

RECLAMATION

Managing Water in the West

CVP/SWP OCAP and Biological Assessment Public Information Meeting

October 7, 2004
10 a.m. – 1 p.m.



U.S. Department of the Interior
Bureau of Reclamation

Meeting Agenda

- **Welcome & Introduction**
- **OCAP & ESA Consultation**
- **Biological Assessment**
- **Related Public Processes**
- **Open Discussion**

Meeting Purpose & Objectives

- Explain the relationship of the OCAP, BA, BOs
- Provide ESA Consultation Status and Schedule
- Explain CVP/SWP current and future operations
- Explain contents of the BA

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Operations Criteria and Plan (OCAP) Purpose

- Documents CVP operations
- Provides basis for BA project description
 - Developed in 1992 for the winter-run Chinook salmon BA
- Documents changes since 1992

OCAP Document

- Not a NEPA/CEQA decision document
- Provides detailed project description of CVP/SWP
- Explains regulatory and legal requirements
- Includes project operations constraints and objectives
- Presents historic modeling (1991 to present)
- Explains forecasting process

Biological Assessment

- Consultation information document
- Not a NEPA/CEQA decision document
- Identification of existing and potential actions
- Analyses of effects on listed species from CVP/SWP operations

ESA Consultation

- **Section 7(a)(2) consultation with FWS & NOAA Fisheries**
- **Addresses combined major hydrologic operations of the CVP/SWP**
- **Reclamation lead Federal agency**
- **DWR lead State agency**

History of Key Listings

- **Winter-run Chinook Salmon**
 - NOAA Fisheries listed as threatened in 1990, endangered in 1994
- **Delta Smelt**
 - FWS listed as threatened 1993
- **Coho Salmon (in the Trinity River)**
 - NOAA Fisheries listed as threatened in 1997
- **Steelhead**
 - NOAA Fisheries listed as threatened in 1998
- **Spring-run Chinook Salmon**
 - NOAA Fisheries listed as threatened in 1999

Reason for Consultation

- **CVP/SWP operations affect listed species**
 - Primarily coho salmon, winter-run and spring-run Chinook salmon, steelhead, and Delta smelt
- **Long-Term BOs date from 1993 & 1995**
- **Interim BO on spring-run/steelhead**

Why Update Now?

- Long-term water supply contract renewals
- Long-term opinions on the listed species
- CVP/SWP operations with new projects
- Bring consultations on all the listed species to a common point

ESA Consultation Chronology

- **2002 – decision to do a comprehensive ESA consultation**
- **June 16, 2003 – public information meeting, draft documents available**
- **November 25, 2003 – public information meeting & status for BA, SDIP, EWA & other CALFED activities**
- **February 2004 – BA modeling posted**

ESA Consultation Chronology (cont'd)

- **Informal consultation – Feb 13, 2004**
- **Initiate consultation – March 15, 2004**
- **Public release of BA – March 22, 2004**
- **Public release of revised OCAP & BA – June 30, 2004**
- **Received FWS BO July 30, 2004**
- **Complete NOAA Fisheries Consultation (Oct 2004)**

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Biological Assessment

- **Description of action**
- **Biology of listed species**
- **Modeling present and future conditions**
- **Effects analyses**
- **Ongoing actions to reduce effects**

Description of Action

- **Formal consultation actions**
 - Results in Biological Opinions
- **Early consultation actions**
 - Results in Preliminary Biological Opinions
 - Requires consistency between BO and NEPA/CEQA documentation

Formal Consultation Actions

- **CVP/SWP operations**
- **Trinity River flows**
- **Freeport diversions**
- **DMC/CA Intertie**

CVP/SWP Operations

- **Water right permits and existing capabilities**
- **CVPIA Section 3406 (b)(2) and CALFED EWA**
- **CVP/SWP coordinated operations**
- **Water transfers**
- **Joint Point of Diversion**

Trinity River Flows

- **Trinity ROD signed December 19, 2000**
 - Increased releases to the Trinity River of 369-815 TAF/year
- **Litigation followed**
- **Draft Supplemental EIR/S released April 27, 2004**
- **Ninth Circuit Court Appeals July 13, 2004, Court Opinion**

Freeport Diversion

- **Diversion downstream of the confluence of the American River with the Sacramento River**
- **EBMUD treated as an exporter**
- **Sacramento County Water Agency treated as an in-basin user**
- **Final EIR/S April 2004**
- **ROD pending completion of BOs**

DMC/CA Intertie

- **Capacity 400 CFS**
- **Allows Tracy pumping plant to pump at full capacity of 4600 cfs**
- **To be operated by the SLDMW Authority with the agreement of Reclamation and DWR**
- **Environmental Assessment/Initial Study Late 2004**

Why do Early Consultation?

- **Makes efficient use of agency staff**
- **Provides a “heads up” of potential issues**
- **These actions will be revisited after NEPA/CEQA completed**

Early Consultation Actions

- **Operational components of South Delta Improvement Project (SDIP)**
- **CVP/SWP operational integration**
- **Long-Term EWA**

SDIP Operational Components

- **Banks operation at 8500 cfs**
- **Operation of permanent barriers**
- **DWR lead State agency**
- **Reclamation lead Federal agency**
- **Draft EIR/S January 2005**

CVP/SWP Operational Integration

- **Convey water for Reclamation at SWP**
- **Adjust in-basin obligations**
- **Upstream reservoir coordination**
- **Maximize use of San Luis Reservoir storage**

Long-Term EWA

- **Process underway for the long-term EWA**
- **Assumes a program similar to what has been done in the short-term program**

OCAP BA Studies

Study	Name	Level of Development	Trinity Flows	SDIP	CVP/SWP Integration	Freeport	Intertie
1	D1641 with b(2)	(2001 LOD)	340,000 AF/year				
2	Today b(2)	Same as Above	368,600-453,000 AF/year				
3	Today EWA	Same as Above	Same as Above				
4	Future SDIP	(2020 LOD)	368,600-815,000 AF/yr	X	X	X	X
4a	Future b(2)	Same as Above	Same as Above			X	X
5	Future EWA	Same as Above	Same as Above	X	X	X	X
5a	Future EWA 6680 cfs	Same as Above	Same as Above			X	X

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4	Future SDIP	(2020 LOD)	368,600-815,000 AF/yr	X	X	X	X
4a	Future b(2)	Same as Above	Same as Above			X	X
5	Future EWA	Same as Above	Same as Above	X	X	X	X
5a	Future EWA 6680 cfs	Same as Above	Same as Above			X	X

American River Assumptions

- Increase in future demands, assuming a Water Forum sort of demand
- Flow in the American River from the FWS's (b)(2) actions

Biological Assessment

- Description of action
- **Biology of listed species**
- Modeling present and future conditions
- **Effects analyses**
- **Ongoing actions to reduce effects**

Informal Consultation Process

- **Issues**
- **Information**
- **Analytical methods and assumptions**
- **Actions to reduce effects**

Biology of Listed Species

- Life history
- Historical and current species distributions
- Historical and current species abundance
- Factors affecting species distribution and abundance

Effects Analysis

- **Determine habitat conditions affected by projects**
- **Compare conditions to species needs**
- **Estimate “take” of species**

Effects Determination

- CVP/SWP controlled streams
- Delta

Actions to Address CVP/SWP Impacts

- **CVPIA**
- **SWP 4-Pumps Agreement**
- **Tracy Pumping Plant Agreement**
- **California Bay-Delta Authority**

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Related Public Processes

Formal Consultation

Action	Public Process	Status
On-going CVP/SWP Operations	CALFED Ops Group	On-going
Water Transfers	NEPA/CEQA & SWRCB Approval	As needed
Joint Point of Diversion	CEQA & SWRCB Approval	Completed EIR
EWA (through 2007)	NEPA/CEQA	Completed EIR/S 2004
New Projects		
Trinity River Flows	NEPA/CEQA	Completed EIR/S 2000 ROD
Freeport Diversion	NEPA/CEQA	Completed EIR/S April 2004, ROD pending
DMC/CA Intertie	NEPA/CEQA	Draft EA/IS to be released late 2004

Related Public Processes

Early Consultation

Action	Public Process	Status
South Delta Improvement Program 8500 cfs at Banks Pumping Plant Permanent Barrier Operations Wheel 100 TAF of refuge water for CVP Shift up to 75 TAF of inbasin demands to CVP	NEPA/CEQA	EIR/S to be completed 2005

Related Public Processes

Early Consultation (cont)

Action	Public Process	Status
<p>Intermediate Integrated Operations</p> <p>JPOD for 50 TAF of CVP Wheeling</p> <p>CVP to cover 37.5 TAF additional inbasin demands</p> <p>Source shifting agreements to bolster San Luis storage</p>	<p>NEPA/CEQA</p>	<p>EA/IS to be completed 2005</p>
<p>Use of Shasta storage</p>	<p>NEPA/CEQA</p>	<p>TBD</p>
<p>Long-Term EWA</p>	<p>NEPA/CEQA</p>	<p>EIR/S to be completed 2006</p>

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Thank You

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