

## ***Washington Forum on Monitoring***

*June 24, 2009*

### **AGENDA Item # 9**

#### **Collaborative Monitoring and Evaluation for Anadromous Fish in the Columbia Basin**

##### **Presentation by:**

Greg Delwiche, BPA

Nancy Leonard, NPCC

Brian Lipscomb, CBFWA

Erik Neatherlin, WDFW

Scott Rumsey, NOAA

##### **Problem/Issue Statement**

Salmon and steelhead monitoring programs in the Columbia Basin are designed to inform a multitude of management needs. However, the overlapping mandates of the various entities in the Basin, and the lack of a clear monitoring strategy that integrates multiple needs, leaves considerable opportunity to improve the coordination and cost effectiveness of monitoring there.

##### **Methods/Solutions Proposed**

The agencies represented on this panel are committed to making a good faith effort to create a strategic plan for monitoring and evaluation of anadromous fish in the Columbia River Basin that focuses on fish population status (VSP), tributary habitat, and hatchery effectiveness. The plan is referred to as the “anadromous monitoring and evaluation strategy.”

Through a series of inventory efforts, regional workshops, gap and need analyses, and ISRP review, the intention is to develop a monitoring strategy and framework that will satisfy BIOP, HCP, and ESA requirements, and support the overall Fish and Wildlife Program. It is expected that the process will lead to a monitoring strategy and framework, including gap and need analyses, in time for the next major project funding cycles in the Basin.

##### **What decisions are asked of the Forum?**

- 1) Support staff participation as needed through the inventory work and regional workshops, as appropriate.
- 2) Facilitate coordination and alignment with similar monitoring needs in Puget Sound and Coastal Washington.

# **Collaborative Development of Monitoring & Evaluation for Anadromous Fish in the Columbia River Basin**

## **Purpose & Origin**

**Washington Monitoring Forum  
June 24, 2009**



# Overall Purpose

- Develop an Integrated Monitoring & Evaluation Framework and Strategy for Anadromous Fish in the Columbia River Basin

# This is an Effort to Coordinate Monitoring for Multiple Needs...

- Columbia Basin Hydro Power Biological Opinion RM&E (including Fish Accords)
  - Council Fish & Wildlife Program Amendments
  - Regional Salmon Recovery Plans
  - Ongoing State and Tribal Monitoring Programs
- 

# Who's Involved

## ➤ Action Agencies & NOAA

- Bureau of Rec. & US Army Corp of Engineers
  - Own and operate Federal Columbia River Power System (FCRPS)
- Bonneville Power Administration (BPA)
  - Markets and distributes the power

## ➤ Northwest Power & Conservation Council

- Northwest Power Act – Policy Body
  - Provides public forum/voice for hydro system energy and natural resource issues
  - Develops regional power plan and Fish & Wildlife Program
  - Makes annual funding recommendations to BPA

## ➤ NOAA

- Regulating agency
- Implements ESA

# Who's Involved...continued

- Columbia Basin Fish and Wildlife Authority
  - Membership consisting of legally recognized fish and wildlife managers (Federal, Tribes, State)
    - Coordinate efforts of members to protect and enhance fish and wildlife resources of the Columbia River through joint planning and action
  - Members:
    - 4 State Agencies
    - 2 Federal Agencies
    - 11 Tribes
  
- Washington's Columbia Basin Salmon Recovery Regions
  - Upper Columbia, Yakima, Lower Columbia, Snake

# Working Timeline and Outcomes

May 09

Jun 09

Jul 09

Aug 09

Sep 09

Workshop Scoping

Sub-Regional Workshop Preparation

**Outcomes:**

1. Regional monitoring assessments for VSP, Habitat and Hatchery Effectiveness (i.e., Inventory and Gap Tables)

5 Separate 2-Day Sub-Regional Workshops

**Outcomes:**

1. Inventory (verify & approve)
2. Monitoring framework
3. Information and needs (Gaps)
4. Monitoring strategy per ESU/DPS that:
  - a. evaluates current monitoring
  - b. clarifies/affirms BiOp monitoring

Regional Workshop Preparation

One 5-Day Workshop

**Outcomes:**

1. Anadromous fish monitoring framework for VSP, Action Effectiveness, Hatchery, & Mainstem
2. With implementation strategy

Independent Science Review Panel