Anadromous Fish Committee
Columbia Basin Fish and Wildlife Authority

Project Implementation Review Conference

September 21-24, 2004
Red Lion Hotel—Richland Hanford House
Richland, Washington

In April 2004, the Columbia Basin Fish and Wildlife Authority (CBFWA) released the "*Columbia Basin Fish and Wildlife Program Project Implementation Annual Report 2003,*" (http://www.cbfwa.org) which provided an account of approximately 30% of the projects implemented through the Northwest Power and Conservation Council's (NPCC) Rolling Provincial Review and the Columbia Basin Fish and Wildlife Program. While there are reports that have provided updates on the Bonneville Power Administration's (BPA) fish and wildlife financial obligations per general purpose and species, these reports have been at a province scale and not at the subbasin and project scale. This initial effort to assess ongoing implementation activities provided a summary of location-based accomplishments and represented a concerted effort to address the lack of accountability that has plagued the Columbia River Basin.

In an effort to review the anadromous fish projects that were not evaluated during 2003, the Anadromous Fish Committee of the CBFWA is convening the Project Implementation Review Conference. The purpose of this conference is to provide project sponsors an opportunity to present accomplishments relative to the project objectives that the NPCC recommended for funding during the Rolling Provincial Review. The CBFWA believes the information presented at this conference and subsequently assembled into the 2004 Annual Report will be useful for fish and wildlife managers, subbasin planners, federal regulators, and the power industry.

The CBFWA is grateful to the fish and wildlife managers, NPCC, and BPA for their cooperation and participation in this conference.

Sincerely,

Columbia Basin Fish and Wildlife Authority

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Table of Contents

Columbia Basin Fish and Wildlife Authority
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DRAFT

Session Number	Session Name	Session Moderator	Tuesday	Wednesday	Thursday	Friday
1	Columbia Plateau	Neil Ward	Room A	Room A	Room A	Room A
2	Blue Mountain	Frank Young	Room B			
3	Mountain Snake	Tom Iverson	Room C	Room C	Room C	
4	Hatchery	Frank Young		Room B		

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Tuesday, September 21, 2004

Session Name	Columbia Plateau (North)	Blue Mountain	Mountain Snake
Session	1	2	3
Moderator	Neil Ward	Frank Young	Tom Iverson
Room	A	B	C
8:00 a.m.	***Introduction***	***Introduction***	***Introduction***
8:05	198812025: Yakima/Klickitat Fisheries Project (YKFP) Management	198402500: Grande Ronde Basin Fish Habitat Enhancement Project	198909800: Idaho Supplementation Studies
8:30	199506325: Yakima/Klickitat Fisheries Project Monitoring And Evaluation	199202601: Implement the Grande Ronde Model Watershed Program Administration and Habitat Restoration Projects	198909801: Evaluate Supplementation Studies in Idaho Rivers (ISS)
9:00	199705100: Yakama Nation Yakima/Klickitat Fisheries Project (YKFP) Yakima Side Channels	199202604: Investigate Life History of Spring Chinook Salmon and Summer Steelhead in the Grande Ronde River Basin and Monitor Salmonid Populations and Habitat	198909802: Evaluate Salmon Supplementation Studies in Idaho Rivers- Nez Perce Tribe
9:30	198506200: Passage Improvement Evaluation	199702500: Implement the Wallowa County/Nez Perce Tribe Salmon Habitat Recovery Plan	198909803: Salmon Supplementation Studies in Idaho-Shoshone-Bannock Tribes
10:00	***Break***	***Break***	***Break***
10:30	199705300: Toppenish-Simcoe Instream Flow Restoration and Assessment	199800702: Grande Ronde Supplementation: Lostine River O&M and M&E	199102800: Monitoring Smolt Migrations of Wild Snake River Spring/Summer Chinook Salmon
11:00	199803300: Restore Upper Toppenish Watershed	199800703: Facility O&M and Program M&E for Grande Ronde Spring Chinook Salmon and Summer Steelhead	199107100: Snake River Sockeye Salmon Habitat and Limnological Research
11:30	199001300: Ahtanum Creek Watershed Assessment		199107300: Idaho Natural Production Monitoring and Evaluation
12:00 p.m.	***Lunch***	***Lunch***	***Lunch***
1:00 p.m.	***Introduction***	***Introduction***	***Introduction***
1:05	200201800: Restore Riparian Corridor at Tapteal Bend, Lower Yakima River	199801003: Spawning Distribution of Snake River Fall Chinook Salmon	199405000: Salmon River Habitat Enhancement Monitoring and Evaluation
1:30	200202100: Implement Actions to Reduce Water Temperatures in the Teanaway Basin	199801004: Monitor and EvaluateYearling Snake River Fall Chinook Released Upstream of Lower Granite Dam	199703000: Chinook Salmon Adult Abundance Monitoring
2:00	200202501: Yakima Tributary Access and Habitat Program (YTAHP)	199401805: Continued Coordination and Implementation of Asotin Creek Watershed Projects	199703800: Preserve Salmonid Gametes and Establish a Regional Salmonid Germplasm Repository
2:30	200202900: Fish Passage Inventory and Corrective Actions on WDFW Lands in the Yakima Subbasin	200205000: Asotin County Riparian Buffer and Couse and Tenmile Creeks Protection and Implementation Project	199901900: Holistic Restoration of the Twelvemile Reach of the Salmon River near Challis, Idaho
3:00	***Break***	***Break***	***Break***
3:30	200203100: Growth Rate Modulation in Spring Chinook Salmon Supplementation	200205300: Assess Salmonids in the Asotin Creek Watershed	199902000: Analyze the Persistence and Spatial Dynamics of Snake River Chinook Salmon
4:00	199803300:	200205400: Protect and Restore the Asotin Creek Watershed	200204900: Evaluate Factors Influencing Bias and Precision of Chinook Salmon Redd Counts
4:30		199701501: Imnaha Smolt Survival and Smolt to Adult Return Rate Quantification	

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Wednesday, September 22, 2004

Session Name	Columbia Plateau (North)	Mountain Snake	Hatcheries
Session	**1**	**3**	**4**
Moderator	**Neil Ward**	**Tom Iverson**	**Frank Young**
Room	**A**	**C**	**B**
8:00 a.m.	***Introduction***	***Introduction***	***Introduction***
8:05	199102900: Understanding the effects of summer flow augmentation on the migratory behavior and survival of fall chinook salmon migrating through L. Granite Res.	200206300: Holistic Restoration of Critical Habitat on Non-federal Lands in the Pahsimeroi Watershed, Idaho	198335000: Nez Perce Tribal Hatchery
8:30	199401807: Garfield County Sediment Reduction and Riparian Improvement Program	200206400: Holistic Restoration of Critical Habitat on Non-federal Lands in the Lemhi Watershed, Idaho	199107200: Redfish Lake Sockeye Salmon Captive Broodstock Program
9:00	199701400: Evaluation of Juvenile Fall Chinook Stranding on the Hanford Reach	200206500: Holistic Restoration of Critical Habitat on Non-federal Lands, East Fork Salmon Watershed, Idaho	199204000: Redfish Lake Sockeye Salmon Captive Broodstock Rearing and Research
9:30	200202700:Numerically Simulating the Hydrodynamic and Water Quality Environment for Migrating Salmon in the Lower Snake River	200206600: Holistic Restoration of Habitat on Non-federal Lands, Middle Salmon-Panther Watershed, Idaho	199800704: Northeast Oregon Hatcheries Implementation (ODFW)
10:00	***Break***	***Break***	***Break***
10:30	200203200: Investigating passage of ESA-listed juvenile fall chinook salmon at Lower Granite Dam during winter when the fish bypass system is inoperable.	200206700: Holistic Restoration of Critical Habitat on Non-federal Lands, Upper Salmon Watershed, Idaho	199801001: Grande Ronde Basin Spring Chinook Captive Broodstock Program
11:00	199401806: Implement Tucannon River Model Watershed Plan to Restore Salmonid Habitat	198335003: Nez Perce Tribal Hatchery Monitoring And Evaluation	199801006: Captive Broodstock Artificial Propagation
11:30	200001700: Kelt Reconditioning	199005500: Steelhead Supplementation Studies in Idaho Rivers	198503800: Colville Tribal Fish Hatchery
12:00 p.m.	***Lunch***	***Lunch***	***Lunch***
1:00	***Introduction***	***Introduction***	***Introduction***
1:05	198402100: Protect and Enhance Anadromous Fish Habitat in The John Day Subbasin	199303501: Enhance Fish, Riparian, and Wildlife Habitat Within the Red River Watershed	199104600: Spokane Tribal Hatchery
1:30	199703400: Monitoring Fine Sediment Grande Ronde and John Day Rivers	199607705: Restore McComas Meadows/ Meadow Creek Watershed	199104700: Sherman Creek Hatchery
2:00	199801600: Monitor Natural Escapement & Productivity of John Day Basin Spring Chinook	199608600: Clearwater Focus Program	199500900: Rainbow Trout Net Pen
2:30	199801700: Eliminate Gravel Push-up Dams in Lower North Fork John Day	199706000: Clearwater Subbasin Focus Watershed Program - NPT	198343500: Umatilla Hatchery and Satellite Facility
3:00	***Break***	***Break***	***Break***
3:30	199801800: John Day Watershed Restoration	199901400: Little Canyon Creek Subwatershed-Steelhead Trout Habitat Improvement Project	198902900: Hood River Production Program—Pelton Ladder
4:00	199901000: Mitigate Effects of Runoff and Erosion on Salmonid Habitat in Pine Hollow and Jackknife	199607702: Protect and Restore Lolo Creek Watershed	198903500: Umatilla Hatchery
4:30		199607703: Protecting and Restoring the Waw'aatamnima (Fishing)(Squaw) Creek to 'Imnaamatnoon (Legendary Bear)(Papoose) Creek Watersheds Analysis Area	200001900: Tucannon River Spring Chinook Captive Broodstock Program

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Thursday, September 23, 2004

Session Name	Columbia Plateau (South)	Mountain Snake
Session	**1**	**3**
Moderator	**Neil Ward**	**Tom Iverson**
Room	**A**	**C**
8:00 a.m.	***Introduction***	***Introduction***
8:05	200003100: North Fork John Day River Subbasin Anadromous Fish Habitat Enhancement Project	199901500: Restoring Anadromous Fish Habitat in Big Canyon Watershed
8:30	200005200: Upstream Migration of Pacific lampreys in the John Day River: Behavior, Timing, and Habitat Preferences	199901600: Protect and Restore Big Canyon Creek Watershed
9:00	200203300: John Day Salmonid Recovery Monitoring Program	199901700: Protect and Restore Lapwai Creek Watershed
9:30	200203400: Wheeler SWCD Riparian Buffer Planning and Implementation	199901800: Characterize and Quantify Residual Steelhead in the Clearwater River, Idaho
10:00	***Break***	***Break***
10:30	200203500: Gilliam SWCD Riparian Buffers	200002800: Evaluate Status of Pacific Lamprey in the Clearwater River Drainage, Idaho
11:00	199404200: Trout Creek Habitat Restoration Project	200003400: Protect and Restore the North Lochsa Face Analysis Area Watersheds
11:30	199802800: Trout Creek Watershed Improvement Project	200003500: Rehabilitate Newsome Creek Watershed - South Fork Clearwater River
12:00 p.m.	***Lunch***	***Lunch***
1:00	***Introduction***	***Introduction***
1:05	200201600: Determine Lamprey Species Composition, Larval Distribution and Adult Abundance in the Deschutes Subbasin	200003600: Protect and Restore Mill Creek
1:30	200201700: Regional Stream Conditions and Stressor Evaluation	200206100: Potlatch River Watershed Restoration
2:00	200201900: Establish Riparian Buffer Systems	200206800: Evaluating Stream Habitat using the Nez Perce Tribe Fisheries/Watershed Watershed Monitoring and Evaluation Plan
2:30	198710001: Enhance Umatilla River Basin Anadromous Fish Habitat	200207000: Restoring Anadromous Fish Habitat in the Lapwai Creek Watershed.
3:00	***Break***	***Break***
3:30	198710002: Umatilla Subbasin Fish Habitat Improvement	200207200: Restore and Protect Red River Watershed
4:00	198802200: Umatilla River Fish Passage Operations	200207400: Protect and Restore Crooked Fork Creek to Colt Killed Analysis Area
4:30	198902401: Evaluate Juvenile Salmonid Outmigration and Survival in the Lower Umatilla River Basin	

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Friday, September 24, 2004

Session Name	Columbia Plateau (South)
Session	1
Moderator	Neil Ward
Room	A
8:00 a.m.	*Introduction*
8:05	199000500: Umatilla Fish Hatchery Monitoring and Evaluation
8:30	199000501: Umatilla Basin Natural Production Monitoring and Evaluation Project
9:00	199402600: Pacific Lamprey Research and Restoration
9:30	200202600: Morrow County Buffer Initiative
10:00	*Break*
10:30	200203000: Develop Progeny Marker for Salmonids to Evaluate Supplementation
11:00	199601100: Walla Walla River Juvenile and Adult Passage Improvements
11:30	199604601: Walla Walla Basin Fish Habitat Enhancement
12:00 p.m.	*Lunch*
1:00	*Introduction*
1:05	199802000: Assess Fish Habitat and Salmonids in the Walla Walla Watershed in Washington
1:30	200003300: Walla Walla River Fish Passage Operations
2:00	200003900: Walla Walla Basin Natural Production Monitoring and Evaluation Project
2:30	200203600: Walla Walla River Flow Restoration

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ABSTRACTS OF PAPERS

In alphabetical order by author’s last name
* Indicates presenter when multiple authors are listed

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Example of the format that will be used to display the abstracts and project objectives. This information will be provided for every presentation.

Project 200200800: Reconnection of Floodplain Slough to the Kootenai River; *Jason Scott, JUB*

The floodplain connectivity in the Lower Kootenai River was the cornerstone of the ecosystem. By the 1950's all of the lower Kootenai River was affected by channelization and diking and by 1974 Libby Dam was regulating the flow in the Lower Kootenai, thus eliminating the river/floodplain connectivity. We examined the feasibility and potential benefits of restoring river/floodplain connectivity at a site between Smith and Boundary Creeks, on the west side of the Kootenai River, Idaho. We estimated natural conditions and used two flow scenarios (high and average) and six alternative designs to simulate the effects of floodplain reconnection. Natural conditions were estimated at approximately 105 acres of wetlands and data were not available to precisely estimate the area of the associated slough. Based on modeled simulations of the preferred alternative at high Kootenai River flows, we expect a 198 acres of wetland inundation and a volume of 763 acre-feet. Additionally, 19.2 surface acres of deep water (≥4 ft.), low velocity habitat will be connected to the Kootenai River. During average Kootenai River flows (1974-2002) we expect 29 acres of wetland inundation, a volume of 38 acre-feet, and an additional 11.3 acres of connected, low velocity habitat.