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COLUMBIA BASIN FISH & WILDLIFE AUTHORITY

DRAFT

May 26, 2005

TO: Jesse Schwartz, Brian Zimmerman, Gary James (CTUIR)
Tim Bailey, Dave Ward (ODFW)
Glen Mendel, Mark Schuck, Dick Stone, Andy Appleby (WDFW)
Dave Fast, Bob Rose, Chris Frederickson (YIN)
Lars Mobrand, Chip McConnaha (Mobrand-Jones & Stokes)
Bruce Suzumoto, Tony Grover, Karl Weist (NPCC)
Rob Walton, Tom Cooney, Elizabeth Gaar, Rob Jones (NOAA)
Doug DeHart (USFWS)
Steve Martin (Lower Snake Recovery Board)
Cathy LaRoque (Walla Walla County)
Brian Wolcott (Walla Walla Basin Watershed Council)
All subbasin planners are welcome

cc: Anadromous Fish Committee (AFC)

FROM: Tom Iverson, CBFWA staff

SUBJECT: Reviewing population level objectives for salmon, steelhead, and bull trout populations in the Walla Walla River subbasin.

The Columbia Basin Fish and Wildlife Authority (CBFWA) members would like to convene a workshop in the Walla Walla subbasin to review and discuss the application of the All-H Analyzer (AHA) model for the evaluation of population level objectives for salmon and steelhead. The workshop will be held from 9 am to 2:30 pm on June 8, 2005 at the County Health Department building in Walla Walla, Washington (see attached agenda for address). The intent of the workshop is to:

a) Review the AHA tool;
b) Demonstrate the AHA tool with data entered specific to the Walla Walla; and
c) Discuss the potential application of the outputs of AHA relative to the Northwest Power and Conservation Council's (NPCC) desire to establish province level objectives.

This will be a very informal meeting to get acquainted with the AHA model and to better understand the NPCC's initiative to establish biological objectives for subbasins and provinces within the Columbia River.

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Background

The NPCC recently approved Mobrand Biometrics to continue to develop the All-H Analyzer tool for use in integrating hatchery and habitat actions identified in subbasin plans (see http://www.nwcouncil.org/news/2005_04/4.pdf) for the Columbia River Basin. The purpose of the NPCC effort is to provide analytical tools to facilitate technical and policy discussions leading to the implementation of subbasin plans and the development of province level objectives for the Fish and Wildlife Program and recovery plans. The project will develop: 1) a comprehensive, web-based data system that will coordinate and utilize information from existing databases and enable users to generate a variety of reports useful for implementation and policy needs; 2) a series of training sessions and "proof-of-concept" technical workshops aimed at educating individuals on the use of analytical tools and improve data and information used in the process; and 3) hatchery and subbasin integration results for at least 5 subbasins. Products from this technical exercise could form the basis for an amendment process to establish provincial objectives in the NPCC's Fish and Wildlife Program.

All-H Analyzer (AHA) model

The AHA tool is a series of Excel spreadsheets that was developed in the Puget Sound by the Hatchery Scientific Review Group for development of recovery plans. Using the information found in subbasin plans, the Artificial Production Review and Evaluation (APRE) database, harvest management plans and the hydro biological opinion, the AHA tool integrates hatchery production with subbasin habitat conditions and considers out-of-subbasin impacts. Background material, independent reviews of the AHA tool, and a copy of the AHA spreadsheet for the Methow Subbasin is available on the CBFWA website at http://www.cbfwa.org/fwprogram/amendment05.

Information Needs for Workshop

In order for the workshop to be most useful, the local co-managers should bring or be familiar with the following data for spring Chinook and steelhead:

1) EDT parameters for productivity and capacity for historic conditions, current conditions, and subbasin plan goals;
2) Smolt to adult return rates (SARs) or estimates for Walla Walla basin stocks;
3) Terminal harvest rates (assumptions) within the Walla Walla basin (ocean and mainstem harvest rates will be derived from the regional data base); and,
4) Any relevant hatchery/supplementation information available (brood stock composition (natural/hatchery), smolt releases, recruits per spawner, kelt survival, etc.).

For more information regarding this workshop, please contact
Tom Iverson at (503) 229-0191.

All-H Analyzer Workshop

June 8, 2005
9 am to 2:30 pm

Walla Walla County Watershed Planning Conference Room
310 W. Poplar
Suite #001
Walla Walla, WA 99362
509-527-3285

This conference room is in the basement of the County Health Department, located on the corner of 5th and Poplar in Walla Walla.

Agenda

1) Overview of All-H Analyzer model describing background and current applications

2) Enter and confirm Walla Walla spring Chinook data and review results

3) Enter and confirm Walla Walla steelhead data and review results

4) Discuss development of bull trout population objectives for the Walla Walla subbasin and potential relationships to provincial objectives

5) Overview of Council AHA effort and future Program amendment process

6) Schedule follow up meeting