What is the BDCP?

Multiple species, contribute to long-recovery + Conservation Strategy + Aspects of implementation + Conservation Plan =

Water supply reliability

Stable and healthy fish populations

ESA - HCP

NCCPA - NCCP
Covered Species

- Delta smelt
- Longfin smelt
- Chinook salmon
  - winter, spring, fall and late fall
- Green and white sturgeon
- Central valley steelhead
- Sacramento splittail
- 37 terrestrial species
Identifying Conservation Measures

**Biological Goals & Objectives For Covered Fish Species**
- Improve survival
- Improve fitness
- Improve distribution
- Improve growth rate
- Decrease mortality

**Habitat Restoration Conservation Actions**
- Phytoplankton and zooplankton (fish food)
- Spawning and rearing

**Other Stressors Conservation Actions**
- Reduce contaminants
- Reduce predation effects
- Improve fish passage
- Reduce Disease
- Reduce non-natives

**Water Operations Conservation Actions**
- Improve water quality
- Reduce entrainment
- Improve water flow and habitat conditions
Dual Conveyance Flow and Habitat Fundamentals

1. East/west flow pattern
2. Habitat interaction
3. Water reliability and quality

- SWP Pumps
- CVP Pumps
- Ocean/Tidal High salinity
Flow and Habitat Fundamentals

1. Aligning water operations to mimic natural seasonal flows
2. Improving flow in the estuary
3. Linking flows with newly created habitat
4. Protecting fish with state of the art fish screens
5. Continued strategic operation of pumps in south Delta to help maintain in-Delta water quality, but reduce fish impacts of south Delta water diversions
### Draft Conservation Strategy – Major Elements

#### Habitat Restoration
- Up to 80,000 acres tidal marsh, riparian, and floodplain
- Enhanced floodplain in the Yolo Bypass - temporary inundation
- 20 miles channel restoration

#### Water Facilities & Operations
- **North Delta diversion**
  - 5 intakes
  - 15,000 cfs conveyance design capacity
  - Minimum flows to ensure healthy habitat and water quality
  - Sacramento River flows are always greater than exports
- **South Delta flows**
  - Reduce reverse flows
- **Outflow**
- **Other rules**
  - Delta cross channel
  - Inflows

#### Other Stressors
- Scientific evaluation of ammonia and endocrine disruptors
- Reduce methylmercury
- Support existing programs to reduce agricultural and urban runoff
- Support detection and removal of invasive species
- Improve hatcheries, allow greater controlled harvest of species in some areas of Delta
Key Issues

• Determine how best to operate thru-Delta water conveyance for fish, in-Delta water quality and exports
• Refine initial ideas about how best to operate a dual conveyance facility for fish, in-Delta water quality and exports
• Determine design aspects of an isolated facility
Key Issues

- Refine initial approaches to habitat restoration
  - Compatibility with existing and planned future land uses; integrating with other Delta conservation efforts
- Determine conservation measures to address terrestrial species
- Cost and financing
- By whom and how the plan would be implemented
Public Input

• Delta Community Workshops
  – Brentwood, September 19 (Tentative)
  – Stockton, September 22
  – West Sacramento, September 26
  – Walnut Grove, September 29

• Ongoing Steering Committee Meetings
• Ongoing Stakeholder briefings
• Outreach to tribes

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