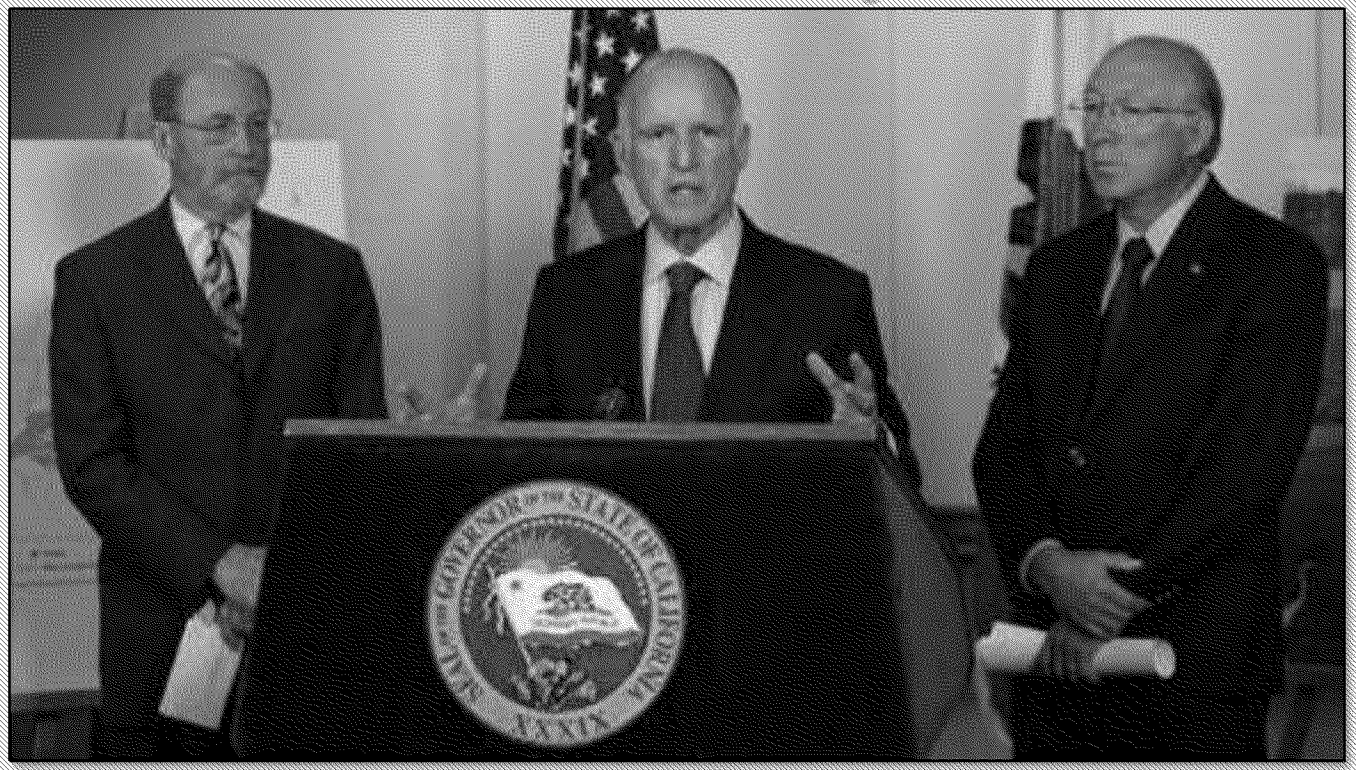
Review of Bay Delta Conservation Plan Joint State/Federal Proposal

Water Planning and Stewardship Committee
and Special Committee on Bay-Delta
Item 11a
August 20, 2012

BDCP Joint Recommendation Announced July 25, 2012



John Laird, California Secretary for Natural Resources
Jerry Brown, California Governor
Ken Salazar, United States Secretary of the Interior

Eric Schwaab, Assistant Administrator, NOAA Fisheries (not pictured)

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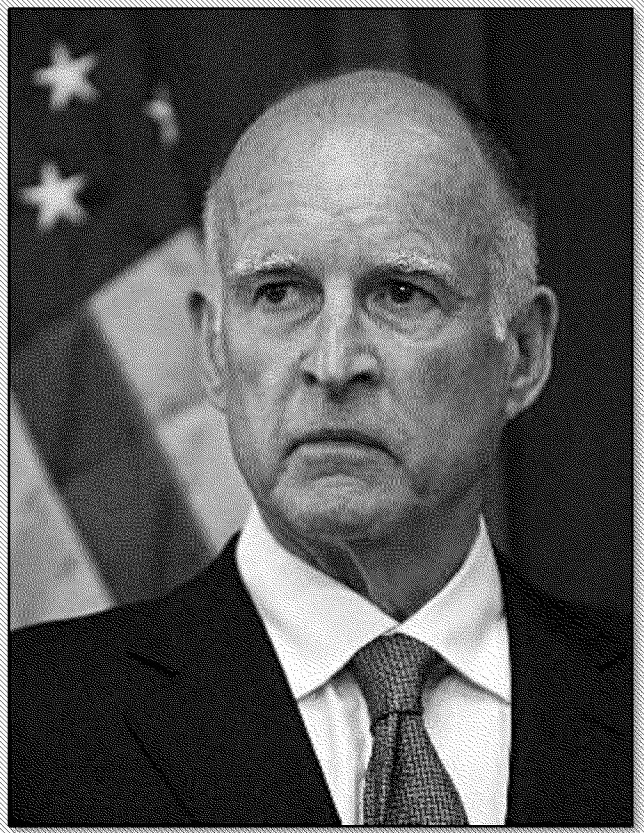
BDCP Announcement



A healthy delta ecosystem and a reliable water supply are profoundly important to California's future. This proposal balances the concerns of those who live and work in the Delta, those who rely on it for water and those who appreciate its beauty, fish and waterfowl and wildlife. This is all about California's future.

– Governor Jerry Brown

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BDCP Announcement

We are one in moving forward to solve the problems that have bedeviled this state for the longest of time with the epic water wars which have been a part of this state for more than 5 or 6 decades.

As we move forward together with a blue print for the future, it is a real blue print and we are committed to making sure that we get it across the finish line.

— Secretary of the Interior Ken Salazar

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BDCP Announcement

NOAA strongly believes that the successful completion of the Bay Delta Conservation Plan provides the most promising pathway for meeting the co-equal goals of restoring the Delta and improving water supply reliability.

—Eric Schwaab,

Assistant Administrator for NOAA Fisheries

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BDCP Announcement Materials Released July 25, 2012

- Press release
- California's Water Future Framework Brochure
- Joint Announcement Q&A
- July 16, 2012 Joint Recommendations Working Draft
- Current Conditions for Fish Compared to the BDCP Fact Sheet
- Announcement audio and video recordings
- KQED Radio Segment
- Announcement Poster Board Displays

All materials available at http://baydeltaconservationplan.com

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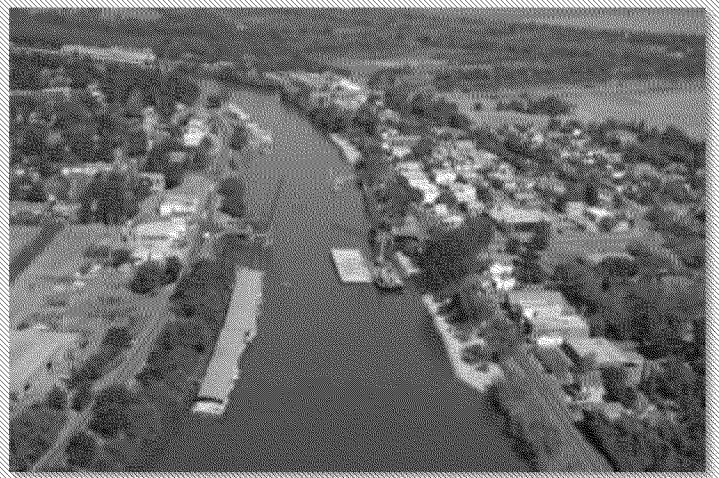
BDCP Joint State/Federal Proposal

- Water Supply
  - North Delta diversion facilities
    - 9,000 cfs
    - 3 river intakes
    - Twin gravity tunnels (35 miles)
- Habitat Restoration
  - Up to 113,000 acres
- Other Stressors
  - Toxic pollutants
  - Invasive species
  - Predator control
  - Illegal poaching
  - Hatchery practices



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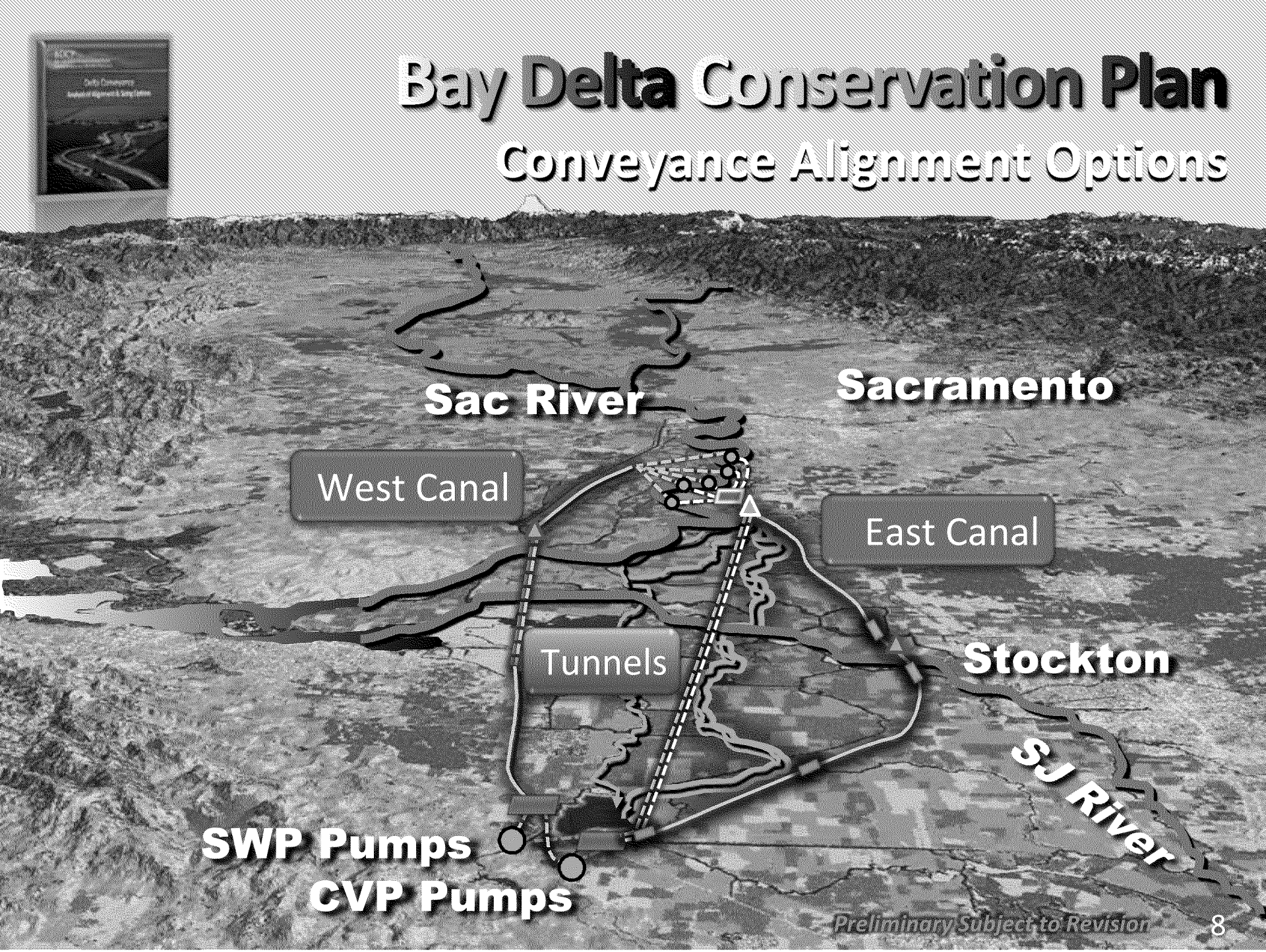
Bay Delta Conservation Plan

Conveyance Alignment Options



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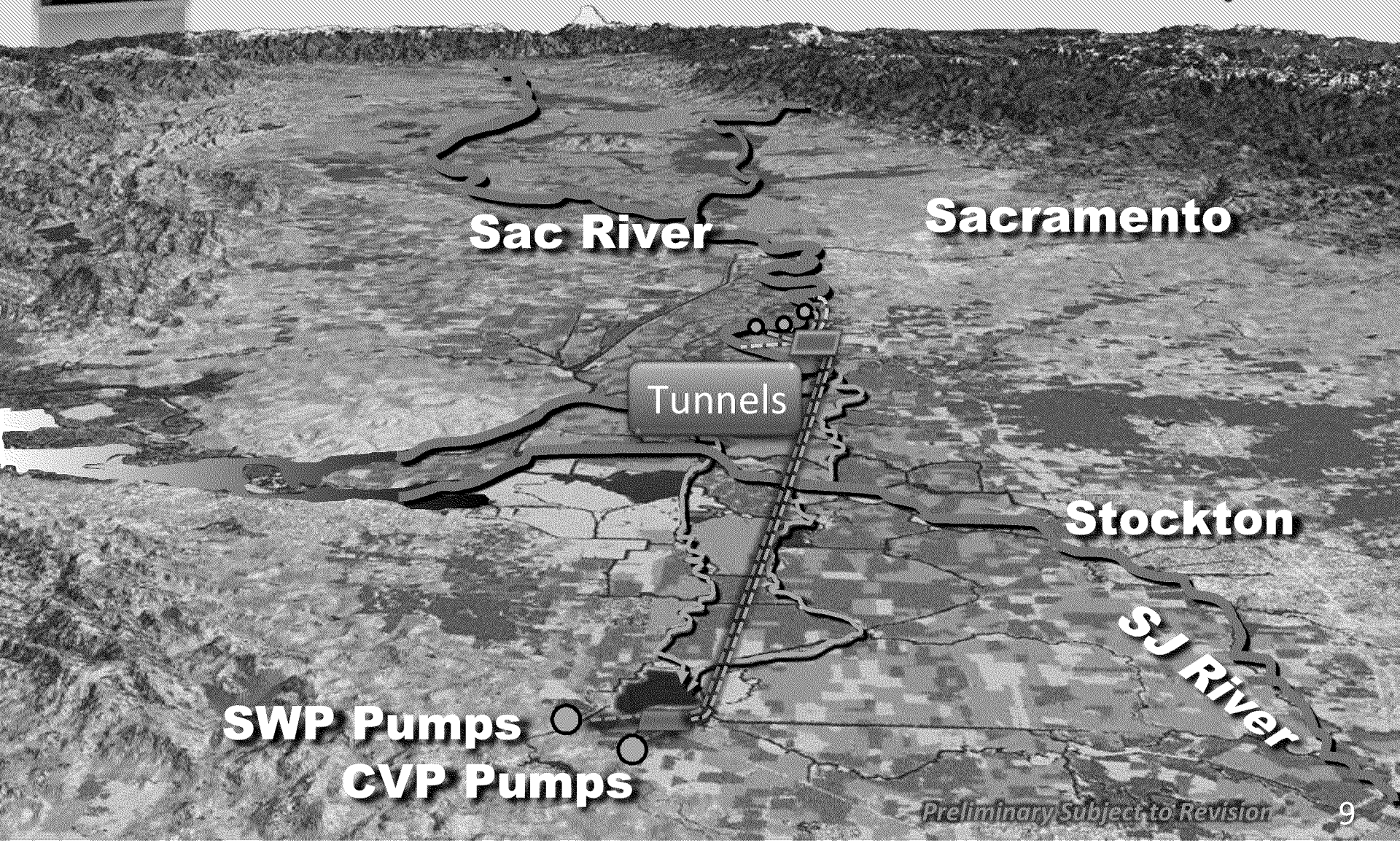
Bay Delta Conservation Plan

State/Federal Joint Proposal



Preliminary Subject to Revision

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BDCP Joint State/Federal Proposal Proposed Conveyance

- Three pumping plants
- Two gravity flow tunnels (35 miles each)
- 9,000 cfs
- State-of-the-art fish screens
- Forebay temporarily stores water pumped from river

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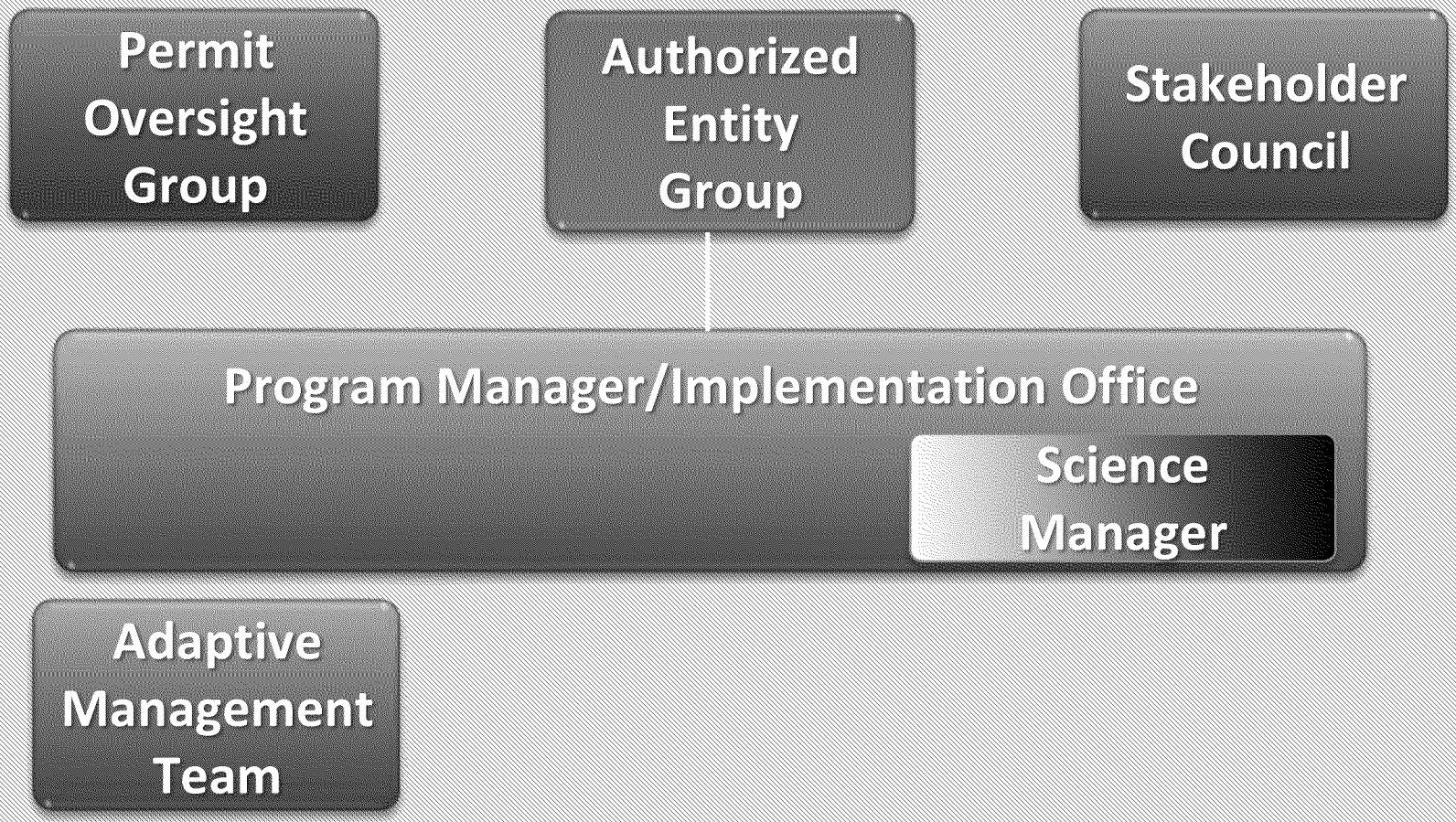
BDCP Joint State/Federal Proposal

- Cooperation and Governance
  - Open, transparent and inclusive process
  - Affected parties have a role in governance/implementation



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BDCP Joint State/Federal Proposal

- Science
  - Neutral and informative role
  - Guides restoration of ecosystem and water exports
- Adaptive Management
  - Ensure flexibility to address factors affecting the Delta
    - Biology and water supplies
  - Led by the Science Manager
  - Made up of representatives from State and Federal agencies, public water agencies, Interagency Ecological Program, Delta Science Panel and others
  - Decision tree

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BDCP Joint State/Federal Proposal

- Ecological Conservation
  - 214 biological goals/objectives
    - 57 species
  - Accelerated habitat restoration
    - 30,000 acres of aquatic habitat over the next 15 years

Restoration & Preservation	Targets
New Floodplain	Up to 10,000 ac
Tidal Habitat	Up to 65,000 ac
Channel Margin	20 Levee Miles
Riparian	Up to 5,000 ac
Grassland	Up to 10,000 ac
Other *(Vernal Pool, Nontidal Marsh and Alkali Seasonal Wetland)*	Up to 13,000 ac
TOTAL	113,000 ac

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BDCP Joint State/Federal Proposal

- Improved Statewide Water Management
  - Integrated Water Management
  - Reduce water demand
  - Increase water supply
  - Improve operations efficiency
  - Recognizes progress in Water Use Efficiency and incorporates Metropolitan Water District and Santa Clara Valley Water District goals

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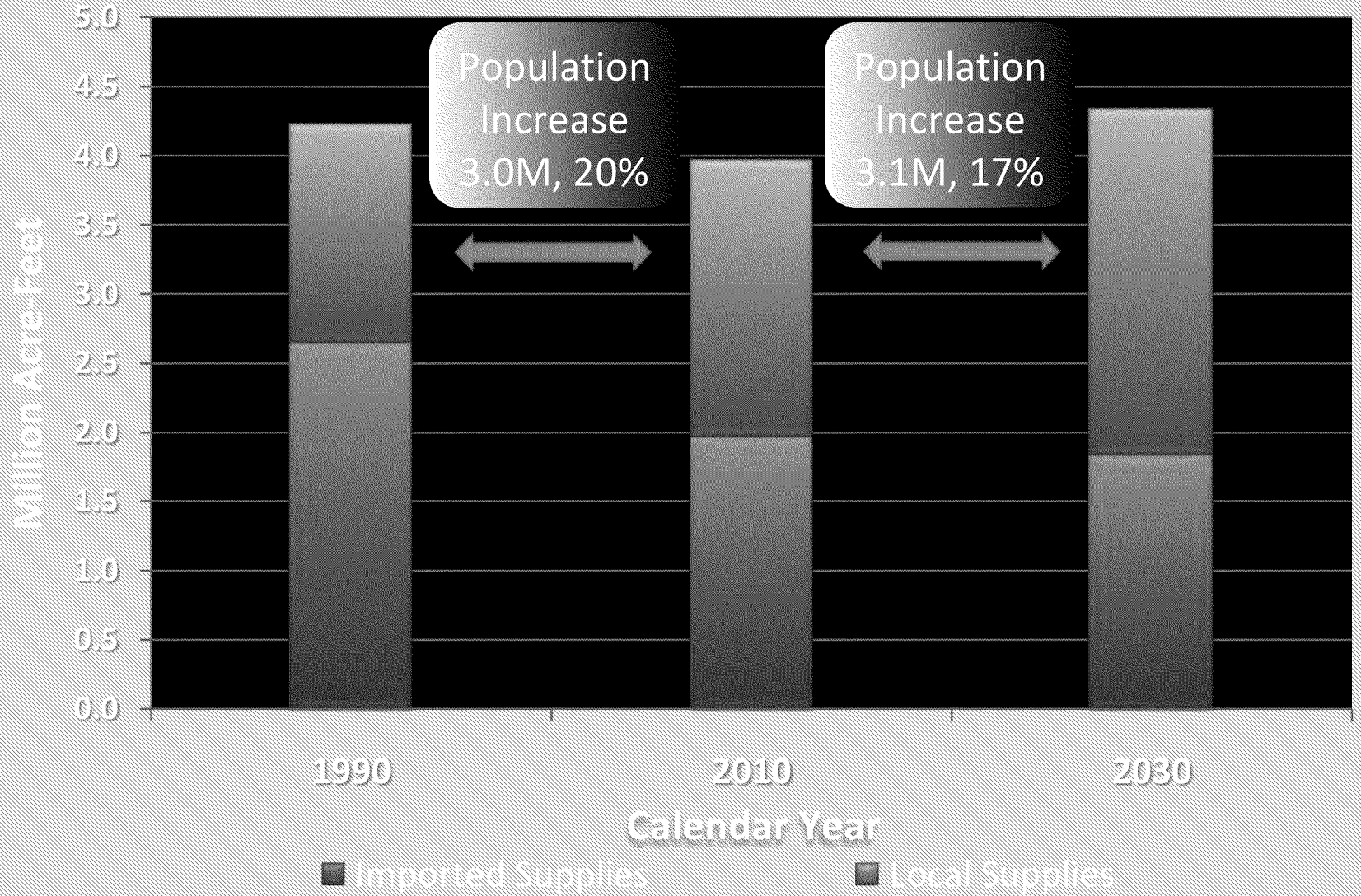
Total Retail Demand



2010 was a unique year, with very low water use, as a result of numerous factors (end of a 3-year drought, ongoing Delta pumping restrictions, and an economic downturn)

BDCP Joint State/Federal Proposal

- Finance
  - User pay (new facility and associated mitigation)
  - Habitat conservation primarily paid by State/Federal government

Improvements	Capital Costs*	O&M Costs* (Annual)	Funding Source
Conveyance	$13 billion	$83 million	Water Contractors
Eco-Restoration & Other Stressors	$3.6 billion	$46 million	Fed/State/Water Contractors/Other

**Cost is based on 2010 mid-point estimate*
15,000 cfs pipeline/tunnel conveyance

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BDCP Joint State/Federal Proposal

- Sustaining Delta Communities
  - Preserve unique communities
  - State/Federal continued investment in the Delta for flood protection, community development and biological restoration
- Protecting Upstream Water Users
  - No effects on water rights/water use

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Moving Forward

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Bay Delta Conservation Plan

Federal Agencies

- Council on Environmental Quality
- Department of Interior
- Department of Commerce
- Department of Agriculture
- US Environmental Protection Agency
- Department of the Army

State Agencies

- Natural Resources Agency
- Department of Water Resources
- Department of Fish/Game

Public Water Agencies

- State Water Contractors
- Central Valley Project Contractors

Environmental Organizations

- American Rivers
- Defenders of Wildlife
- Environmental Defense
- Natural Heritage Institute
- The Bay Institute
- The Nature Conservancy

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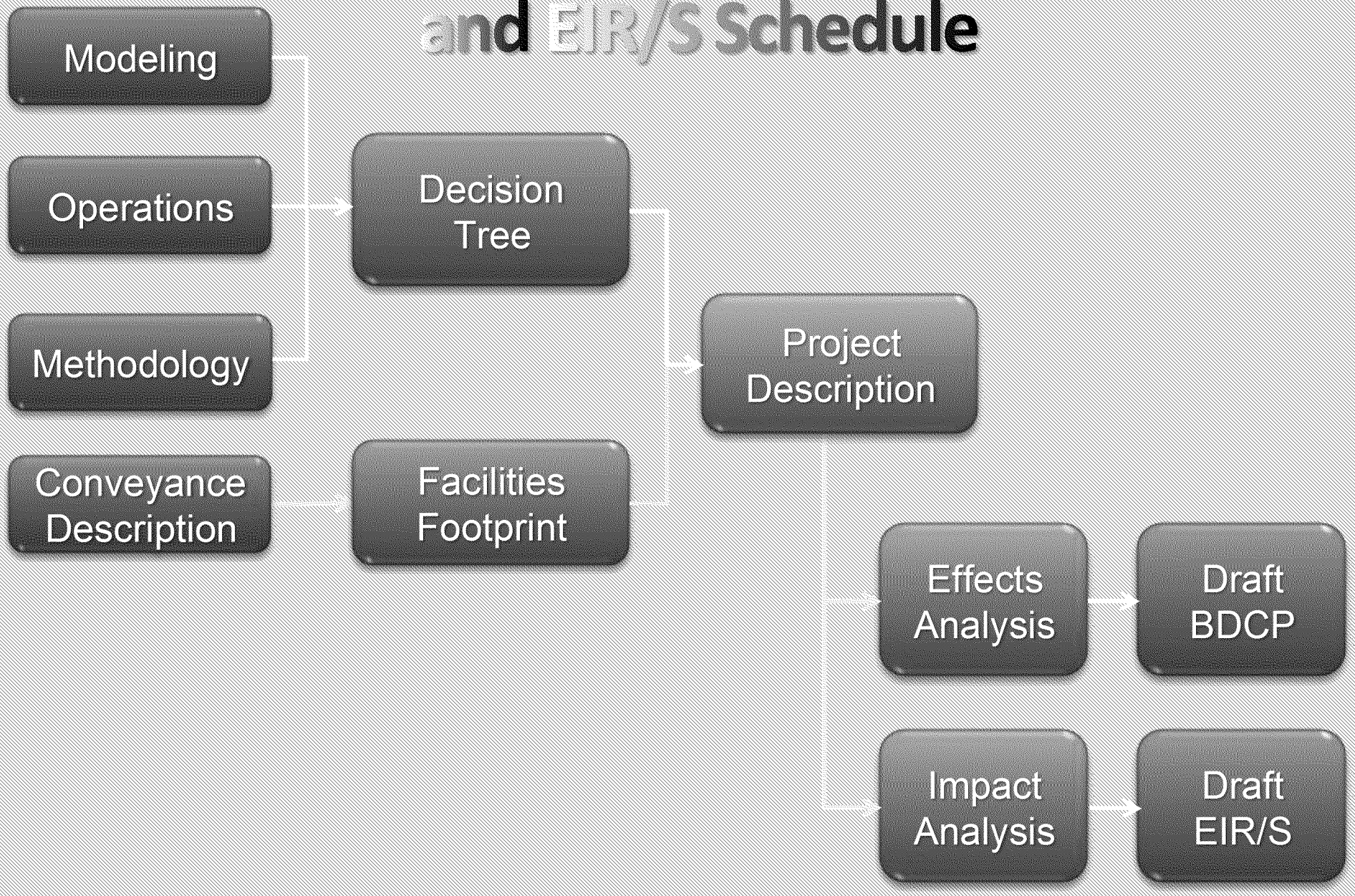
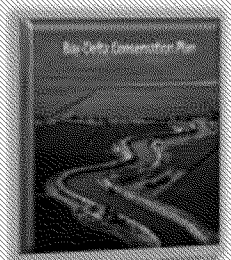
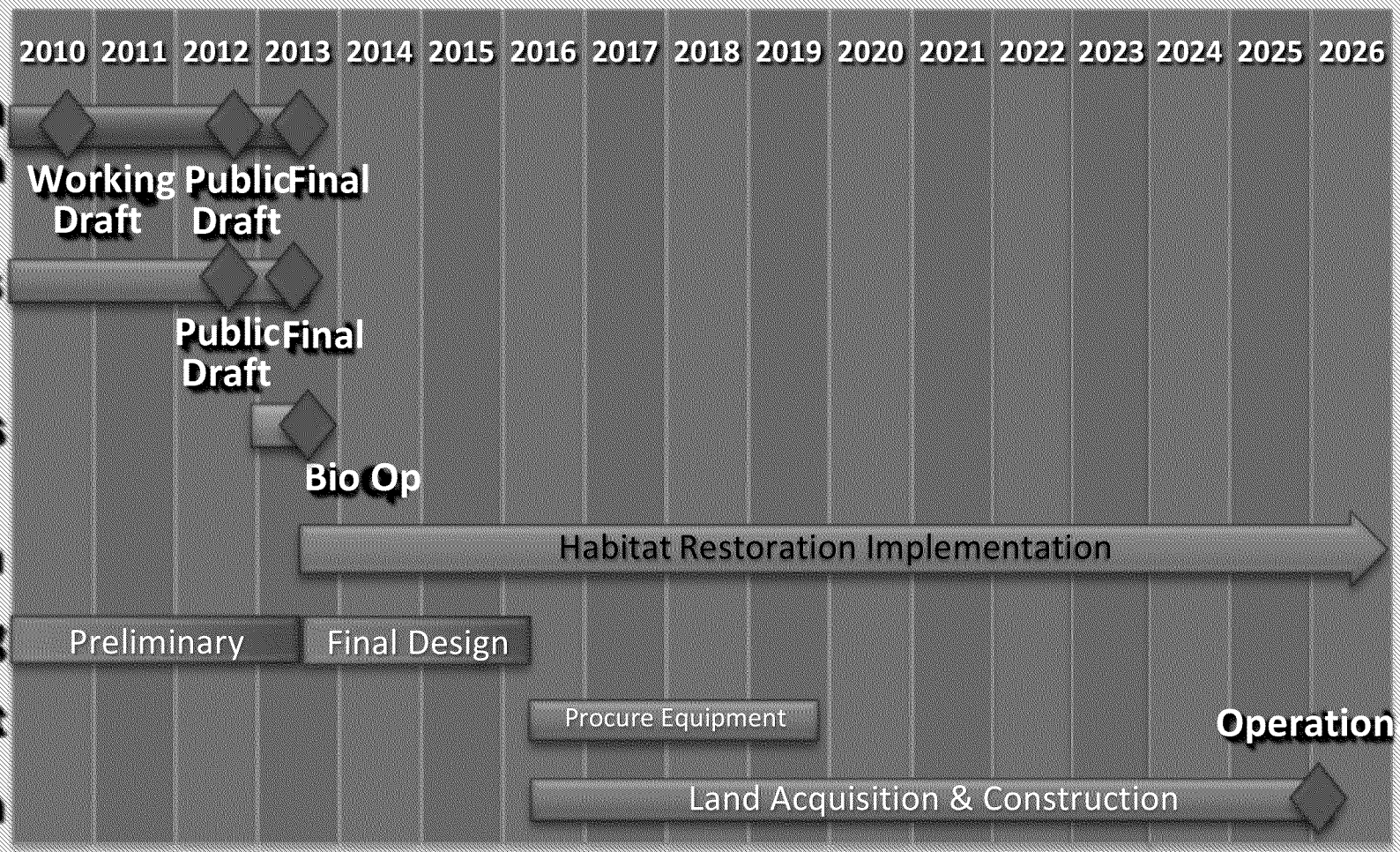
Decision Impacts to BDCP and EIR/S Schedule





BDCP
Bay Delta Conservation Plan
Plan Development Schedule



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