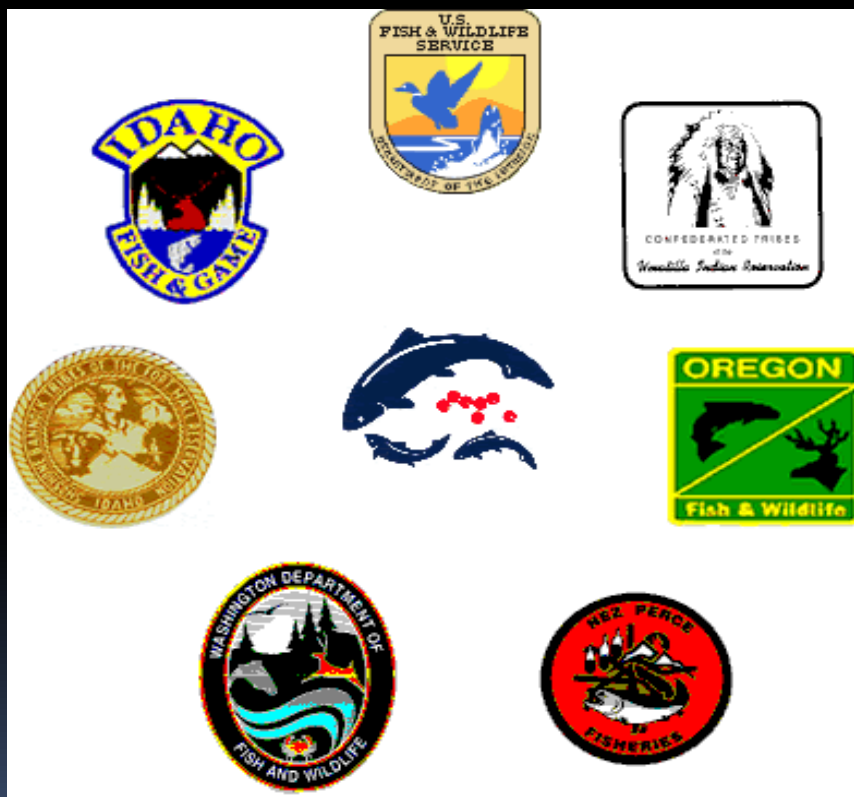


Scientific & Programmatic Review of the Lower Snake River Fish & Wildlife Compensation Plan for Steelhead



Steve Yundt
US Fish & Wildlife Service
LSRCP

Welcome

Recognition and Thank-you

- Audience.
- Staff responsible for details that made this Review possible-Particularly Jule, Tammy, Nichole, and Margaret.
- LSRCP Cooperators who prepared the data.
- BPA staff.
- Northwest Power and Conservation Council (NPCC) and staff.
- WDFW for hosting this Review.

THANK YOU

Other Recent Reviews

- HSRG: Congressional mandate to review and recommend program changes needed to balance hatchery mitigation programs with conservation needs (2008 & 09).
- FWS-HRT: Assess benefits & risks of Service operated mitigation programs & the program's scientific defensibility (2008 – 2010)
- NOAA HGMPs: Biological assessment of program on ESA listed stocks. In progress.

Why this Review?

- LSRCP wants to know how well goals are being met:
 - Develop a consensus set of evaluation metrics.
 - Develop a consensus set of methods to estimate those metrics.
 - Identify program gaps to help establish funding priorities.
 - Produce a single, consistent set of data to evaluate progress towards achieving program goals.

Why this Review?

➤ Congressional *Mandate*

- ✓ 1996 Amendment to the NW Power Act.
- ✓ Review projects to determine whether they:
 - 1) are based on sound science;
 - 2) benefit fish and wildlife;
 - 3) have a clearly defined objectives and outcomes;
 - 4) contain monitoring and evaluation programs.
- ✓ ISRP given the charge to evaluate projects.

LSRCP Review Team

- **Rich Alldredge**, Ph.D., Professor of Statistics Emeritus at Washington State University, ISRP and ISAB chair
- **Eric J. Loudenslager**, Ph.D., Hatchery Manager at Humboldt State University, California, past ISRP and ISAB chair
- **Greg Ruggerone**, Ph.D., Fisheries Scientist for Natural Resources Consultants
- **Dennis Scarnecchia**, Ph.D., Professor of Fish and Wildlife Resources, University of Idaho
- **Steve Schroder**, Ph.D., Fisheries Consultant and former Fisheries Research Scientist at the Washington Department of Fish and Wildlife
- **Carl Schwarz**, Ph.D., Professor of Statistics and Actuarial Science at Simon Fraser University, Canada
- **William Smoker**, Ph.D., Professor of Fisheries Emeritus at the University of Alaska Fairbanks, School of Fisheries and Ocean Sciences

Why this Review?

➤ Policy Questions for Agency/Tribal Leaders

- Is our production program properly aligned with your agency's management goals & objectives?
- What changes, if any, would you recommend in our program to better meet your agency's fishery and/or conservation goals?

What you will see in this review :

Results from monitoring and evaluation effort funded by LSRCF.

What you **won't** see:

Results from monitoring and evaluation effort **not** funded by LSRCF.¹

¹ RRS and PIT studies report on non-LSRCF funded work.

What you will see in this review:

- Day 1 (Today):
 - Focus on fishery mitigation programs
 - Nine programmatic presentations
- Day 2 (Tomorrow)—
 - Focus on supplementation and Interactions with natural stocks
 - Program summary
 - Policy Comments
- Q & A
 - General Q & A following each presentation.
 - ISRP Q & A -Time for ISRP to ask additional questions. Audience is invited to listen, but no questions please, this is ISRP time.
- Proceedings & presentations posted to LSRCPC website.

Straying

- **Definition:**
 - Adult steelhead recovered (harvested or at traps/weirs) outside of a direct line between the ocean and its release location.
 - As a result of that definition, stray rates presented here may not compare directly with stray rates calculated elsewhere.

House Keeping

- Registration ?s: See Jule, Tammy, or Nichole.
- Breaks, Lunches(2), & dinner tonight are included in the registration fee you gave Jule. If you didn't pay, don't partake. The fee police will get you!
- Restrooms are_____.
- Power Point Presentations – Please get your Presentations to Nichole ASAP.
- Social and Dinner in the _____ Room beginning @ 6:30 tonight.
- Put your cell phones on vibrate.