

Overview of Upcoming BDCP Chapter 4 Covered Activities

SAIC

Presentation to
BDCP Steering Committee
October 8, 2009

Why Identify Covered Activities?

- Need for incidental take authorization under federal ESA and California NCCPA/ESA
- Covered activities involve otherwise lawful actions and projects that could result in take of covered species incidental to such actions and projects.

Permitted/Authorized Entities for BDCP Covered Activities

- DWR and State Water Contractors
- Reclamation and Federal Water Contractors
- Mirant Corporation
- BDCP Implementing Entities

Major Types of Covered Activities

- Existing facilities operations and maintenance
- Water use for power plant cooling
- New facilities construction, operation, and maintenance
- Habitat restoration
- Activities to reduce contaminants
- Activities to reduce predators and other sources of direct mortality
- Other conservation actions

Water Diversions

- State Water Project (SWP) – maximum diversions allowable under rights, permits, and contracts
- Central Valley Project (CVP) – maximum diversions allowable under rights, permits, and contracts

Existing Facilities Operations and Maintenance

- Clifton Court Forebay
- Banks Pumping Plant
- Jones Pumping Plant
- Delta Cross Channel
- Skinner Fish Facility
- Etc.

Water Use for Power Plant Cooling – Mirant Corporation

- Pittsburg Power Plant
- Contra Costa Power Plant

New Facilities Construction, Operation, and Maintenance

- North Delta diversions and fish screens
- Isolated conveyance facility and dual operations
- Fremont Weir gates
- Etc.

Habitat Restoration and Enhancement

- Tidal marsh
- Riparian habitat
- Channel margin habitat
- Floodplain
- Non-tidal wetlands
- Terrestrial habitats

Activities to Reduce Contaminants

- Methyl mercury
- Agricultural pesticides & herbicides
- Stormwater & urban runoff contaminants
- Based on study results, ammonia/ium and Endocrine disruptors

Activities to Reduce Predators and Other Sources of Direct Mortality

- Reduce introductions of non-natives
- Remove submerged and floating aquatic vegetation
- Increase harvest of predatory fish
- Conduct localized predator control
- Screening of non-Project diversions
- Install behavioral barriers to direct fish from sources of predation and entrainment

Other Conservation Actions

- Construction of conservation hatchery facilities
- Install oxygen diffusers in Stockton Ship Channel
- Etc.

NEXT STEPS

- Chapter 4 *Covered Activities* to be provided to Steering Committee by October 16 (Web posting)
- Additional Discussion at October 22 Steering Committee meeting

Questions & Comments