

**Attachment B (CONT.)  
Presentation and Handout Materials for  
Public Scoping Meetings**



# Klamath Basin

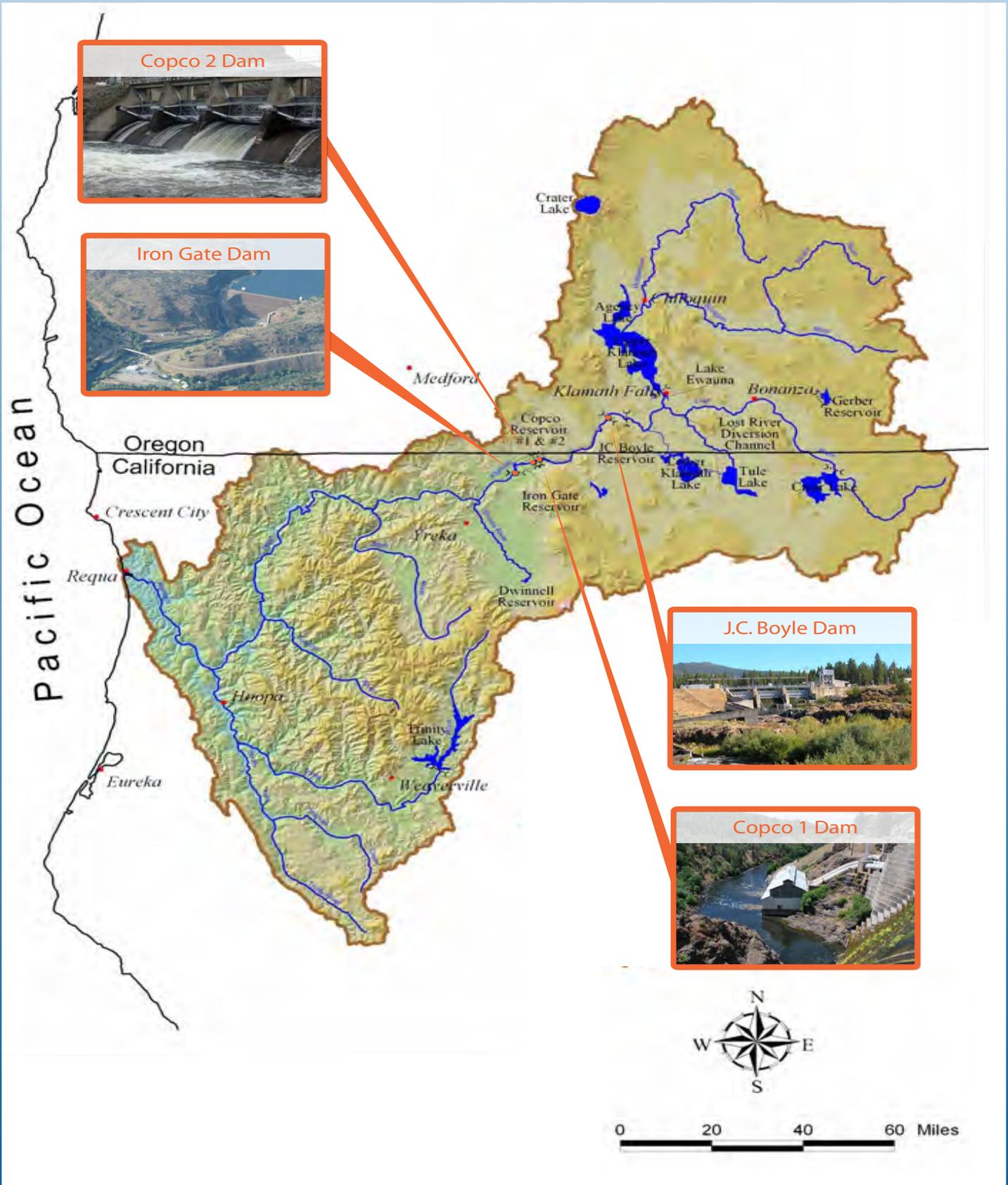
## Dams being considered for removal

Iron Gate Dam

| Copco 2 Dam

| Copco 1 Dam

| J.C. Boyle Dam





## What is Scoping?

The scoping process is an opportunity for the public to identify topics to be covered in the Environmental Impact Statement/ Environmental Impact Report (EIS/EIR) document and provide recommendations to the agencies. Your input will help the U.S. Department of the Interior (DOI) and the California Department of Fish and Game (DFG) to identify:

- ✦ Significant topics to be analyzed in the EIS/EIR
- ✦ Topics that have already been adequately addressed in prior environmental reviews
- ✦ Potential alternatives to the proposed action
- ✦ Potential mitigation measures for the proposed action
- ✦ People or organizations who are interested in the Klamath Settlement EIS/EIR Process
- ✦ Data gaps and information needs

## How Can I Get Involved?

DOI and DFG encourage the public to be involved throughout the Klamath Settlement EIS/EIR Process. For this public scoping phase, comments are being accepted through July 21, 2010.

Ways to provide comments:

- ✦ Comment Card
- ✦ Computer Station at Scoping Meetings
- ✦ Online: [KlamathRestoration.gov](http://KlamathRestoration.gov)
- ✦ Fax: (916) 978-5055
- ✦ Mail/Email:
 

Ms. Tanya Sommer Bureau of Reclamation 2800 Cottage Way, MP-152 Sacramento, CA 95825 Email: <a href="mailto:KlamathSD@usbr.gov">KlamathSD@usbr.gov</a>	Ms. Caitlin Bean California Department of Fish and Game 601 Locust Street Redding, CA 96001 Email: <a href="mailto:KSDcomments@dfg.ca.gov">KSDcomments@dfg.ca.gov</a>
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\*Attention: Comments need only to be sent to one of the mailing addresses or email addresses above.

Additionally, you will have an opportunity to provide input after the Draft EIS/EIR is released. Its release is anticipated in summer 2011.

For additional information about Klamath Settlement Process, please visit: [KlamathRestoration.gov](http://KlamathRestoration.gov)

## Making the Most of Your Comments

To make comments, review the project's Purpose and Need Statement (handout provided), potential alternatives, and list of topics (below) that will be evaluated in the EIS/EIR.

Then develop your comments, taking the following into consideration:

- ✦ What topics are of greatest concern to you and why?
- ✦ Are there additional topics that should be evaluated?
- ✦ What alternatives or mitigation measures do you think would help to lessen or avoid impacts?
- ✦ Can you suggest information resources?

### What are Some Potential Alternatives?

- ✦ Full dam removal (the proposed action), including any connected actions in the KBRA
- ✦ Partial removal of each of the four dams
- ✦ No dam removal/No action

### What Issues and Topics Might be Addressed in the EIS/EIR?

- ✦ Biology (fish, wildlife, and plants)
- ✦ Hydrology
- ✦ Water quality
- ✦ Climate change
- ✦ Energy
- ✦ Geology/soils
- ✦ Sediments
- ✦ Engineering
- ✦ Community character
- ✦ Land use & planning
- ✦ Real estate
- ✦ Public services
- ✦ Traffic
- ✦ Recreation
- ✦ Agriculture
- ✦ Seismic safety
- ✦ Noise
- ✦ Aesthetics
- ✦ Hazardous materials
- ✦ Greenhouse gas emissions
- ✦ Environmental justice
- ✦ Economics
- ✦ Endangered Species Act consultations
- ✦ Reservoir site restoration
- ✦ Cultural and historic resources
- ✦ Indian Trust Assets
- ✦ National Historic Preservation Act consultations





# Purpose and Need Statement

## What is a purpose and need statement?

A purpose and need statement is an explanation of why a project is needed and objectives for addressing the need(s).

### Purpose and Need Statement:

“The purpose of the proposed Federal action is to advance restoration **of the salmonid fisheries** in the Klamath Basin that is in the public interest, and is consistent with the Klamath Hydroelectric Settlement Agreement (KHSA) and the Klamath Basin Restoration Agreement (KBRA). Pursuant to the KHSA, the Secretary needs to make a determination whether to proceed with the removal of the four PacifiCorp Dams on the Klamath River. The proposed action is to make a determination, pursuant to the KHSA, as to whether removal of the four lower dams on the Klamath River to achieve a free-flowing condition and allow full volitional passage of fish is in the public interest, will advance **restoration of the salmonid fishery and is consistent with statutory obligations and tribal rights.** The potential impacts of any connected actions, including any such actions under the KBRA, will be analyzed. ”

This is the purpose and need as stated in the Notice of Intent, published in the Federal Register on June 14, 2010.

For resources and background information about the Klamath Settlement EIS/EIR Process,

[KlamathRestoration.gov](http://KlamathRestoration.gov)



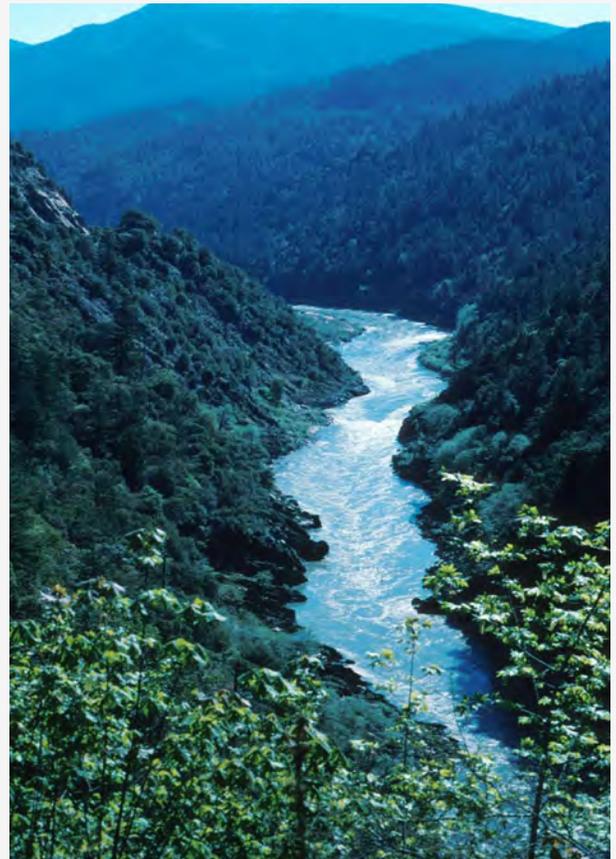
## Objective:

To identify the potential real estate effects of dam removal alternatives and no dam removal (no action) alternatives to be analyzed in the Environmental Impact Statement/Environmental Impact Report (EIS/EIR)

### Topics Identified for Analysis

The following topics will be addressed in the real estate analysis.

- Identify potential effects to lands (private and public)
- Identify and analyze the potential economic impacts to property values and tax revenues
- Identify and analyze the potential changes in land uses
- Effects on real estate caused by a change from reservoir to riverine conditions
- Potential exposure or damage to cultural or historic sites by dewatering
- Public safety concerns of structures potentially left in place
- Re-vegetation of de-watered lands by invasive species
- Identify whether property needs to be acquired to support the proposed project



### We Want Your Feedback

1. Are there additional real estate topics that the EIS/EIR analysis should cover?
2. Can you recommend sources of information that can be used in the EIS/EIR for this topic?





## Objective:

To identify the potential recreational effects of dam removal alternatives and no dam removal (no action) alternatives to be analyzed in the Environmental Impact Statement/Environmental Impact Report (EIS/EIR)

## Topics Identified for Analysis

The following topics will be covered in the recreation analysis.

- **Potential changes in recreational fishing opportunities**
  - Lake boating versus river boating
  - Loss of the warm water recreation fishery (perch/bass)
  - Expanded riverine fishing
  - Recreation facilities such as boat ramps may be left perched above water level
  - Restoration of the previously inundated areas to provide an ecologically stable recreation setting containing attractive scenery conditions similar to the river's original river canyon landscape
  - Need for new recreation access
- **Potential changes in water quality and its effects on recreational values**
- **Potential economic effects of changed recreational values on recreation dependent businesses, river communities and the region**
  - Changes to the whitewater boating season
  - Anticipated changes in fish numbers and distribution
  - Change from lake- to river-based recreation
- **Potential effects of the National Wild and Scenic Rivers Act requirements on the proposed dam removal**



## We Want Your Feedback

1. Are there additional recreation topics that the EIS/EIR analysis should cover?
2. Can you recommend sources of information that can be used in the EIS/EIR for this topic?



Klamath Settlement



EIS/EIR PROCESS

# Klamath Settlement EIS/EIR Process

Public Scoping Meetings  
July 2010



# Today's Agenda

- **Registration and Open House**
- **Welcome and Introduction**
- **Presentation on Project and Scoping Process**
  - **Dennis Lynch**, USGS, Program Manager for the Klamath Basin Secretarial Determination
  - **Mark Stopher**, Acting Regional Manager for the California Department of Fish and Game
- **Open House Stations**
  - Visit stations and talk to federal agency team and CA DFG team
- **Public Comment Forum**
  - Verbal and written comments



# Meeting Objectives

- **Provide you information about the environmental review process for the two connected Klamath Agreements\* and how you can be involved and informed**
- **Specifically, get your input to help us determine the scope and significant issues for environmental review**

\*Klamath Hydroelectric Settlement Agreement (KHSA)

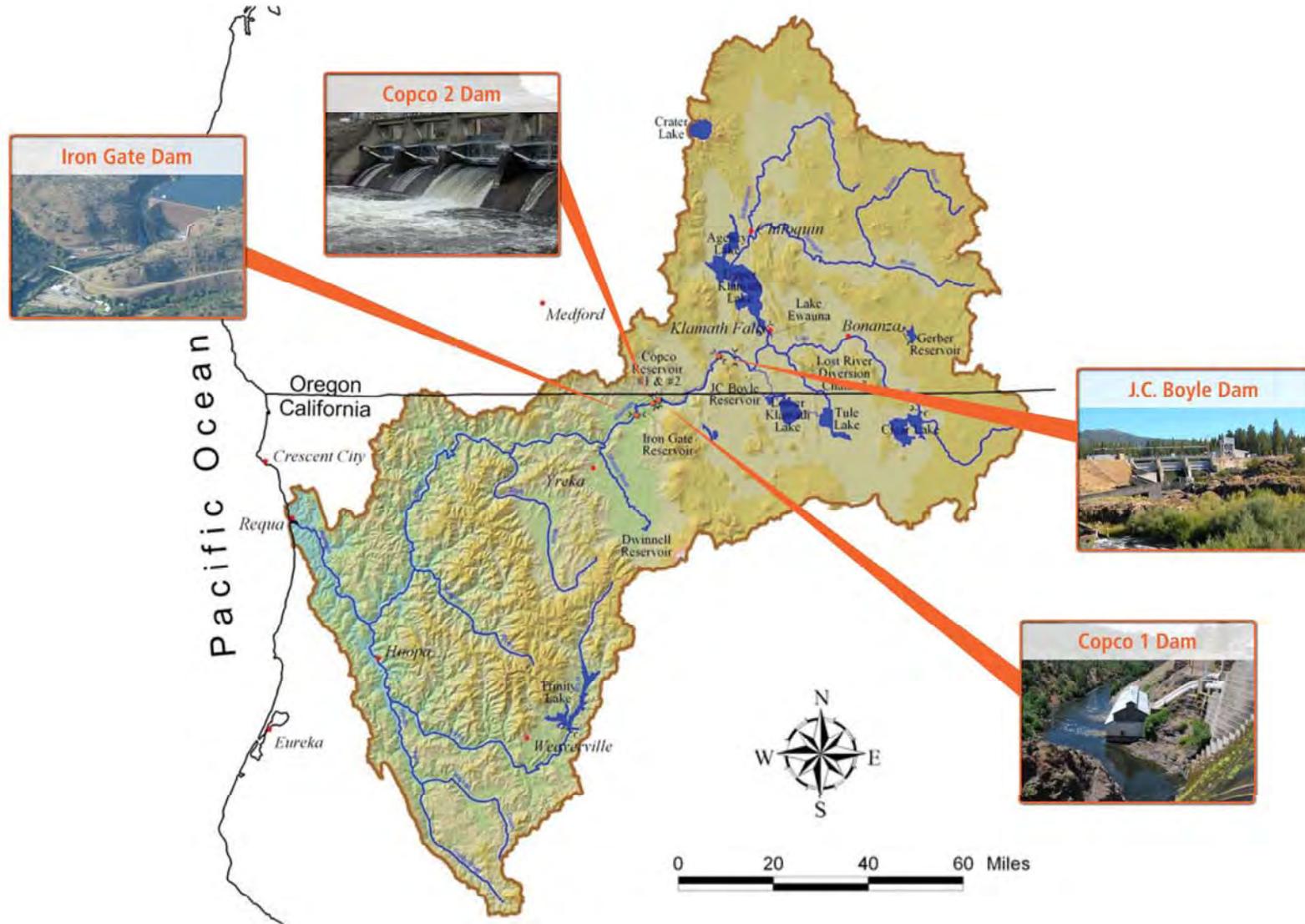
\*Klamath Basin Restoration Agreement (KBRA)

# Klamath Settlement



EIS/EIR PROCESS

# Klamath Basin Map





## How did the Klamath Agreements come about?

- 2001 - Water deliveries to farmers were substantially reduced**
- 2002 - Major salmon die-off in lower Klamath River**
- 2005 - Limited commercial salmon fishing season**
- 2006 - Commercial salmon fishing season closed**
- 2007 - Limited commercial salmon fishing season**

### Natural Resource Challenges Persist...

- 2010 - Irrigation shortages due to drought**
- 2010 - Klamath Tribes' c'waam fishery closed for 24<sup>th</sup> year**
- 2010 - Insufficient water to support the Klamath Basin wildlife refuges**





# Klamath Hydroelectric Settlement Agreement

**The Klamath Hydroelectric Settlement Agreement (KHSA) lays out the process for studies, environmental review, and a Secretarial Determination as to whether removal of four dams owned by PacifiCorp:**

- Will advance restoration of the salmonid fisheries of the Klamath Basin
- Is in the public interest, which includes local communities, tribes, and the nation





# Klamath Basin Restoration Agreement

**The Klamath Basin Restoration Agreement (KBRA) is intended to result in effective and durable solutions which will:**

- Restore and sustain natural fish production and provide for full participation in ocean and river harvest opportunities
- Establish reliable water and power supplies which sustain agricultural uses, communities, and National Wildlife Refuges





# KBRA Components

- **Fisheries Restoration Plan**
- **Fisheries Reintroduction Plan**
- **Fisheries Monitoring Plan**
- **Water Diversion Limitation and Pumping Plan**
- **Water Rights Purchase Plan**
- **Drought Plan**
- **Environmental Water Plan**
- **Counties' Impacts-Mitigation and Benefits Program**
- **Tribal Programs**
- **Establishment of wildlife refuge water allocation**
- **Additional water conservation and storage actions**



## The Proposed Action

- *“The proposed action is to make a determination, pursuant to the KHSA, as to whether removal of the four lower dams on the Klamath River to achieve a freeflowing condition and allow full volitional passage of fish is in the public interest, will advance restoration of the salmonid fishery and is consistent with statutory obligations and tribal rights.”*
- *“The potential impacts of any connected actions, including any such actions under the KBRA, will be analyzed.”*



## What is the Purpose and Need of the Proposed Action?

- *“The purpose of the proposed Federal action is to advance restoration of the salmonid fisheries in the Klamath Basin that is in the public interest, and is consistent with the KHSA and the KBRA.”*
- *“... the Secretary needs to make a determination whether to proceed with the removal of the four PacifiCorp Dams on the Klamath River.”*





# Environmental Review Process

**To determine whether these agreements will move forward, an environmental analysis must be conducted by both the U.S. Department of the Interior (DOI) and the California Department of Fish and Game.**

**The environmental analysis will comply with:**

- The National Environmental Policy Act (NEPA)
- The California Environmental Quality Act (CEQA)





# Developing the EIS/EIR

The outcome of NEPA/CEQA compliance is an Environmental Impact Statement/Environmental Impact Report (EIS/EIR).

## The EIS/EIR will:

- Evaluate reasonable **alternatives** to the proposed project
- Identify significant **environmental effects**
- Propose **mitigation** to reduce or avoid environmental impacts
- Provide information for **public review** and comment
- Inform **decision makers**





# Public Input During Scoping

## Your input will help shape the EIS/EIR.

- Alternatives to the proposed action
- Topics of concern to you
- Questions you want us to answer in the EIS/EIR
- Ways to minimize or avoid negative effects of the proposed action
- Suggestions of information sources



# Klamath Settlement



EIS/EIR PROCESS

# EIS/EIR Timeline



\*These are target dates





# How to Provide Comments

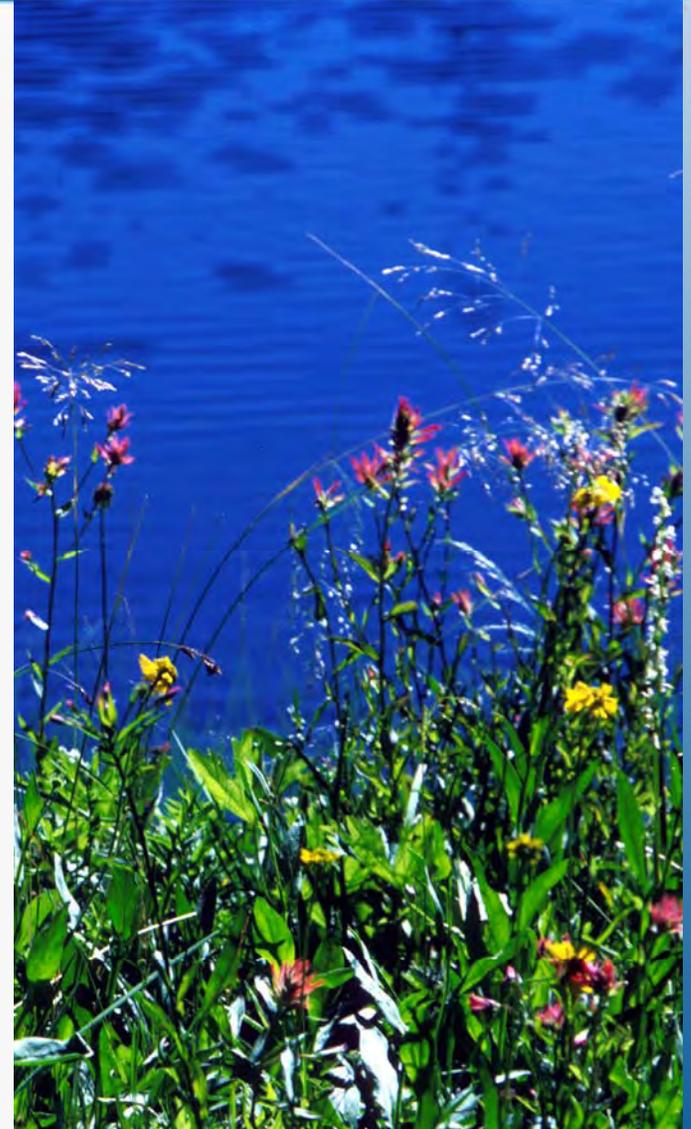
- **Comments for inclusion in the Scoping Report are due by July 21, 2010**
- **To provide comments today**
  - Comment Cards
  - Computer Stations
  - Oral Comment
- **To provide comments after today**
  - Online: [KlamathRestoration.gov](http://KlamathRestoration.gov)
  - Fax: (916) 978-5055
  - Mail/Email (send to one of the following):

Ms. Tanya Sommer	Ms. Caitlin Bean
Bureau of Reclamation	CA Department of Fish and Game
2800 Cottage Way, MP-152	601 Locust Street
Sacramento, CA 95825	Redding, CA 96001
Email: <a href="mailto:KlamathSD@usbr.gov">KlamathSD@usbr.gov</a>	Email: <a href="mailto:KSDcomments@dfg.ca.gov">KSDcomments@dfg.ca.gov</a>



# Open House Stations

- **Overview**
- **Maps**
- **Environmental Review Process and Timeline**
- **Topics to be Analyzed**
  - Cultural & Historic Resources
  - Economics
  - Engineering & Sediment
  - Fish & Wildlife (biology)
  - Real Estate
  - Recreation
  - Water Quality
- **Comments**





## Making Comments

- **What topics are of greatest concern to you and why?**
- **Are there additional topics that should be evaluated?**
- **What alternatives or mitigation measures do you think would help lessen or avoid impacts?**
- **Can you suggest information resources?**





## Guidelines for Oral Comments

- **Fill out a speaker card.**
- **Everyone will be heard.**
- **Please be respectful.**
- **Agencies are here to listen. They will not be answering questions.**
- **Limit your comments to 3 minutes so others can speak.**

**Thank You**



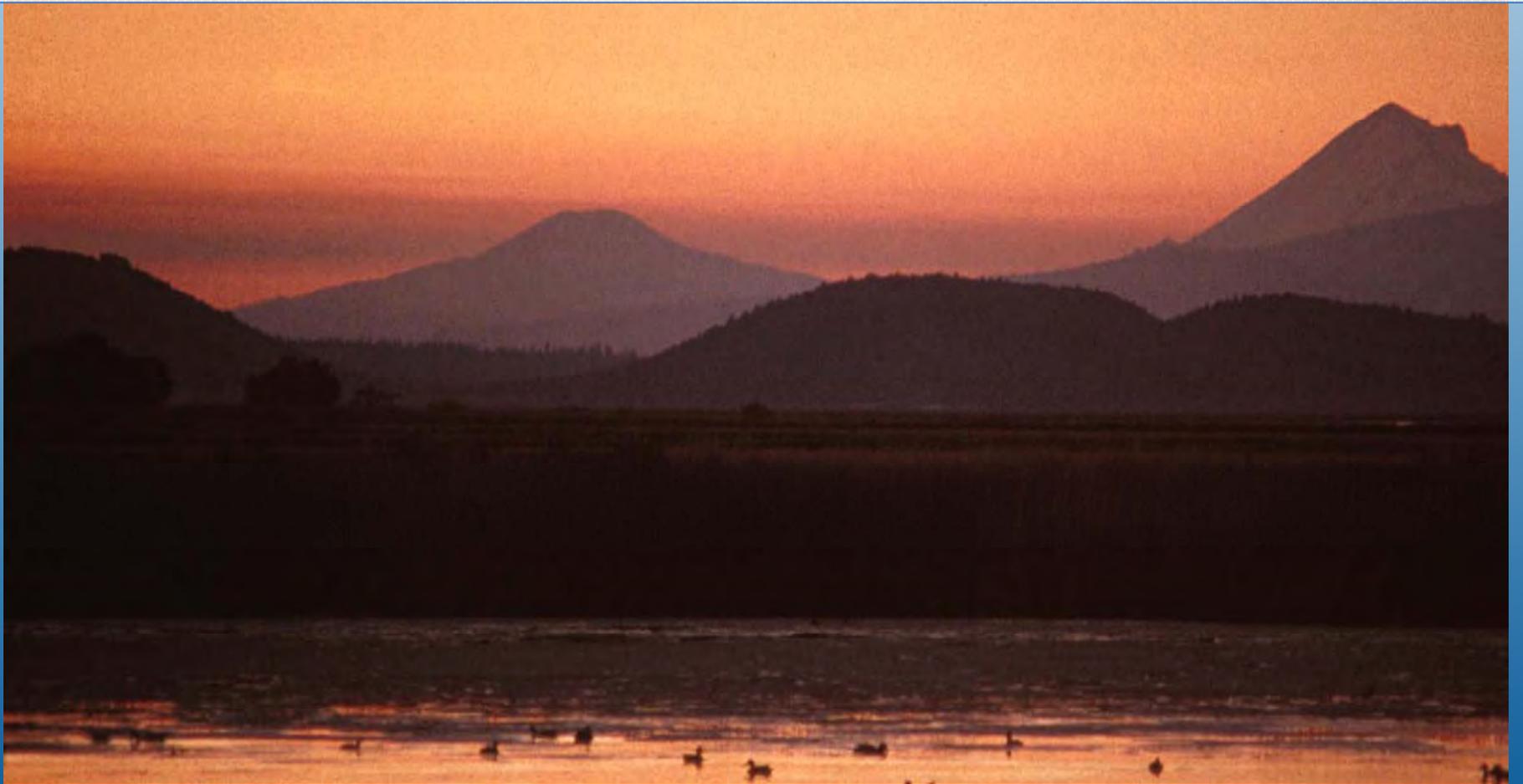
Klamath Settlement



EIS/EIR PROCESS

**For More Information**

**[KlamathRestoration.gov](http://KlamathRestoration.gov)**





Please place  
first class  
postage here

Ms. Tanya Sommer  
Bureau of Reclamation  
2800 Cottage Way, MP-152  
Sacramento, CA 95825

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Please fold, tape along edges, stamp, and mail



# Speaker Card

Please fill out this card if you would like to make a verbal comment. Please note, verbal comments are weighted equally with written comments. If you want to be sure that your comments are accurately reflected in the official scoping report, which will be available to the public, it is advised that you submit them in writing before July 21, 2010.\*

**Name (please print)** \_\_\_\_\_

**Representing** \_\_\_\_\_

**Notes:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*\*Please read the speaker guidelines on the back side of this card*

# Speaker Guidelines

- 1. Speaker Cards:** Please hand your Speaker Card to anyone wearing a name tag. Speakers will be called two to three at a time in the order received. If you've spoken at an earlier scoping meeting, we'll allow others to go before you.
- 2. Time:** Please limit your comments to **three (3)** minutes to allow the last person the same opportunity as the first. Exceeding the limit takes away from others. You'll be notified when your time is up. Last call for Speaker Cards is 8:45 p.m.
- 3. "For the record":** We don't have a court reporter taking notes. To **ensure that your comments become part of the scoping record and accurately reflect your thoughts**, please submit **written comments** tonight or by **July 21, 2010**. Options:
  - a. Comment Cards available tonight
  - b. Direct entry into computers available tonight
  - c. Website – [KlamathRestoration.gov](http://KlamathRestoration.gov)
  - d. Fax and Mail: See Comment Card for contact info.
- 4. Speaker Role:** Let the agencies know what you'd like studied/evaluated during the environmental review process, particularly if you don't see the topic on the display boards.
- 5. Agency Panel Role:** By law, Agency representatives on today's panel will be *listening to your comments regarding the EIS/EIR environmental review process*. They will not be answering questions. They will answer questions at a public meeting after the release of the draft Environmental Impact Statement/Environmental Impact Report. There will also be additional public stakeholder and technical meetings between now and then.
- 6. Courtesy:**
  - a. Speak one at a time when it's your turn.
  - b. No shouting from the audience.
  - c. No insults, derogatory comments, or threats.
  - d. Please put your cell phone on "silent."

**Objective:**

To identify the potential water quality effects of dam removal alternatives and no dam removal (no action) alternatives to be analyzed in the Environmental Impact Statement/Environmental Impact Report (EIS/EIR)

**Topics Identified for Analysis****Short-term (1–2 years)**

- Whether there are contaminants in reservoir sediments and, if so, whether they pose any risks to human and ecosystem health
- Potential oxygen demand of reservoir bottom sediments upon being transported downstream and associated effects on aquatic biological communities

**Long-term (beyond 2 years)**

- Potential effects of dam removal on water quality (i.e., water temperature, sediment and turbidity, dissolved oxygen, nutrients, organic matter, blue-green algae and associated toxins)
- Potential effects of climate change on water temperature and supply in the Klamath Basin for both dam removal and no action

**We Want Your Feedback**

1. Are there additional water quality topics that the EIS/EIR analysis should cover?
2. Can you recommend sources of information that can be used in the EIS/EIR for this topic?

