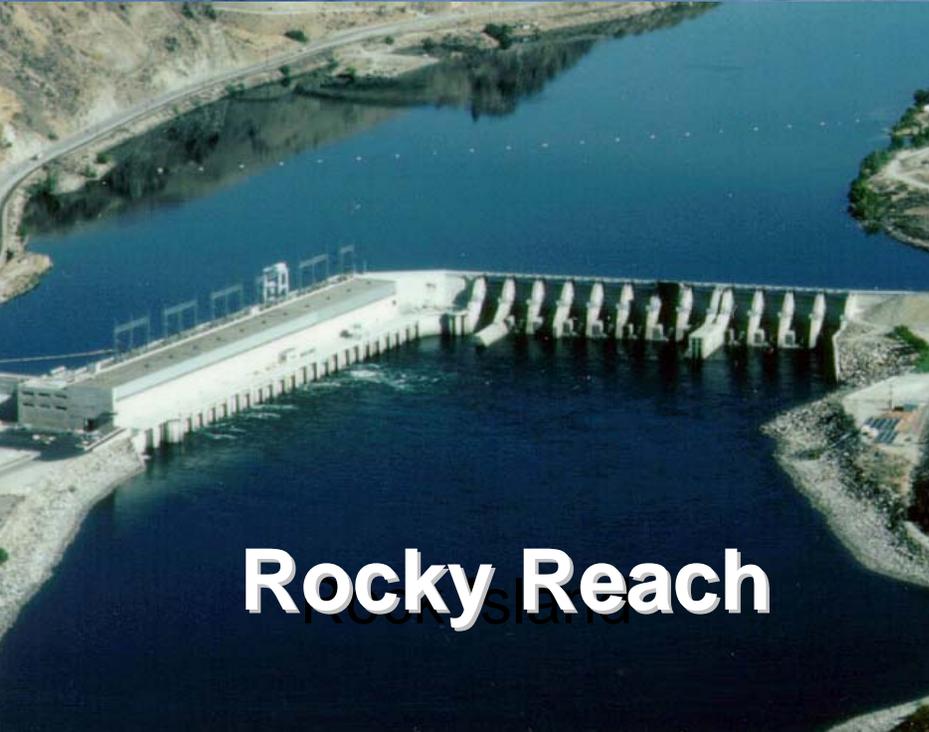
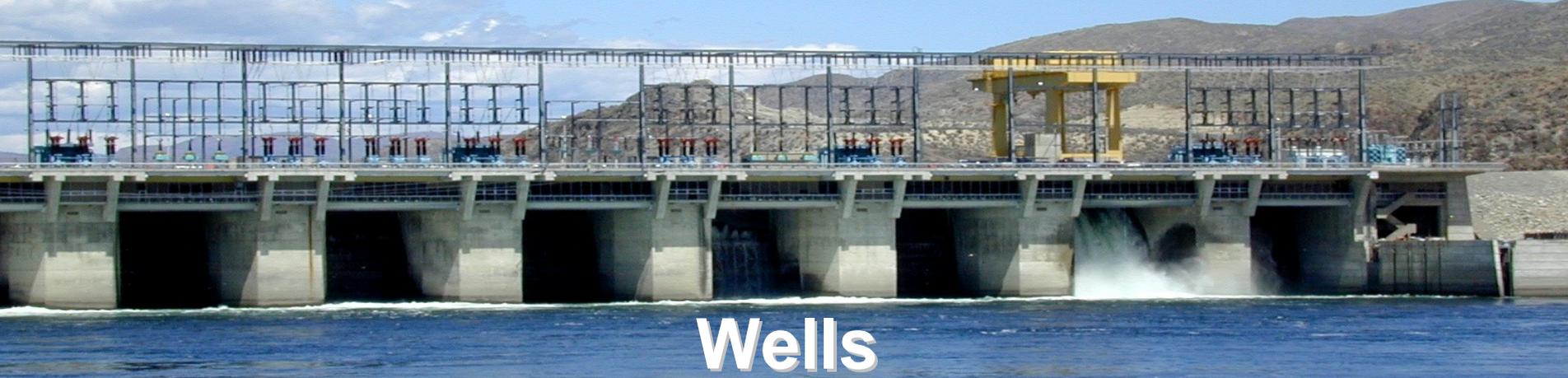




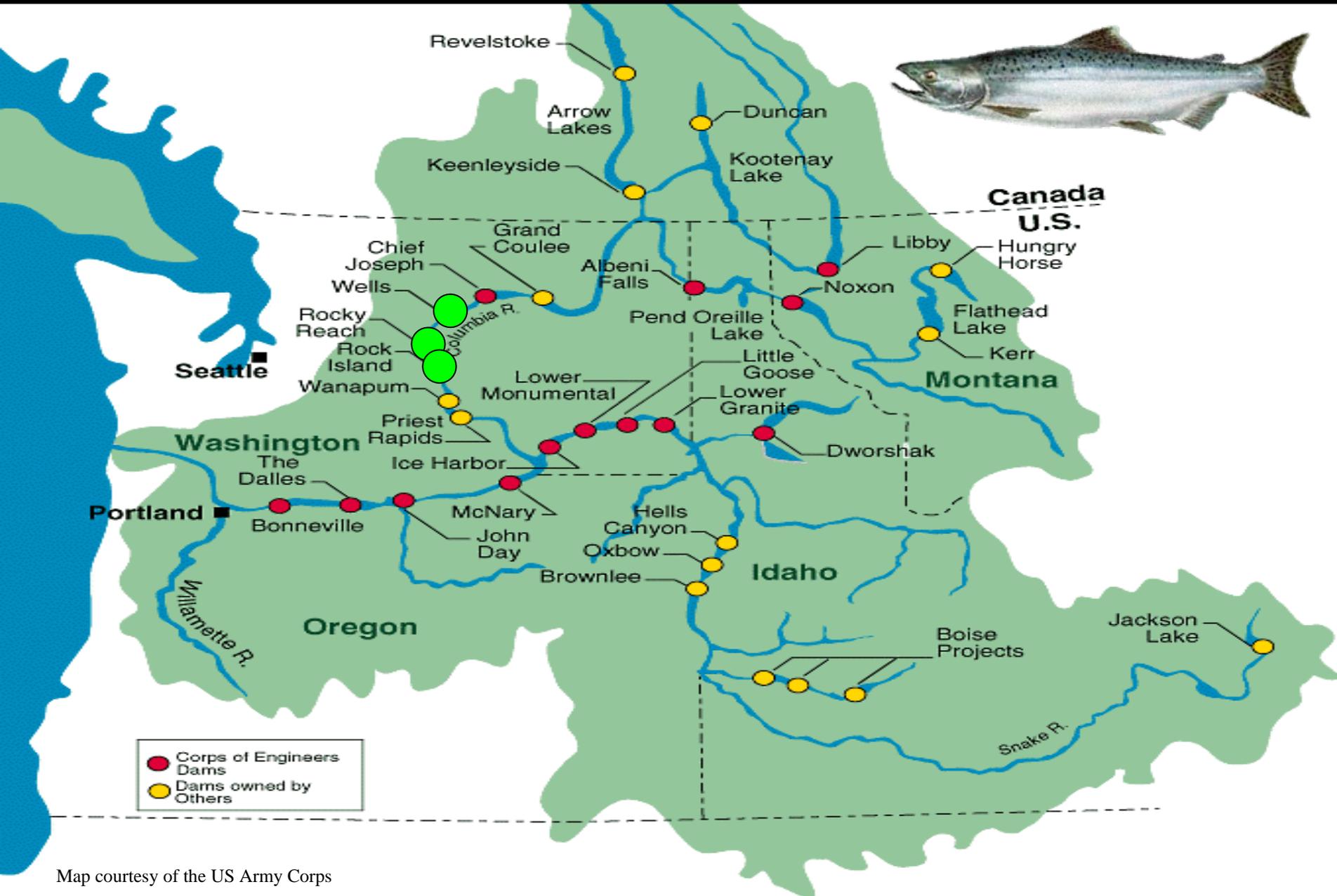
**Bob Clubb, Ph.D.**  
**Chief of Environmental and Regulatory  
Services**

**Public Utility District No. 1 of Douglas  
County**

# Anadromous Fish Agreements and Habitat Conservation Plans



# Columbia River Basin



# History of HCPs



- |                   |  |
|-------------------|--|
| <b>Aug. 1993</b>  | <b>HCP negotiations begin</b>                              |
| <b>Aug. 1997</b>  | <b>Upper Columbia River steelhead listed as endangered</b> |
| <b>March 1999</b> | <b>UCR spring Chinook ESA listed</b>                       |
| <b>Dec. 2000</b>  | <b>NMFS issues draft Environmental Impact Statement</b>    |
| <b>March 2002</b> | <b>Parties sign HCP</b>                                    |

# History of HCPs



- |                      |   |
|----------------------|---|
| <b>Dec. 2002</b>     | <b>NMFS issues Final EIS</b>                        |
| <b>August 2003</b>   | <b>NMFS Issues BO &amp; Incidental Take Permits</b> |
| <b>November 2003</b> | <b>Douglas and Chelan File application to FERC</b>  |
| <b>June 2004</b>     | <b>FERC Approves HCPs</b>                           |

## Goals for the HCPs



- Protect Salmon & Steelhead in the Mid-Columbia.
  - Satisfy ESA requirements for listed anadromous fish.
  - Resolve Fish issues under the Federal Power Act.
    - Sections (10(a), 10(j), and 18).
- Obtain Section 10 Incidental Take Permits.
  - Ensures Compliance with the ESA.
  - Provides PUD hydroelectric facilities with operational assurances.
- Ensure stable power supplies and pricing for the utilities' customers.

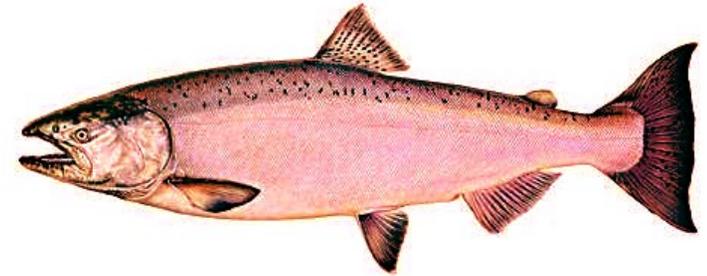
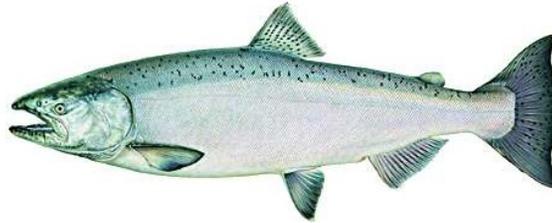
# Parties to the Agreement

- National Marine Fisheries Service
- United States Fish and Wildlife Service
- Washington Department of Fish and Wildlife
- Confederated Tribes of the Colville Reservation
- Confederated Tribes and Bands of the Yakama Nation
- Chelan County PUD
- Douglas County PUD
- Douglas PUD Power Purchasers
  - Avista, PacifiCorp, Puget Sound Energy, Portland General Electric.

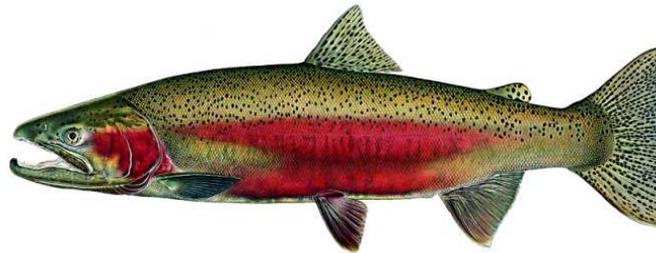


# “Plan Species” Covered by HCPs

- Chinook
  - Spring
  - Summer/Fall



- Steelhead



- Sockeye



- Coho (Reintroduced Stock)

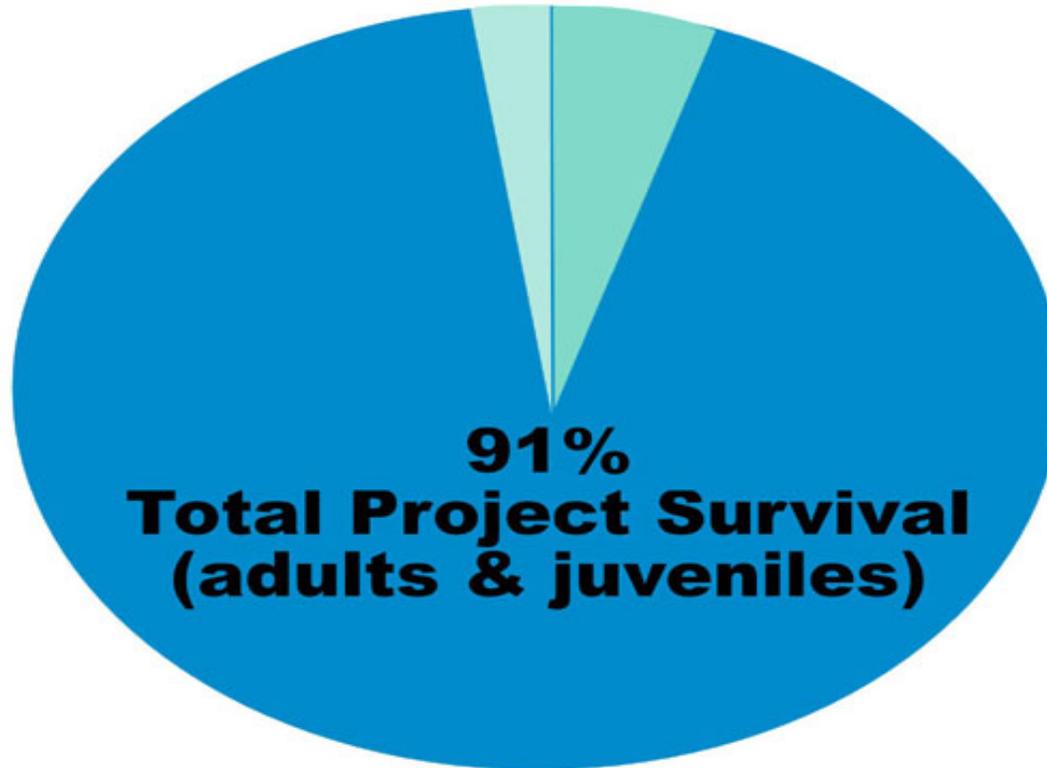


# No Net Impact



**2% Tributary Compensation**

**7% Hatchery Compensation**



**100% No-Net Impact**

# Hatchery Compensation Plan

- Hatchery Objectives
  - Provide fish to compensate for inundation and passage mortality
    - Inundation compensation levels remain unchanged from previous agreements
    - Passage loss compensation levels is 7% or adjusted down to measured survival rates
  - Hatchery programs must be consistent with rebuilding natural populations
    - Maintain genetic and ecological integrity
    - Support harvest

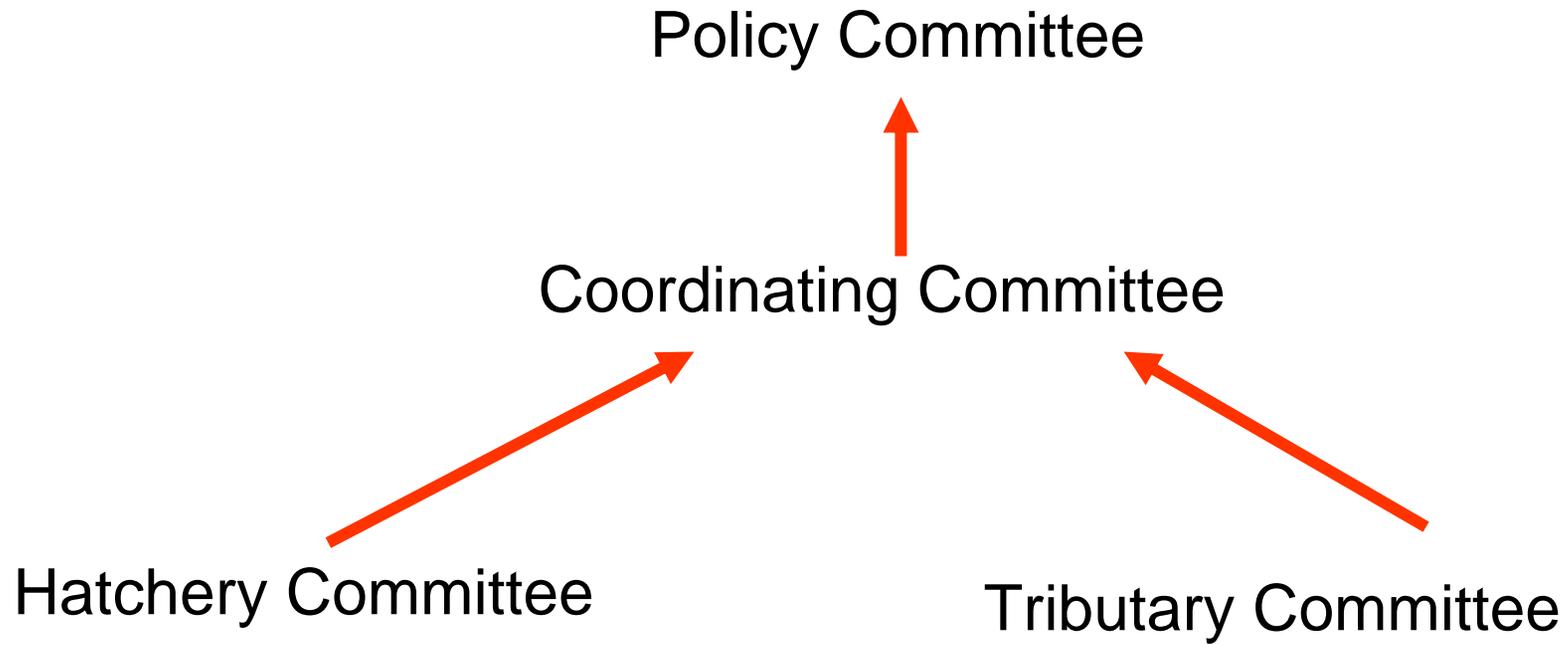


# Tributary Conservation Plan

- Tributary Plan Objectives
  - 2% Off-Site Compensation for Unavoidable Losses
  - Protect, Enhance, and Restore Plan Species Habitat
- Tributary Funds\*
  - Rock Island Fund (\$11.5 Million),
  - Rocky Reach Fund (\$24.3 Million),
  - Wells Fund (\$9.9 Million)
  - Tributary Assessment Program (\$200 k per project)
    - One time payment to evaluate the effectiveness of the first 10-years of funding

\*1998 dollars adjusted annually for inflation

# Coordinating Committee



# Coordinating Committee

- Composition: Each signatory party has one designated representative
- Voting: Decisions require a unanimous vote of the Parties to the Agreement
- Chair: Parties choose & the PUDs funds a chair
- Authority:
  - Establish protocols and procedures
  - Determine validity of study results
  - Determine Achievement of Standards
  - Determine additional measures (Phase II Interim/Additional Tools)
- Progress Reports: Annual Report with Comprehensive review in 2013

# Assurances for HCP

## Satisfies

- **Endangered Species Act**
- **Federal Power Act**
- **Fish & Wildlife Coordination Act**
- **NW Electric Power Planning and Conservation Act.**
- **Magnuson-Stevens Fishery Conservation & Management Act**
- **Title 77 Revised Code of Washington**

# Assurances for HCP

- **Ends Mid-Columbia Proceedings**
- **Satisfies FERC Relicensing Requirements for Plan Species**
- **Removes Drawdown, Dam Removal and Non-Power Operations from Consideration**
- **50 year Agreement with Limited Reopeners**

# End of Presentation

