

RECLAMATION

Managing Water in the West

Reinitiation of Consultation Stakeholder Meeting

February 14, 2017



U.S. Department of the Interior
Bureau of Reclamation

Agenda

- **Introduction**
- **Meeting Purpose and Objectives**
- **CVP and SWP Overview**
- **Project Scope**
- **Overview of Regulatory Steps and Products**
- **Role of Stakeholder Engagement**

Meeting Guidelines

- **Q&A following each section of the agenda**
 - First - we will ask for comments from attendees in the room
 - Second - we will ask for comments from attendees on the telephone
- **Respect for presenters and meeting participants**
- **Please help us to stay on topic and on schedule**

Meeting Guidelines

- Listen first to understand
- Allow speakers to finish
- Avoid personal attacks
- Avoid disruptions from personal devices
- Respect agenda scope, topics, and start and end times
- Share question time with others
- Honor meeting participation guidelines and facilitator requests

Meeting Purpose

1) To communicate ROC on LTO

- objectives
- scope
- process

2) To solicit input on the stakeholder engagement process

ROC on LTO Objectives

Why did we reinitiate consultation?

- new information regarding multiple years of drought
- low populations of listed species
- new information from collaborative science processes

What is our goal?

- Coordinated or joint non-jeopardy Biological Opinion(s) so long-term water contracts can be signed

ROC on LTO Status

- **August 2, 2016: Reclamation (lead Federal agency for Section 7), and DWR as the applicant, requested the reinitiation of consultation (ROC) on the Coordinated Long-term Operation of the Central Valley Project and State Water Project (LTO)**
- **August 3, 2016: USFWS responded**
- **August 17, 2016: NMFS responded**

ROC on LTO Status

- **December 30, 2016: A Memorandum of Understanding was signed by Reclamation, USFWS, NMFS, DWR and DFW outlining tasks, processes and schedules to complete the new Biological Assessment (BA) and Biological Opinion(s)**
- **Reclamation is working to hire a contractor**
- **Planning preliminary analysis, agency coordination, and stakeholder engagement**

ROC on LTO Objectives

How will we accomplish our goal?

- **Fresh Look Concept**
- **Biological objectives**
- **Presence Based**
- **Science-based adaptive management**
- **Transparency**
- **Peer review and CSAMP Coordination**
- **Climate change**



Questions?



CVP and SWP Overview

- Trinity Division
- Shasta Division
- Sacramento River
- American River
- Delta Division
- East Side, San Joaquin,
Friant Division



Trinity Division

- **Water is diverted from Trinity River to Sacramento River basin**
 - Lewiston Dam > Whiskeytown Reservoir > Keswick Reservoir
- **Whiskeytown Dam**
 - Power generation, recreation, Sacramento River temperature objectives
- **Clear Creek**
 - CVPIA (b)2, attraction flows, channel maintenance, gravel augmentation

Shasta Division

- **Shasta (4,552 TAF) and Keswick Dam**
 - Flood control, navigation maintenance, Ag, M&I water supplies, power generation, fish & wildlife, Delta salinity
- **Shasta Temperature Control Device**
 - Manage & maintain adequate water temps
- **Carryover storage performance measures**
- **Shasta Dam Fish Passage Evaluation**
- **Battle Creek Restoration**

Sacramento River Division

- **Yolo Bypass**
 - Fremont Weir Adult Fish Passage Modification
 - Juvenile floodplain rearing habitat restoration
- **Anadromous Fish Screen Program**
- **Anadromous Spawning Fish Habitat Restoration - CVPIA (b)13**
 - Side channel and gravel augmentation

American River Division

- **Folsom (967 TAF) and Nimbus Dam**
 - Flood control, navigation maintenance, Ag, M&I water supplies, power generation, fish & wildlife, Delta salinity
- **Manage cold water pool**
- **Anadromous Spawning Fish Habitat Restoration - CVPIA (b)13**
 - Side channel and gravel augmentation
- **Hatchery Genetic Management Plan for Steelhead**

Delta Division

- **Delta Cross Channel gates**
 - Improve movement of water, water quality, and reduce salt water intrusion
- **Jones Pumping Plant**
- **Tracy Fish Collection Facility**
- **Old and Middle Rivers**
- **San Joaquin River Inflow to Export ratio**

East Side/San Joaquin/Friant Division

- **New Melones Revised Plan of Operation**
- **Spawning habitat and floodplain restoration**
- **San Joaquin River Restoration Program**



State Water Project Overview

- Oroville Dam
- Banks Pumping Plant
- Tracy Fish Collection Facility
- Clifton Court Forebay
- San Joaquin River I:E ratio

Questions?



Project Scope

Study Period

- Year 2070
- Climate Change and Sea Level Rise for all alternatives

Project Scope

Extent of Study Area

- **CVP and SWP service areas**
 - Including Friant and Trinity Divisions
- **Rivers downstream of CVP and SWP reservoirs**
- **Reservoirs in CVP and SWP service areas that store CVP and/or SWP water**

Project Scope

Approach

- **Address potential new improvements**
- **Address new components**
 - Friant, Trinity, WaterFix
- **Fresh look concept**
- **Increase operational flexibility and feasibility while meeting objectives**

Project Scope

Types of Actions Included

- Operations
- Habitat
- Construction



Questions?



Regulatory Context

National Environmental Policy Act

- **Scoping Process**
 - Notice of Intent
 - Public Meetings
 - Public Input for Alternative Development
- **Purpose and Need**
 - Comply with Federal law
 - Enables Reclamation and DWR to satisfy contractual obligations to the fullest extent possible
 - Support Long-term water contract renewal process

Regulatory Context

National Environmental Policy Act

- **Alternative Development**
 - No Action
 - Alternatives
 - Use screening tools to develop concepts
 - Determine intent of each RPA action
 - Propose alternatives to RPA actions, as appropriate
 - Potential habitat restoration or mechanistic methods to achieve intent
 - Fresh look concept – Look at something completely different
 - Adaptive management component

Regulatory Context

National Environmental Policy Act

- **Impact Analysis**
 - **Analytical Tools**
 - Peer reviewed for the most part – disclose when they have not been peer reviewed and present results using other tools
 - Evaluate appropriate use of CALSIM III
 - Appropriate tools for groundwater analysis
 - Climate change analysis

Regulatory Context

Endangered Species Act Section 7 Consultation

- **Biological Assessment**
 - **Scope**
 - Proposed Action Area
 - Level of Analysis
 - Goal of non-jeopardy and no adverse mod conclusions
 - Consistency with NEPA

Regulatory Context

Endangered Species Act Section 7 Consultation

- **Biological Assessment**
 - **Proposed Action**
 - Fresh look concept
 - Determine intent of each RPA action
 - Where appropriate, replace or modify RPA actions with actions that achieve the intent
 - **Environmental Baseline**
 - This should be fun!

Regulatory Context

Endangered Species Act Section 7 Consultation

- **Biological Opinion**

Garwin please help with this one (1 to 3 slides)

Questions that you will get (based on meeting with stakeholders during water users conference) Not sure that you need to address them on your slides you may want to be ready for them

likelihood a an integrated BO

Peer review process

Programmatic vs Project Specific

Recovery vs Jeopardy

NMFS RPA modification process and the ROC

Regulatory Context

Endangered Species Act Section 7 Consultation

- **Biological Opinion**
 - **USFWS Perspective**

Regulatory Context

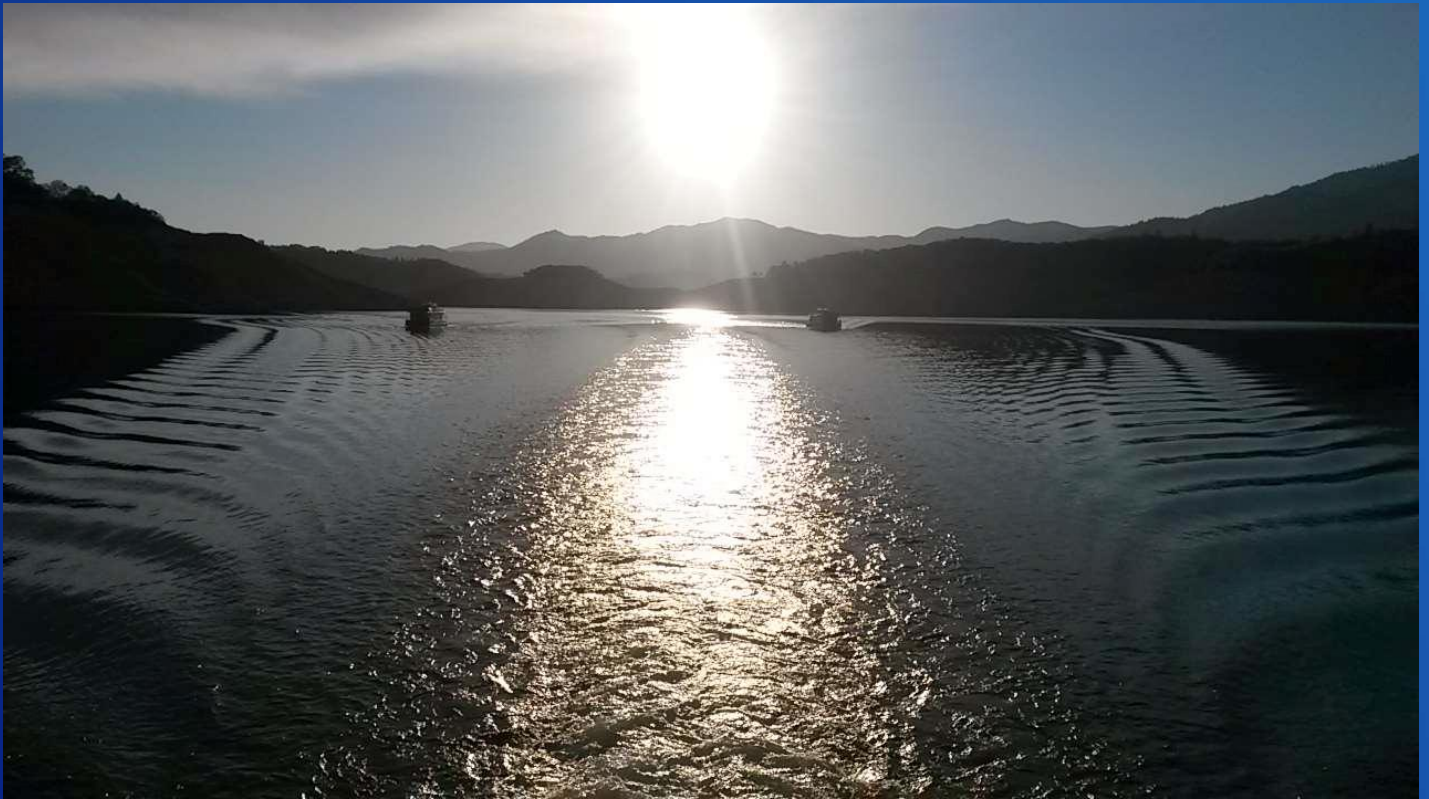
- DFW Perspective

Regulatory Context

NEPA and ESA Interplay

- **Concurrent but meaningful NEPA guidance**
- **Avoid redundant processes**

Questions?



Stakeholder Engagement

Overall

- Meetings with all stakeholders at least quarterly
- All stakeholders will receive NEPA and ESA schedules, when developed
- CSAMP review of selected RPAs from 2008 and 2009 Biological Opinions to inform EIS and/or BA

Stakeholder Engagement

NEPA

- All stakeholders will review project description
- All stakeholders provide input for the EIS
- Cooperating agencies review admin draft EIS
- All stakeholders and general public review public draft EIS

Stakeholder Engagement

ESA

- All stakeholders will review proposed action
- Designated Non-Federal Representatives review admin draft BA
- Peer review of admin draft BA
- All stakeholders will review admin draft BA during peer review
- Peer review of BO
- All stakeholders will review admin draft BO during peer review

Questions

<https://www.usbr.gov/mp/BayDeltaOffice/lto.html>

Information Stations

<https://www.usbr.gov/mp/BayDeltaOffice/Ito.html>