

South Delta Improvements

BDPAC

Water Supply Subcommittee

November 12, 2003

Proposal for Improved CVP/SWP Integrated Operations

Water Supply Reliability Improvements

- South Delta Improvement Program
 - Banks 8500 cfs
 - Permanent, operable barriers
 - Dredging in South Delta
 - Increased yield averaging 190,000 af (50/50 SWP/CVP)
 - Includes an average of 60,000 af due to project integration
- CVP/SWP Intertie (400 cfs)
 - Increased yield averaging 60,000 af (CVP)

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Water Quality Improvements

Before implementation of increased exports, must reach agreement on program that will not harm in-Delta water users and will include implementation of key Delta water quality and water level improvement projects

- South Delta Improvement Program is designed to ensure water of adequate quality and quantity for south Delta agricultural users
 - Permanent operable barriers, extend agricultural diversions, local dredging
- Other water quality projects under consideration include:
 - Veale and Byron Tracts agricultural drain relocations
 - Contra Costa Canal lining
 - Frank's Tract improvements
 - San Joaquin River restoration, source control and recirculation
 - Solution to dissolved oxygen problem at Stockton Deep Water Channel

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Environmental Water Account

Three step process to reach agreement on long-term EWA

- Determine necessary EWA assets to provide protection to the fish of the Bay-Delta estuary through environmentally beneficial changes in SWP/CVP operations at no uncompensated water cost to the projects' water users
 - Fixed assets – combination of capital projects and water purchases
 - Variable assets – ways to store, convey, spill debt and exchange assets on a long-term basis
 - Tentative agreement reached between Management and Project agencies on characteristics of long-term EWA
- Viable financing plan for long-term EWA
 - Currently reviewing funding options
- Operating rules and principles for EWA
 - Final step is to adequately document operating rules and principles for long-term EWA decision

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Next steps.

- Continued stakeholder involvement through the BDPAC Water Supply Sub-Committee.
- Finalize the characteristics, funding source and operating principals for a long-term EWA.
- Incorporate key Delta water quality improvement projects into Integrated Key Milestone schedule

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Key Dates

- ❑ October 2003
 - ❑ Define long-term EWA package
- ❑ December 2003
 - ❑ SDIP public draft EIR/S
 - ❑ CVP/SWP Intertie draft EA/IS
- ❑ January 2004
 - ❑ Final OCAP/biological assessment
- ❑ June 2004
 - ❑ Final biological opinions on OCAP & SDIP
 - ❑ Final agreement on long-term EWA
- ❑ August 2004
 - ❑ Final SDIP Record of Decision