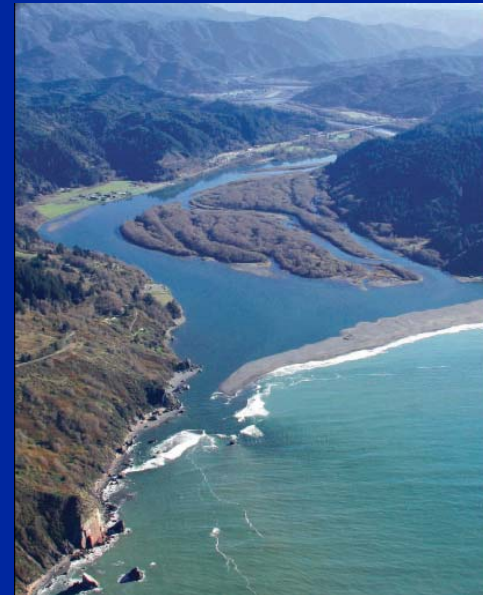


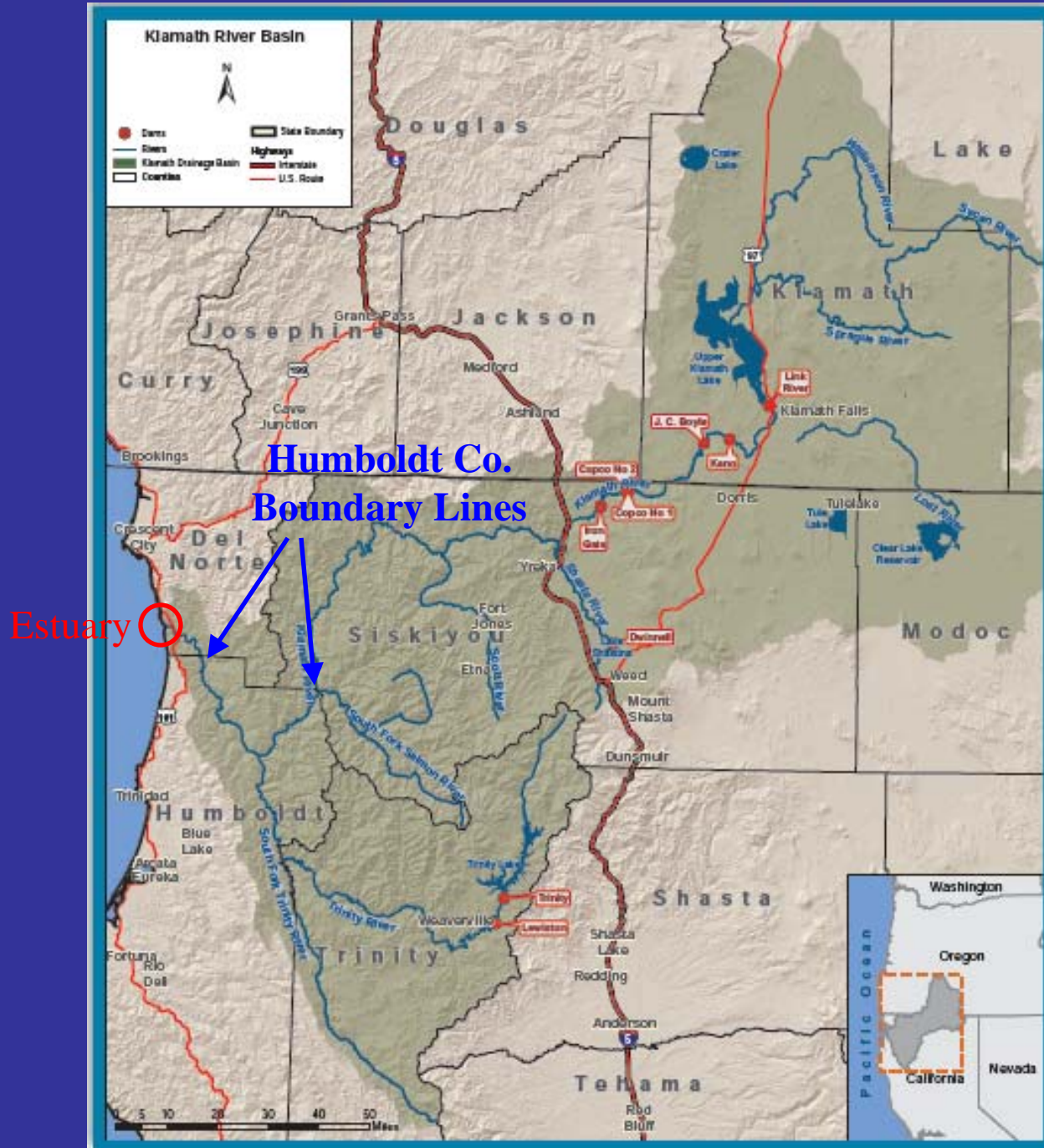
Update on Klamath Dam Removal Efforts

Humboldt County Public Works Department

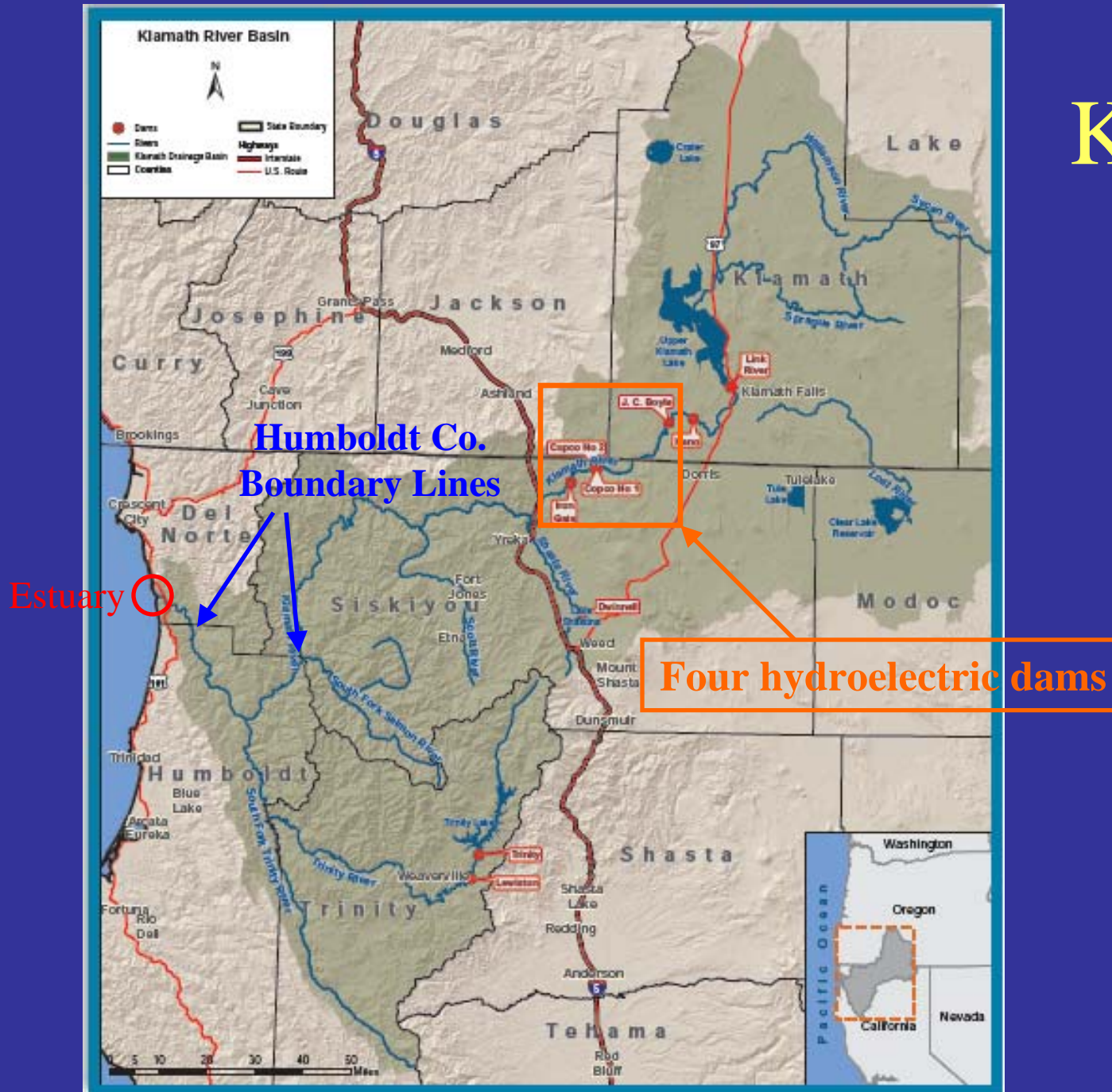
October 4, 2011



Klamath River Basin



Klamath River Basin



Dam Impacts



Dam Impacts



Dam Impacts

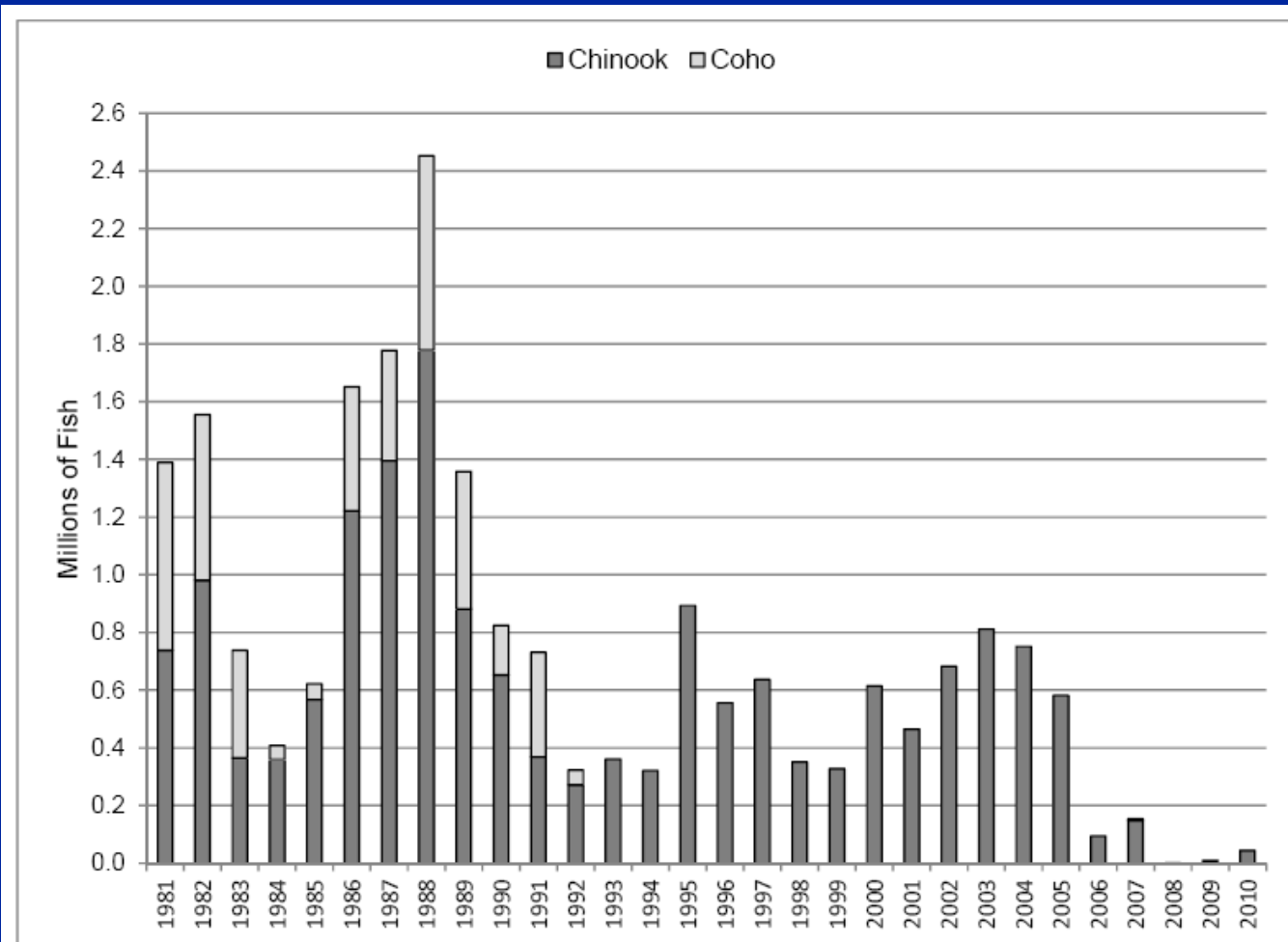


Figure II-2. Landings of troll-caught Chinook and coho south of Cape Falcon, Oregon (millions of fish), 1981-2010 (sources: PFMC 1990, 1991, 1998, 2009, 2010, 2011b).

Dam Impacts

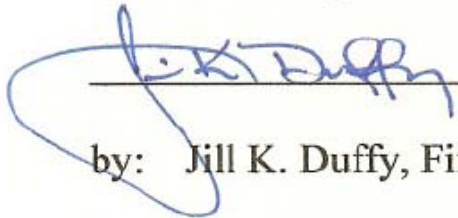


Klamath Settlement Agreements



Klamath Settlement Agreements

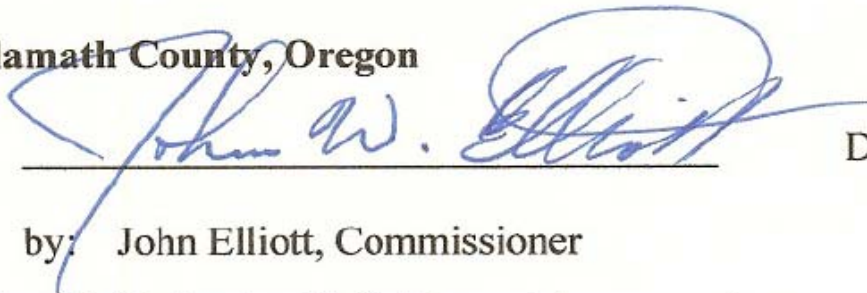
Humboldt County, California



by: Jill K. Duffy, Fifth District Supervisor

Date: 2/18/10

Klamath County, Oregon



by: John Elliott, Commissioner

Date: 2/18/2010

Klamath Hydroelectric Settlement Agreement
Signature Page

Klamath Hydroelectric Settlement Agreement

Secretarial Determination – March 2012

- ◆ Secretary of the Interior will decide in March 2012 whether dam removal:
 1. Advances salmonid fisheries
 2. Is in the public interest
 3. Can be accomplished within \$450 million cost-cap
- ◆ If federal decision is affirmative, California and Oregon will decide whether to concur
- ◆ Moving forward will require legislation in Congress
- ◆ Goal for decommissioning: 2019-2020

Developments since February 2010

Federal and state agencies:

- ◆ Technical studies
- ◆ Analysis of environmental impacts
- ◆ Public input

Humboldt County:

- ◆ Limited resources to participate
- ◆ NOAA-National Marine Fisheries Service grant in September 2011
- ◆ Intend to hire Jill Duffy to provide support

Five Key Points

1. Sediment is not contaminated
2. Effects of dams on flood attenuation is minor
3. Public Utilities Commission determined that dam removal is in PacifiCorp rate-payers' financial interests

Five Key Points

4. Studies indicate positive results of dam removal/restoration compared to no-action for Chinook salmon and fishing by 2033 (Hendrix, 2011):
 - 81.4% increase in adult abundance
 - 46.5% increase in ocean commercial and sport harvests
 - 54.8% increase in tribal harvest
 - 9.1% increase in river harvest

Five Key Points

5. Detailed Plan for dam removal:

- Methods carefully designed to be protective of fish, minimize impacts
- Total Costs (most probable estimate):
 - » Full removal - \$292 million
 - » Partial removal - \$247 million

Klamath Facilities Removal Public Draft Environmental Impact Statement/ Environmental Impact Report



- Draft EIS/EIR released Sept. 21, 2011 for 60-day review period
- Accompanied by technical reports
- Documents available at:

<http://klamathrestoration.gov>

- Public hearings:

Oct. 26, 2011 (Arcata)

4:30 pm-6 pm presentation
6 pm-8pm public hearing

Also upcoming (timing uncertain):

- Release of Secretarial Determination Overview Report
- Federal legislation/Congressional hearings

Considerations for the Board

- ◆ What role does the Board want to assume
- ◆ How can the County of Humboldt contribute to public understanding and opportunities for involvement
- ◆ What issues should staff focus on
- ◆ What type of information would be helpful to the Board, and how should it be conveyed
- ◆ How does the Board desire to express its views and position

