

Proposed  
All-H Project for the Columbia  
River Basin

April 6, 2005  
MMG

# Northwest Power Act

*The Council shall request, in writing, ...from the Federal and the region's State fish and wildlife agencies and from the region's Indian tribes, recommendations for-*

- *Measures*
  - *Objectives*
  - *Coordination and research*
- 
- *...to protect, mitigate, and enhance fish and wildlife...*
  - *...giving due weight to those recommendations...*

# Problem Statement

The subbasin plan guidance documents did not require a consistent presentation of population objectives and strategies (measures) in a way to support regional decision making.

The subbasin plan exercise did not consistently integrate habitat actions with hatchery, harvest and hydro actions.

The subbasin plan process did not develop clearly articulated action plans with budget estimates and implementation schedules which are required for recovery plans (ESA 4(f)).

*The region needs a systematic synthesis of subbasin plan information in order to capture data from each plan in a consistent manner to support regional planning and recovery planning*

# Needs

## **Northwest Power and Conservation Council**

- Province level goals and objectives
- Artificial Production Reform
- Information to support allocation of funds across provinces
- Province/Subbasin level project selection criteria

## **NOAA Fisheries Service**

- Recovery goals and objectives
- Collaboration with co-managers and local interest groups
- All-H integration for recovery plans
- Actions, budget estimates and time schedules for ESA Section 4(f)

## **Federal Agencies**

- Cross cut budgets to support recovery plans

## **Region**

- Data that describes all H's using a common currency to support evaluation of trade-offs, cost effectiveness and biological effectiveness for fish and wildlife actions

# NPCC

## All-H Analyzer Effort

- Council effort to develop provincial objectives called for in the 2000 Program
- Focus on number of adults
- Will feed Amendment Process

What it is-

- 1) Web enables the All-H Analyzer Model
- 2) Fills in database with EDT, HGMP, *USvOr* harvest data, and SIMPAS SAR data
- 3) Completes AHA runs for all provinces (paper exercise)

# Proposed CBFWA All-H Project

- CBFWA could facilitate the co-managers validation of population objectives and synthesize strategies from SBPs in a consistent format and scale (build from Council effort)
- A similar process as the one used for development of Ecosystem Summaries for the Rolling Province Review could be used to generate the information quickly and consistently
- This effort could be completed in time to support a Program Amendment and NOAA Recovery Planning and would build off the NPCC effort to develop the All-H Analyzer model and database

# Proposed CBFWA All-H Project

- CBFWA would facilitate Province level meetings of the technical staff that developed the subbasin assessment information for subbasin planning (this exercise would NOT necessarily be limited to the fish and wildlife managers)
- The technical groups could use a comprehensive toolbox of models to develop and test population objectives and evaluate hatchery operations
- The technical groups could also develop potential habitat actions necessary to meet the population level objectives and support the revised hatchery operations, with estimated budgets and time schedules

# All-H Project Deliverables: Salmon and Steelhead Subbasins

- 1) Salmon and Steelhead population level objectives (abundance, productivity, and diversity – integrate TRT products with local managers)
- 2) Hatchery actions necessary to meet those objectives with budget estimates, proposed implementation schedule, and likely responsible agency
- 3) Habitat actions necessary to meet those objectives with budget estimates, proposed implementation schedule, and likely responsible agency
- 4) Harvest assumptions from US v OR  
    May include suggested alternatives
- 5) Hydro assumptions from 2004 Biological Opinion  
    May include suggested alternatives

*This information could be combined by ESU or Province by policy level forums after the technical exercise is complete.*

# All-H Project Deliverables: Resident Fish and Wildlife

- 1) A regional work group would be convened to review the Upper Columbia United Tribe's effort to "roll up" resident fish and wildlife needs in the Intermountain Province.
- 2) The work group would establish guidelines and procedure for identifying goals and objectives for resident fish and wildlife populations
- 3) The work group would identify actions necessary to meet those objectives

*This information could be combined by ESU or Province by policy level forums after the technical exercise is complete.*

# All-H Project Process

Province level meetings of all subbasin groups

- 2-day initiation workshop
- 3 week individual action plan development
- 2-day integration workshop
- Report developed with consensus of technical work groups.

# Database Development

# Regional Workshops

# Province Meetings

March

April

May

June

July

August

September

Columbia Cascade  
 Plateau North  
 Lower Columbia  
 Lower Snake  
 Mountain Snake  
 Lower Columbia  
 Blue Mountain  
 Plateau South  
 Columbia Gorge

1) Create web enabled All-H Analyzer  
 2) Fill Database with EDT, HGMP, Harvest, and SAR data for all stocks

Database updated with  
 Province data  
 Move data portal to CBFWA web site

Establish Data management Plan for housing, maintaining, And servicing EDT, HGMP, APR, All-H, and other data

1) Develop regional rules and protocols for All-H Process  
 2) Get regional buy-in to process and define deliverables  
 3) Define state level process

Regional coordination of province level work via monthly coordination meetings

Develop regional M&E Plan

1) Initiate WA Subbasins  
 2) Complete by June 30

1) OR Subbasins  
 2) Complete by July 30

1) ID Subbasins  
 2) Complete by July 30

(Dashed blue box)

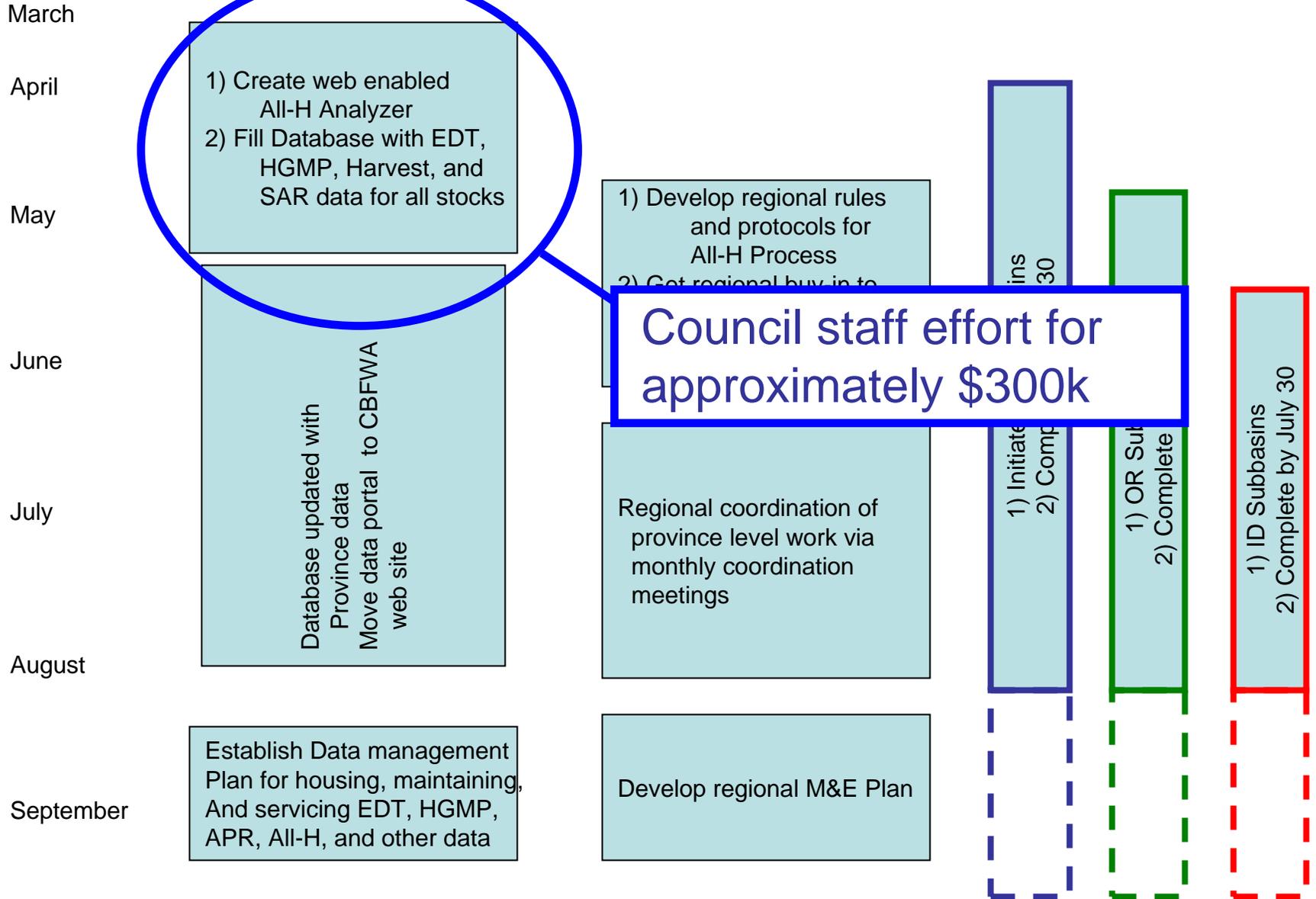
(Dashed green box)

(Dashed red box)

# Database Development

# Regional Workshops

# Province Meetings



# Database Development

# Regional Workshops

# Province Meetings

March

April

May

June

July

August

September

1) Create web enabled All-H Analyzer  
2) Fill Database with EDT, HGMP, Harvest, and SAR data for all stocks

Database updated with Province data  
Move data portal to CBFWA web site

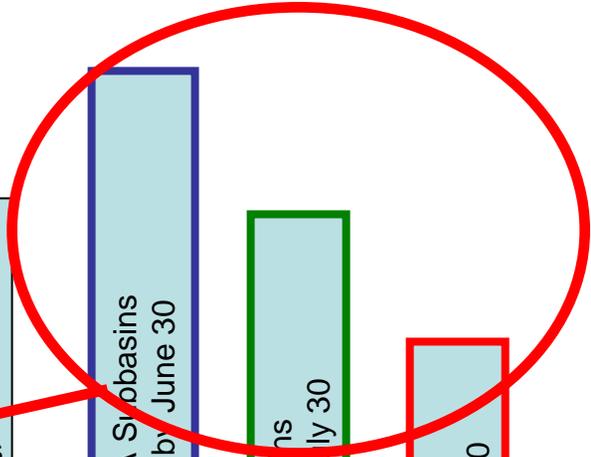
Establish Data management Plan for housing, maintaining, And servicing EDT, HGMP, APR, All-H, and other data

1) Develop regional rules and protocols for All-H Process  
2) Get regional buy-in to process and define deliverables

Regional coordination of province level work via monthly coordination meetings

Develop regional M&E Plan

**Phase 1: Possible NOAA/Tribal effort**



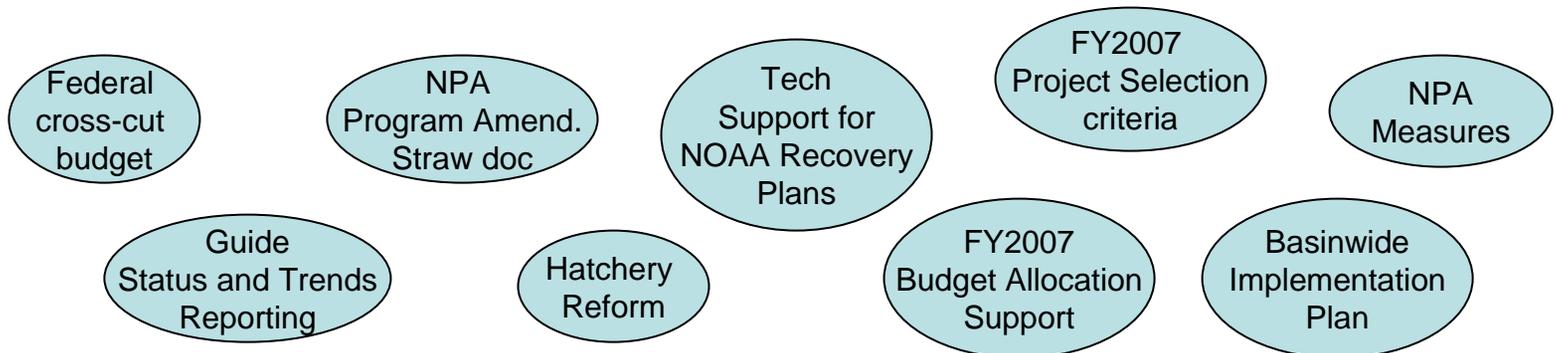
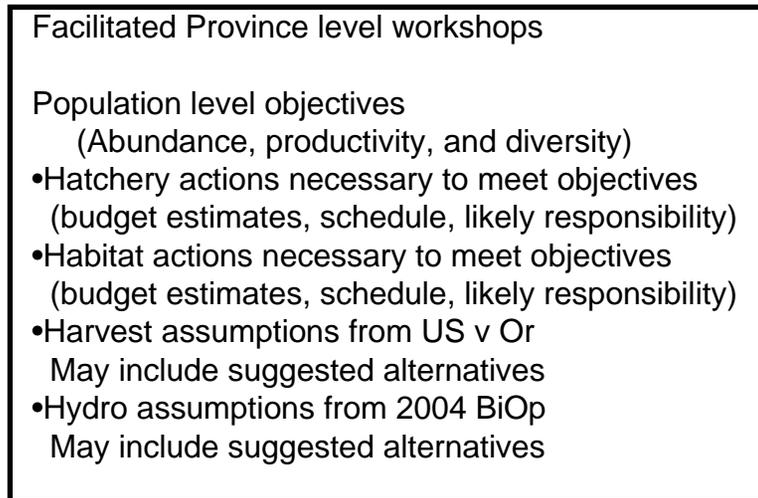
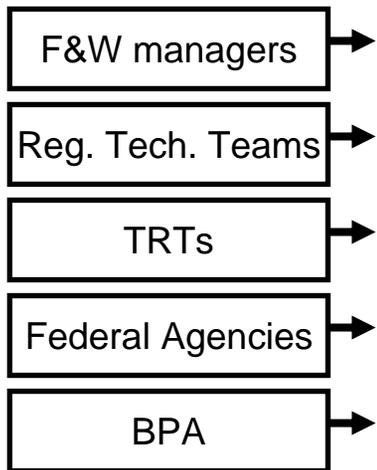
1) Initiate WA Subbasins  
2) Complete by June 30

1) OR Subbasins  
2) Complete by July 30

1) ID Subbasins  
2) Complete by July 30



# All-H Project



# Outstanding Issues

1. CBFWA staff needs guidance to continue development of proposal
2. Need confirmation from BPA, NPCC and NOAA that this process will address their needs
3. Need to develop a statement of work, budget, and schedule