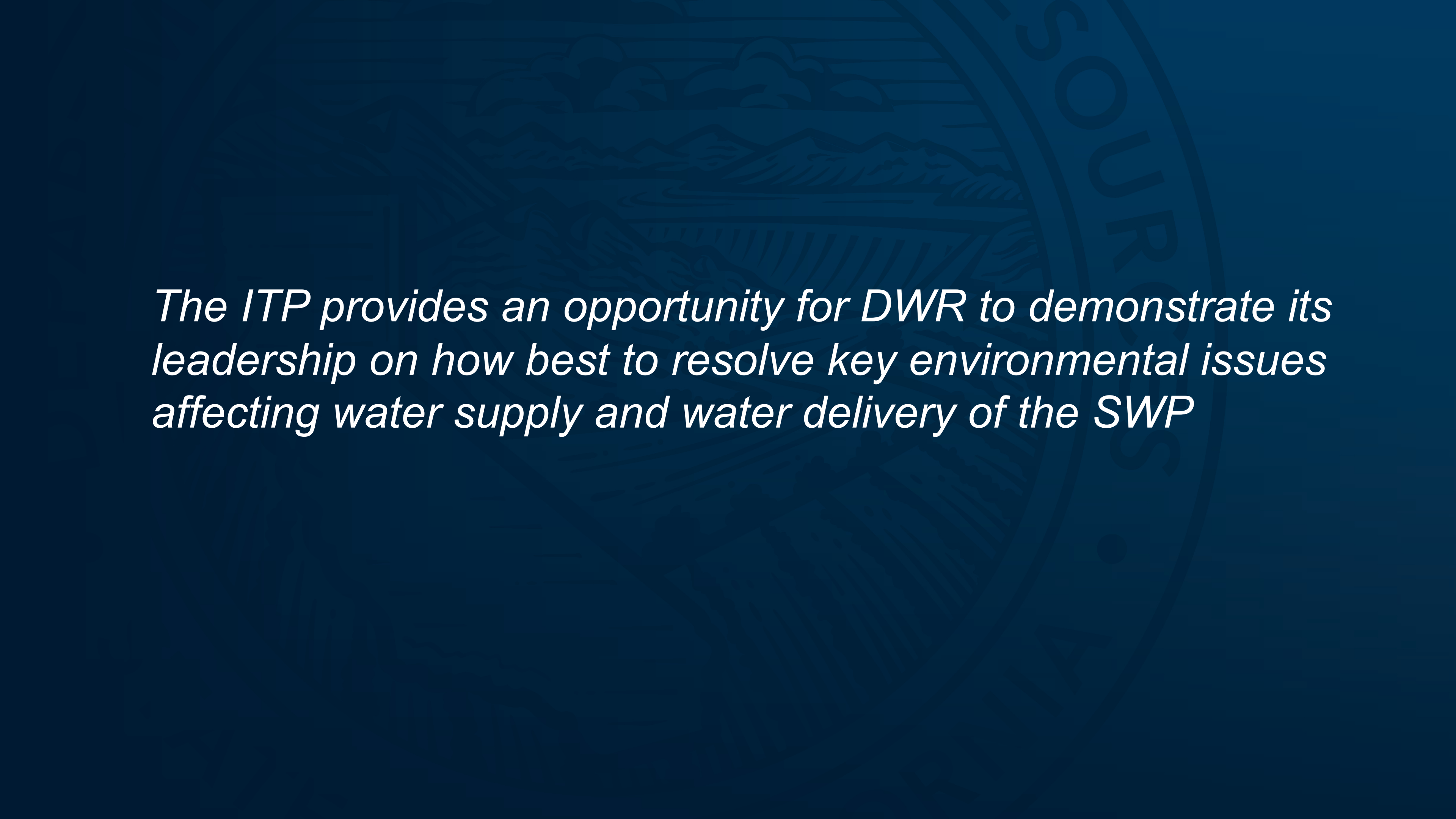


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Recommendation: DWR and CDFW brief the Commission on how the ITP will affect SWP operations, as well as the condition of the four state-listed species



The ITP provides an opportunity for DWR to demonstrate its leadership on how best to resolve key environmental issues affecting water supply and water delivery of the SWP

How Does the ITP affect SWP initiatives now and in the future?

New science to inform future regulatory permits



Delta Conveyance Project

How Does the ITP Affect SWP initiatives now and in the future?

Habitat restoration and fish passage



Tidal Marsh Restoration



Upstream Habitat Restoration



Floodplain access

How Does the ITP Affect SWP initiatives now and in the future?

Species management



Improved population estimates

How Does the ITP Affect SWP initiatives now and in the future?

*Water operation flexibility and
water delivery reliability*



Harvey O. Banks Pumping Plant

How Does the ITP Affect SWP initiatives now and in the future?

Climate change



DWR snowpack survey

Celebrate Early Success

DWR finalized key ITP work plans in December



Longfin Smelt Science Plan



Juvenile Spring-run Management Plan

What happens when the ITP expires in 2030?

- Renew the ITP for another 10 years or until Delta Conveyance initiates
 - Will include updated science and monitoring objectives from current ITP adaptive management program
 - Understand restoration value for endangered species
 - Have better tools for managing endangered species at the SWP pumping facilities



Questions?