

background material
for agenda item
#8

**Trinity River Hatchery
Operations and Production Goal
Ad Hoc Committee Meeting
August 12, 2009**

Attendees: Laird Marshall, Larry Hanson, Linda Radford, Joe Polos, Dave Hillemeier, Tim Hayden, Seth Naman, Mike Hamman, Don Reck, Jim DeStaso, and Larry Glenn.

- Hanson (meeting facilitator) Introduction – wild vs. hatchery stocks.
 - o Attendees introductions
- Discussion on meeting purpose and authority for change with Dave Hillimeier.
- Discussion on how the authority for change may work. Reck did not see any problems with change if warranted.
- Review of goals and constraint numbers (Marshall and Hanson) see photo.
- Perceived issues
 - o Large adult return (too many)
 - Redd super imposition
 - Genetic introgression
 - Non harvest of adults (fishermen)
 - o Juvenile ecological interactions.
 - Competition
 - Predation: other fish, animals and birds.
 - Biological problems: diseases, water quality.
- Goals of TRRP vs. Hatchery goals.
 - o Adjust in increments (Radford)
- Restoration goals discussion (natural stock).
 - o Included are dependent fisheries to be supported.
 - o With 66% harvest, then 180,000 must return.
 - 62,00 fall Chinook
 - 6,000 spring Chinook
 - 1,400 Coho
 - 40,000 Steelhead
- Can harvest be sustained with natural stocks?
- Naman – Discussed eliminating further discussion with Chinook adjustments, don't need to be considered for adjustments at this time.
- Polos – Disagreed that they shouldn't be left off, genetics for example.
- Steelhead race and run timing historic vs. contemporary should be reviewed.
- Hamman – TRRP concern about gravel injection. Should it be further down?
- Thought also was that injection would also go down stream.
- Hanson – Coho as issues for adjustment.
 - o Non target except for tribal (small amount) harvest.
- Hayden - Foundation discussion ensued for hatchery impact – more assessments on interaction. i.e., genetics, historical runs, etc.
- Naman – Urge of fish to move to upper reach and congregate at hatchery may never be overcome.

- Hillemeier – What populations do we want to manage? Do we want to circle certain population by geography for example?
- Discussion on straying issues.
- Radio tags on hatchery steelhead at weirs upcoming project.
- DeStaso – Requested information on return on Coho hatchery vs. natural stock.
- Hanson – Brief discussion on meeting so far, no new issues? None were mentioned.
- Naman – Slide show
 - o Hatchery reform and tools or implementation from Washington discussion.
 - o AHA model.
- Discussion on Coho survival hatchery vs. natural stock.
- Discussions on importance of having Hoopa tribe re-engage in process.
- Should Laudinslauger, Hankin, Sinnen, Kingzinger be involved?
- Discussion on Ad Hoc/Tech Action group meeting names, and dates for meetings to be announced.
 - o Two Groups:
 - Ad Hoc Group (for broader issues).
 - Tech Advisory Group (for what can or can not be done).

Technical Advisory Group to advise Policy Group on concerns:
How AHA model would work for Trinity River and with which species and race.
Can the revisions be made for the 2009 broodyear?
Technical Action Group to review and advise on timeframe
Give hatchery enough time to implement adjustments
Need time for Legal and Tribal Trust review
Review AHA
Review of TRRP Goals and TRH Goals
Select which species to adjust
Foundation laid out for genetics
Review and advise on Race/Run timing, Hatchery and wild integrations
Outline plan for goal adjustments
Stab at 3 to 5 year plan, how it works in AIP, Budgets
Report back to Ad HOC Group in next meeting.