

Middle Columbia & Snake River Wild Adult Steelhead Tributary Bypass Workshop

NOV
19
2014



Water and Environment Center Walla Walla, Washington

Run Time: 9:00 am - 4:15 pm (PST)
Address: 500 Tausick Way, Walla Walla, Washington
Call-in for Audio: (800) 779-9475
Passcode 7209782
GoToMeeting: <https://www1.gotomeeting.com/join/262229065>
ID 262-229-065

If you experience technical issues,
call (503) 201-0345

Workshop Goals:

- Discuss current data and critical uncertainties regarding Middle Columbia River and Snake River wild adult steelhead tributary bypass
- Identify hypotheses regarding causal factors for this phenomena, effects on bypassing adults, and resulting viability implications for Mid-C and Snake River steelhead populations
- Identify RM&E objectives and potential management strategies to address this limiting factor and advance recovery of the Middle Columbia River and Snake River Steelhead DPSs
- Identify opportunities for future, multi-agency RM&E and management action coordination

Mid-C Steering Committee

Brian Abbott / Washington State RCO
Adrienne Averett** / ODFW
Dale Bambrick** / NOAA
Nora Berwick** / NOAA
Joe Bumgarner** / WDFW
Alex Conley** / YBFWRB
Rosemary Furfey / NOAA
Lynn Hatcher** / NOAA
Brad Houslet / Warm Springs Tribes
Gary James / CTUIR

Steve Martin** / SRSRB
Dave McClure / Klickitat County
Bruce McIntosh / ODFW
Megan Morlock / NOAA
Bill Sharp** / Yakama Nation
Tom Stahl / ODFW
Michael Tehan / NOAA
Rich Turner / NOAA
John Weinheimer / WDFW

** Bypass Workshop Planning Committee

This group is facilitated, courtesy of the Federal Caucus, by Rick Mogren,
with administrative assistance by Nancy Schifferdecker.

Workshop Agenda

- 8:45 Sign-in
- 9:00 Convene / Welcome / Introductions
- 9:15 Mainstem Research
Brad Trumbo & Chris Pinney US Army Corps of Engineer
Blane Bellerud NOAA Fisheries
Chris Caudill University of Idaho
- 10:30 Cascade / Eastern Slope Tributaries MPG
Derrek Faber Oregon Department of Fish & Wildlife
Dan Rawding Washington Department of Fish & Wildlife
Brady Allen US Geological Survey
Joe Zendt Yakama Nation
- 11:15 Yakima MPG
Chris Frederiksen Yakama Nation
- This session will be followed by a catered "working" lunch.*
- 12:25 John Day MPG
Jim Ruzycki Oregon Department of Fish & Wildlife
Chris Caudill University of Idaho
- 1:05 Umatilla / Walla Walla MPG
Jim Ruzycki Oregon Department of Fish & Wildlife
Ray Weldert Confederated Tribes of the Umatilla Indian Reservation
Joe Bumgarner Washington Department of Fish & Wildlife
- 1:35 Lower Snake / Clearwater MPGs
Rick Orme Nez Perce Tribe
Joe Bumgarner Washington Department of Fish & Wildlife
- 2:15 Summary of Genetic Stock Information
Jon Hess Columbia River Inter-Tribal Fish Commission

This session will be followed by a short break.

- 2:45 Open Roundtable Discussion
- 3:45 Next Steps & Future Coordination
- 4:15 Adjourn

Presenter Bios

BRADY ALLEN - US Geological Survey

Brady, MS Colorado State University, has 14 years with the USGS Columbia River Research Lab. He worked on mainstem Columbia River smolt passage, small stream fish habitat, and population assessments, and fish life history research using PIT and radio tags.

BLANE BELLERUD - NOAA Fisheries

Blane, Ph.D Mississippi State University, has worked for the National Marine Fisheries Service for 13 years. Most recently his duties have focused on fisheries management aspects of the Federal Columbia River Hydro System Biological Opinion. In his 30 years as a fisheries biologist, Blane has worked for various state and federal agencies as a researcher, fish pathologist, and fisheries management biologist.

JOE BUMGARNER - Washington Department of Fish & Wildlife

Joe started with Washington Fish and Wildlife in 1993 in the SE Washington, primarily monitoring Tucannon River spring Chinook (*O. tshawytscha*) salmon. Between 2000 and 2013 he tracked and estimated hatchery and wild steelhead (*O. mykiss*) returns to SE Washington as part of the yearly monitoring that occurs under the Lower Snake River Compensation Plan Program. Currently, Joe is the Project Leader for Hatchery Evaluations under the LSRC Program for Washington.

CHRIS CAUDILL - University of Idaho

Chris is an Assistant Professor in the Department of Fish and Wildlife Sciences at the University of Idaho. His research interests are in the ecology and evolution of animal movement and the conservation of aquatic resources. He joined the Fish Ecology Research Lab at the University of Idaho in 2003 and has directed the FERL program since 2008, largely focusing on the migration ecology of adult salmon, Pacific lamprey, and American shad in the Columbia, Snake, and Willamette rivers. Chris earned his Ph.D in Entomology from Cornell University.

DERREK FABER - Oregon Department of Fish & Wildlife

Derrek is an ODFW Biologist and Project Leader for the Deschutes Steelhead Hatchery Stray Study and the Fifteenmile Steelhead Production Study, funded by BPA. He has worked for the Pacific NW National Laboratory, USGS, and the National Park Service as a fishery scientist, and has degrees from Colorado State and the University of Alaska.

CHRIS FREDERIKSEN - Yakama Nation

Chris has been employed by the Yakama Nation as a Fishery Biologist and Research Scientist for 12 years. His earlier work involved the development and application of salmon and steelhead life cycle models for numerous purposes, including evaluation of population performance for wild, integrated, and reintroduced stocks residing in the Yakima and Klickitat Subbasins, as well as understanding sympatric population dynamics between anadromous and resident life history forms of *O. mykiss*. More recently, Chris has undertaken the role of Project Manager for the Yakima River Steelhead M&E Project. Activities for this project focus on the collection of data needed for conducting viability analyses for steelhead populations in the Yakima River MPG.

JON HESS - Columbia River Inter-Tribal Fish Commission

Dr. Hess is a conservation geneticist working with Columbia River Inter-Tribal Fish Commission in Hagerman, Idaho since 2009. His research topics include genetic stock identification of steelhead and salmon Columbia River, Pacific lamprey genetic monitoring, and genetic basis of traits of anadromous fishes.

RICK ORME - Nez Perce Tribe

Rick has been with the Nez Perce Tribe's Department of Fisheries Resources Management for the last 15 years. He is currently working as the NPT ISEMP Project Lead with the primary responsibility for the O&M and M&E of ISEMP in-stream PIT tag arrays. Rick earned his MS in Aquatic Ecology from Utah State University.

CHRIS PINNEY - US Army Corps of Engineers

Chris received a Bachelor of Science in Zoology and a Masters of Science in Aquatic Ecology from Northern Arizona University, while serving as a Research Biologist on trophic dynamics in the Colorado River with respect to operation of Glen Canyon Dam and endemic populations occupying Montezuma Well National Monument. Since 1991, he has served as the US Army Corps of Engineers as Walla Walla District's Endangered Species Coordinator responsible for ecological research and survival hypothesis testing for aquatic resources due to Snake and Columbia River run-of-the-river dams and many subbasin diversion and flood control structures. Chris served 10+ years as a Zone Fish and Wildlife Biologist responsible for the Aquatic and Fisheries Programs including resource inventory; riparian and species composition mapping, and Habitat Evaluation Program (HEP) modeling for the Kaibab and Coconino National Forests.

DAN RAWDING - Washington Department of Fish & Wildlife

Dan is an analyst for the Washington Department of Fish and Wildlife working on Columbia River and Pacific Salmon Treaty monitoring and policy issues. He has worked on Columbia River steelhead genetic, population dynamic, abundance, survival, and harvest studies since 1985.

JIM RUZYCKI - Oregon Department of Fish & Wildlife

Jim is a Program Manager for the Oregon Department of Fish and Wildlife, fish research and monitoring program in La Grande, Oregon where he has been investigating steelhead for the past 15 years. He received his graduate degrees from Utah State University after leaving Wisconsin to come west.

BRAD TRUMBO - US Army Corps of Engineers

Brad has been a Fishery Biologist with the USACE Walla Walla District since 2011. He has a background in fisheries management and research with 15 years of experience from New England, the mid-Atlantic, and the bayous of the Gulf Coast.

REY WELDERT - Confederated Tribes of the Umatilla Indian Reservation

Rey Weldert has worked for CTUIR since 2002. He is currently the Assistant Project Leader with the Walla Walla Subbasin Salmonid Monitoring and Evaluation Project, a collaborative effort between the CTUIR, WDFW, and a Tribal accord with BPA. This project is focused on high level indicators of fish population status and trends for spring Chinook, steelhead, and bull trout in the Walla Walla Basin.

JOE ZENDT - Yakama Nation

Joe is a Fisheries Biologist with the Yakama Nation Fisheries Program, based out of their Klickitat Field Office. He focuses on monitoring and management activities in the Washington Columbia Gorge, primarily in the Klickitat River subbasin.