

# 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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| 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<br><br>8500 cfs at Banks Pumping Plant<br><br>Permanent Barrier Operations<br><br>Wheel 100 TAF of refuge water for CVP<br><br>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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