

Summary of BPA final decision document

Numbers in **Red** are BPA FY07-09 funding levels. The three numbers prior to that are the Council recommendations.

Supplementation Projects

198805315 Hood River Adult Salmonid Trapping Facilities/Parkdale Fish Facility Expansion

Oregon Department of Fish & Wildlife (ODFW) Columbia Gorge

06 07 08 09 **07** **08 09**

0\$- 0\$- 0\$- \$- **\$500,000** \$- \$-

Budget reflects assumption of passing Phase I. [See footnote references: R3 (Close), R8 (In Lieu)]

198806400 Kootenai River Native Fish Restoration and Conservation Aquaculture

Kootenai Tribe of Idaho Mountain Columbia

\$1,395,000 \$1,970,800 \$2,465,200 \$2,866,520 **\$1,970,800** **\$1,970,800** **\$1,970,800**

As per Council recommendation, the expansion (for sturgeon and burbot) Work Element 5a, dependent upon favorable step review. Step 1 deliverable (Master plan) due July 20, 2007. Capital review needed for facility construction and land purchase in out years per step sequence.

199604000 Mid-Columbia Coho Restoration Project

Yakama Confederated Tribes Columbia Cascade

\$2,288,859 \$- \$- \$- **\$1,001,000** \$- \$-

Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

200003800 NEOH Walla Walla Hatchery - Three Step Master Planning Process

Confederated Tribes of the Umatilla Indian Reservation Columbia Plateau

\$- \$- \$- \$- **\$30,000** \$- \$-

Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

200702400 Coeur d'Alene Trout Ponds

Coeur D'Alene Tribe Intermountain

\$- \$- \$- **\$60,000** **\$60,000** **\$60,000**

Project budgeted by reducing 1990-044-00 by \$35K and 2001-032-00 by \$25K to fund basic trout pond O&M. [See footnote reference: R14 (DNF)]

200715000 Expand Salmonid Monitoring in Grays River to Meet Monitoring Needs Identified in the Lower Columbia Salmon Recovery and Subbasin Plan and maintain an at risk Chum Salmon Pop. Through Supplementation.

Washington Department of Fish and Wildlife (WDFW) Columbia Estuary

\$305,800 \$191,100 \$200,400 **\$-** **\$-** **\$-**

Other projects provide similar data.

200721200 Develop a locally-adapted summer steelhead program to supplement natural production

throughout the Okanogan River basin

Colville Confederated Tribes Columbia Cascade

\$- \$- \$- **\$100,000** \$- \$-

Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

Habitat Projects

198402100 Mainstem, Middle Fork, John Day Rivers Fish Habitat Enhancement Project

Oregon Department of Fish & Wildlife (ODFW) Columbia Plateau

\$447,889 \$340,000 \$340,000 \$340,000 **\$540,000 \$540,000 \$474,000**

Budget augmented to support on-the-ground benefits for riparian enhancement and added to renew conservation easements. [See footnote reference: R8 (In Lieu)]

198506200 Juvenile Fish Screen Evaluations in Columbia Plateau Province

Pacific Northwest National Laboratory Columbia Plateau

\$110,551 \$- \$- \$- **\$77,000** \$- \$-

See footnote references: R8 (In Lieu), R3 (Close 1yrs).

198812025 YKFP Management, Data, Habitat

Yakama Confederated Tribes Columbia Plateau

\$1,124,731 \$266,666 \$266,666 \$266,666 **\$454,000** \$- \$-

Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

198902700 Power Repay Umatilla Basin Project

Confederated Tribes of the Umatilla Indian Reservation Columbia Plateau

\$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 **\$1,150,000 \$1,150,000 \$1,150,000**

Reflects updated cost estimate by BPA. [See footnote reference: R9 (ISRP not fundable)]

199004400 Coeur D'Alene Reservation Habitat Enhancement (Coeur d'Alene Subbasin)

Coeur D'Alene Tribe Intermountain

\$1,197,873 \$1,469,899 \$1,503,127 \$1,474,634 **\$1,233,809 \$1,233,809 \$1,233,809**

Total budget is based on a 3% increase over the FY06 SOY plus \$35K which is moved to partially fund 2007-024-00, Coeur d'Alene Trout Ponds. [See footnote reference: R6 (CDA)]

199200900 Yakima Phase II/Huntsville Screen Operation & Maintenance

Washington Department of Fish and Wildlife (WDFW) Columbia Plateau

\$139,590 \$150,000 \$150,000 \$150,000 **\$170,000 \$170,000 \$144,500**

Reflects increase in O&M for the number of screens added in the last few years. [See footnote reference: R8 (In Lieu)]

199202601 Grand Ronde Model Watershed Program Habitat Restoration - Planning, Coordination and Implementation

Grande Ronde Model Watershed Foundation Blue Mountain

\$1,343,166 \$1,183,849 \$1,183,849 \$1,183,849 **\$1,554,849 \$1,713,849 \$1,683,849**

Augmentation above Council recommendation is for ESA high priority basins only, with focus on priority limiting factors from recovery plan. [See footnote reference: R17 (USFS Projects 30%)]

199206200 Yakama Nation - Riparian/Wetlands Restoration

Yakama Confederated Tribes Columbia Plateau
\$1,514,545 \$- \$- \$- ~~\$775,000~~ ~~\$750,000~~ ~~\$750,000~~

Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

199303501 Red River Restoration O & M

Idaho Department of Fish & Game Mountain Snake
\$99,570 \$- \$- \$- ~~\$79,000~~ \$- \$-

Fund for final riparian plantings to maintain channel restoration work, wildlife enclosure fence maintenance, vegetation maintenance and weed management. [See footnote reference: R3 (Close)]

199401500 Idaho Fish Screening and Passage Improvements

Idaho Department of Fish & Game Mountain Snake
\$1,000,000 \$- \$- \$- ~~\$200,000~~ ~~\$200,000~~ ~~\$200,000~~

Not all of the budget can be capitalized. O&M, preliminary investigations, reporting and associated travel, vehicles, rental costs, etc. must be expensed. [See footnote reference: R1 (Capital)]

199502800 Piscivorous Avian Resource Utilization of Moses Lake and the Relationship to Other Systems

Washington Department of Fish and Wildlife (WDFW) Columbia Plateau
\$222,702 \$- \$- \$- ~~\$111,395~~ \$- \$-

FY07 budget is for project closeout for final report writing. [See footnote reference: R3 (Close)]

199603501 Yakama Reservation Watersheds Project

Yakama Confederated Tribes Columbia Plateau
\$388,600 \$- \$- \$- ~~\$1,016,457~~ \$- \$-

Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

199604200 Restore and Enhance Anadromous Fish Populations and Habitat in Salmon Creek

Colville Confederated Tribes Columbia Cascade
\$- \$- \$- \$- ~~\$300,000~~ ~~\$379,938~~ ~~\$1,184,322~~

Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

199607703 Protect and Restore Waw'aalamnime to 'Imnamatnoon Creek Analysis Area

Nez Perce Tribe DFRM Watershed Division Mountain Snake
\$420,000 \$367,843 \$367,843 \$367,843 ~~\$367,843~~ \$- \$-

Combine this geographic area with one ongoing project, Crooked to Colt Killed Watershed, 2002-074-00 and one new project Middle Lochsa Watershed 2007-255-00. The three watersheds would then be combined to form one new project (2007-395-00: Protect and Restore the Upper Lochsa Watershed) using the budgets of the two ongoing projects. No additional funding is requested, and the scope of the project will not change. This request represents an increase in geographical area only – there is no overall change in funding or scope. [See footnote reference: R17 (USFS Projects 30%)]

199608701 Montana Focus Watershed Coordination

Salish & Kootenai Confederated Tribes Mountain Columbia

\$75,912 \$95,650 \$101,460 \$106,450 \$- \$- \$-

1996-087-01 activities (this proposal) now funded through 1991-019-01 (Hungry Horse Mitigation/ Flathead Lake). This proposal conducts the coordination, planning and contract administration for the implementation project (1991-019-01).

199705100 Yakima Basin Side Channels

Yakama Nation - YKFP Columbia Plateau

\$- \$46,666 \$46,666 \$46,666 \$500,000 \$500,000 \$500,000

Included budget for acquisitions that may arise from Council – Recommended planning budget.

199705600 Klickitat Watershed Enhancement

Yakama Confederated Tribes Columbia Gorge

\$397,414 \$- \$- \$- \$261,000 \$- \$-

Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

199801700 North Fork/Mid-John Day Fish Passage Improvement

Monument & Wheeler SWCDs Columbia Plateau

\$105,134 \$93,129 \$93,129 \$93,129 \$- \$- \$-

This project will be funded as part of 1998-018-00 to improve fish passage and riparian habitat for species with limited productivity. Determination outstanding. [See footnote reference: R1 (capital)]

199801800 John Day Watershed Restoration

Confederated Tribes of Warm Springs Reservation of Oregon Columbia Plateau

\$600,000 \$257,800 \$257,800 \$257,800 \$350,929 \$350,929 \$350,929

Project incorporates two other projects (199801700 and 200736500). [See footnote reference: R1 (Capital)]

199802100 Hood River Fish Habitat

Confederated Tribes of Warm Springs Reservation of Oregon Columbia Gorge

\$699,626 \$212,852 \$169,825 \$161,799 \$139,000 \$139,000 \$139,000

Budget reflects capitalization of some previously expensed actions (e.g., piping), [See footnote reference: R1 (Capital)]

199901000 Pine Hollow/Jackknife Habitat

Sherman County Soil & Water Conservation District (SWCD) Columbia Plateau

\$23,500 \$- \$- \$- \$18,887 \$18,887 \$18,887

Project will reduce erosion and enhance riparian habitat for ESA-listed species with low productivity. [See footnote reference: R13 (BiOp Projects Not Recommended by Council)]

199901500 Big Canyon Fish Habitat

Nez Perce Soil & Water Conservation District (SWCD) Mountain Snake

\$188,324 \$- \$- \$- \$130,000 \$- \$-

Fund to develop a joint prioritized project list in coordination with 1999-016-00 Nez Perce Tribe - Protect and Restore the Big Canyon Creek Watershed. To effectively restore habitat in this watershed, there

needs to be a joint prioritization of all projects based on highest restoration effect and not upon property boundaries or traditional areas of work. The tribal, private, state and federal lands are intermingled which requires one coordinated prioritization to assure work is completed first where it is most needed. This funding level comes from splitting the Lapwai Creek Watershed (2002-070-00) recommended funding level of \$260K in half. Funds may only be used to cooperatively develop a prioritized habitat project implementation list with the NPT. [See footnote reference: R17 (USFS Projects 30%)] [See footnote references: R10 (ISRP not fundable)]

199901900 Restore Salmon River (Challis, Idaho)

Custer County Soil & Water Conservation District (SWCD) Mountain Snake
\$170,000 \$- \$- \$- ~~\$384,236~~ ~~\$384,236~~ ~~\$384,236~~

Project to provide biological benefits for species with low productivity by securing easements combined with the significant side channel restoration funded by the Corps. This project has not changed from its original scope, i.e., to purchase easements that contain previous side channel habitat that has been cut off from the main Salmon River and in cooperation with the Corps of Engineers, reconnect the channels and restore them to natural geomorphic features. Limited project implementation and effectiveness monitoring will be developed in conjunction with the Council's overall framework for habitat project monitoring. [See footnote reference: R10 (ISRP not fundable)]

199902500 Sandy River Delta Habitat Restoration

US Forest Service (USFS) - Hood River Lower Columbia
\$235,000 \$- \$- \$- ~~\$100,000~~ ~~\$100,000~~ ~~\$100,000~~

Supports riparian work that will benefit ESA listed Fall Chinook with low productivity, but does not include bridge construction. [See footnote reference: R17 (USFS)]

200000100 Anadromous Fish Habitat & Pass

Colville Confederated Tribes Columbia Cascade
\$185,000 \$116,666 \$116,666 \$116,667 ~~\$387,666~~ ~~\$116,666~~ ~~\$116,666~~

Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

200003300 Walla Walla River Fish Passage Operations

Confederated Tribes of the Umatilla Indian Reservation Columbia Plateau
\$117,127 \$129,234 \$129,234 \$129,234 ~~\$89,000~~ ~~\$89,000~~ ~~\$89,000~~
\$67k reflects deliverables for M&E (enumeration) moved to 2000-039-00 and hatchery (fish transport) goes to 1983-435-00. Trap and Haul, which no longer occurs, was not funded. [See footnote reference: R8 (In Lieu)]

200103200 Coeur D'Alene Fisheries Enhancement, Hangman

Creek Coeur D'Alene Tribe Intermountain
\$308,874 \$572,020 \$627,168 \$621,139 ~~\$318,140~~ ~~\$318,140~~ ~~\$270,419~~

Need to complete wildlife management plan prior to channel work and other fish restoration work. P&D must be completed prior to implementation money is allocated. Fund at FY06 SOY plus 3% plus \$25,000 for 2007-024-00 Coeur d'Alene Trout Ponds which is moved to that project. [See footnote references: R8 (In Lieu), R6 (CDA)]

200103300 Hangman Restoration Project

Coeur D'Alene Tribe Intermountain

\$300,000 \$566,407 \$699,403 \$706,271 **\$300,000 \$300,000 \$300,000**

Need to complete wildlife management plan on Hangman properties and determine Hangman project on which to do instream habitat work. [See footnote reference: R6 (CDA)]

200200300 Secure & Restore Resident Fish Habitat

Salish & Kootenai Confederated Tribes Mountain Columbia

\$7,000,000 \$- \$- \$- **\$100,000 \$100,000 \$100,000**

Requires an expense budget or pre-acquisition functions to support capital acquisition funds. [See footnote references: R1 (Capital), R9 (**ISRP not fundable**)]

200202501 Yakima Tributary Access & Habitat Program

South Central Washington Resource Conservation and Development Columbia Plateau

\$880,000 \$466,666 \$4,66,666 \$ 466,666 **\$121,726 \$121,726 \$121,726**

See footnote reference: R1 (Capital).

200203400 Wheeler Co Riparian Buffers

Wheeler County Soil & Water Conservation District (SWCD) Columbia Plateau

\$79,657 \$- \$- \$- **\$71,824 \$75,815 \$75,275**

This proposal will provide technical support and planning needed to implement riparian buffers that will benefit ESA listed species with low productivity. Funding contingent upon completing ISRP responses (if needed). [See footnote reference: R13 (BiOp Projects Not Recommended by Council)]

200203500 Gilliam Co Riparian Buffers

Gilliam Soil & Water Conservation District Columbia Plateau

\$79,657 \$- \$- \$- **\$64,177 \$67,845 \$73,471**

This proposal will provide technical support and planning needed to implement riparian buffers that will benefit ESA listed species with low productivity. Funding contingent upon completing ISRP responses (if needed). [See footnote reference: R13 (BiOp Projects Not Recommended by Council)]

200205400 Protect & Restore the Asotin Creek Watershed

Nez Perce Tribe DFRM Watershed Division Blue Mountain

\$128,400 \$- \$- \$- **\$182,974 \$-**

Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

200205900 Yankee Fork Salmon River Dredge Tailings Restoration Project

Shoshone Bannock Tribes Mountain Snake

\$160,373 \$160,373 \$160,373 \$160,373 **\$350,000 \$-**

Fund continuation for one year to produce a draft implementation plan with the following components: 1) Flesh-out potential rehabilitation options for a pilot project (e.g., biological benefits, costs, and schedule), including satisfying requirements for a probable ISRP 3-step review process; 2) Baseline M&E plan; and 3) Cost share commitments.

200207000 Lapwai Cr Anadromous Habitat

Nez Perce Soil & Water Conservation District (SWCD) Mountain Snake

\$334,028 \$260,000 \$- \$- **\$130,000 \$-**

In addition to Council recommendation, fund to develop a joint prioritization of project list in coordination with 1999-017-00 NPT Protect and Restore Lapwai Creek Watershed. To effectively restore

habitat in this watershed, there needs to be a joint prioritization of all projects based on highest restoration effect and not upon property boundaries or traditional areas of work. The tribal, private, state, and federal lands are intermingled which requires one coordinated prioritization to assure work is completed first where it is most needed. Reduce this funding level by one-half to \$130K and move to Big Canyon Creek Watershed 1999-015-00 for coordinated planning with NPT. See footnotes: Limited FY07 implementation of ongoing, landowner sensitive tasks from FY06, which does not represent any new implementation, may be implemented after review and approval by BPA COTR. [See footnote reference: R17 (USFS Projects 30%)]

200300100 Manastash Crk Passage & Screening

Kittitas County Conservation District Columbia Plateau

\$400,000 \$- \$- \$- ~~\$48,726~~ ~~\$48,876~~ ~~\$45,396~~

Flow enhancements (2007-020-00) must be implemented simultaneously with passage to assure that "no net loss" occurs with consolidation. Efficiency evaluations and implementation must occur parallel to consolidation design so that facilities are sized to meet long-term (presumed to be reduced) needs. [See footnote references: R1 (Capital), R9 (~~ISRP not fundable~~)]

200301100 Columbia R/Estuary Habitat

Lower Columbia River Estuary Partnership (LCREP) Columbia Estuary

\$1,000,000 \$1,016,000 \$1,016,000 \$1,016,000 ~~\$1,500,000~~ ~~\$1,500,000~~ ~~\$1,500,000~~

To fully realize benefits for species with low productivity, budget augmented for increased habitat work.

200301300 Grays River Watershed Restoration

Columbia River Estuary Study Taskforce (CREST) Columbia Estuary

\$325,348 \$400,000 \$101,612 \$100,000 ~~\$250,000~~ ~~\$550,000~~ ~~\$400,000~~

To fully realize benefits for species with low productivity, budget augmented for increased habitat work.

200703700 North Fork Toutle River Fish Passage

Steward and Associates Lower Columbia

\$98,910 \$89,670 \$121,270 ~~\$-~~ ~~\$-~~ ~~\$-~~

Not an FCRPS priority.

200704200 UPA Wenatchee Passage Program

Chelan County Natural Resources Department Columbia Cascade

~~\$-~~ ~~\$-~~ ~~\$-~~ ~~\$48,105~~ ~~\$400,950~~ ~~\$20,745~~

BPA funding to replace barrier culverts to improve passage for target populations with low productivity. [See footnote reference: R13 (BiOp Projects not recommended by Council)]

200706400 Protect and Restore Slate Creek

Nez Perce Tribe Dept. Fisheries Resource Management Watershed Division Mountain Snake

\$80,000 \$80,000 \$80,000 ~~\$80,000~~ ~~\$80,000~~ ~~\$160,373~~

Budget augmented for increased habitat work to fully realize benefits for species with low productivity. [See footnote reference: R13 (BiOp Projects not recommended by Council)]

200706500 Coordinate and implement tributary habitat restoration in the Little Salmon River and lower Salmon River Idaho

Idaho Soil and Water Conservation District Mountain Snake

~~\$-~~ ~~\$-~~ ~~\$-~~ ~~\$65,000~~ ~~\$-~~ ~~\$-~~

Budget for completion of Squaw Creek culvert replacement realize to benefit species with low productivity. [See footnote reference: R13 (BiOp Projects not recommended by Council)]

200712000 Malheur Subbasin Habitat Restoration and Fish Enhancement – Logan Valley

Project Burns Paiute Tribe Middle Snake

\$29,209 \$91,206 \$104,000 \$- \$- \$-

No resident fish crediting mechanism to use expense funds for pre-acquisition activities and capital funds for land purchases. [See footnote reference: R8 (In Lieu).

200712700 Reestablish Connectivity and Restore Fish Habitat in the East Fork of the South Fork Salmon River Watershed

Nez Perce Tribe DFRM Watershed Division Mountain Snake

\$- \$- \$- \$260,000 \$391,360 \$266,240

Budget for habitat enhancement in low productivity habitat area. See footnote reference: R13 (BiOp) R17 (USFS Ongoing).

200713700 Open Channels

Friends of the Teton River Upper Snake

\$150,000 \$150,000 \$- \$- \$- \$-

The discussions and agreements among responsible entities, as called for in the Council's 1995 F&W Program have not yet taken place. Findings on Section 10.5B. As BPA commented in 1995, F&W program amendments, it may not be an FCRPS responsibility to mitigate above Hells Canyon dam if not affected by the construction or operation of Black Canyon, Anderson Ranch, Boise Diversion, Minidoka, or Palisades Reservoirs.

200714500 Okanogan Livestock and Water

Okanogan Soil & Water Conservation District (SWCD) Columbia Cascade

\$- \$- \$- \$51,056 \$43,616 \$27,616

Provides mechanism to improve riparian conditions and water quality for steelhead with low productivity. [See footnote reference: R13 (BiOp Projects Not Recommended by Council)]

200714700 Willamette Flow Management

Project Nature Conservancy Lower Columbia

\$141,200 \$121,375 \$147,250 \$- \$- \$-

Willamette Basin BiOp is under development and is anticipated to further define this issue.

200714900 Pend Oreille Nonnative Fish Suppression Project

Kalispel Tribe Intermountain

\$596,785 \$405,591 \$400,959 \$235,041 \$147,591 \$142,959

Decision reflects budget for objective 2 for managing brook and cutthroat trout, as recommended by the Council. All elements of Objective 2 for suppressing lake trout are excluded consistent with ISRP review and Council recommendation.[See footnote reference: R8 (In Lieu)

200717000 South Fork Snake River Yellowstone cutthroat trout recruitment and survival improvement

Idaho Department of Fish & Game Upper Snake

\$205,100 \$357,400 \$688,343 \$- \$- \$-

The discussions and agreements among responsible entities, as called for in the Council's 1995 F&W Program have not yet taken place. Findings on Section 10.5B. As BPA commented in 1995, F&W program amendments, it may not be an FCRPS responsibility to mitigate above Hells Canyon dam if not affected

by the construction or operation of Black Canyon, Anderson Ranch, Boise Diversion, Minidoka, or Palisades Reservoirs.

200717100 Malheur River Subbasin

Habitat Restoration and Fish Enhancement–Stinkingwater Project

Burns Paiute Tribe Middle Snake

\$65,560 \$99,972 \$194,887 \$- \$- \$-

No resident fish crediting mechanism to use expense funds for pre-acquisition activities and capital funds for land purchases. [See footnote reference: R9 (ISRP Not Fundable)]

200717200 UPA Project - MVID West Canal Diversion and Headworks

Methow Salmon Recovery Foundation Columbia Cascade

\$- \$- \$- \$249,900 \$8,720 \$11,960

Project improves stream conditions for populations with low productivity populations in Methow. Funding contingent upon completing ISRP responses (if needed). See footnote reference: R13 (BiOp Projects Not Recommended by Council).

200721000 Mores Creek Watershed Floodplain and Habitat Restoration: Design and Implementation

West Central Highlands Resource Conservation and Development Council Middle Snake

\$665,000 \$455,500 \$523,000 \$- \$- \$-

The discussions and agreements among responsible entities, as called for in the Council's 1995 F&W Program have not yet taken place. Findings on Section 10.5B. As BPA commented in 1995, F&W program amendments, it may not be an FCRPS responsibility to mitigate above Hells Canyon dam if not affected by the construction or operation of Black Canyon, Anderson Ranch, Boise Diversion, Minidoka, or Palisades Reservoirs.

200721400 UPA Project - Fender Mill Floodplain Restoration - Phase 1

Methow Salmon Recovery Foundation Columbia Cascade

\$- \$- \$- \$101,713 \$10,104 \$13,680

Project to restore channel and improve access and riparian for low productivity populations in Methow. [See footnote reference: R13 (BiOp Projects Not Recommended by Council)]

200721900 Clackamas Watershed Prioritized Fish Passage Barrier Removal

Clackamas River Basin Council Lower Columbia

\$21,520 \$100,520 \$20,020 \$- \$- \$-

Fish and wildlife populations in the Clackamas have not been greatly affected by the FCRPS thus not a BPA responsibility.

200722400 Implementation of the Okanogan Subbasin Plan. Initiate a Programmatic and Sequenced set of Key Habitat Restoration and Protection Actions

Colville Confederated Tribes Columbia Cascade

\$- \$- \$- \$237,364 \$560,404 \$643,592

Habitat actions addressing limiting factors for species with low productivity. This project will require the Columbia Basin Water Trust Program [See footnote reference: R13 (BiOp Projects Not Recommended by Council)]

200722900 Development of protocols and priorities for re-establishing naturally reproducing populations of Upper Willamette River Chinook Salmon above US Army Corps of Engineers dams in the Willamette Subbasin

Oregon Department of Fish & Wildlife (ODFW) Lower Columbia

\$- \$- \$364,001 \$- \$- \$-

Passage at dams is Corps' responsibility

200724500 Protect and Restore the Joseph Creek Watershed

Nez Perce Tribe Blue Mountain

\$120,000 \$120,000 \$120,000 \$- \$- \$-

Combined with 2007-393-00. Implementation funds for habitat protection for fish stocks with low productivity may be requested through Grande Ronde Watershed Program.

200724600 Restoration of bull trout passage at Albeni Falls Dam using a trap-and-haul approach in conjunction with investigations to assess effectiveness of rapid genetic analysis in assigning natal tributary

Kalispel Tribe Intermountain

\$756,658 \$385,662 \$411,495 \$416,160 \$300,000 \$325,000

Decision does not include development of trap or other activities associated with passage. Budget will be developed in contracting.

200725100 UPA Project - Methow Valley Irrigation District East Diversion Dam Replacement

Methow Valley Irrigation District Columbia Cascade

\$- \$- \$- \$35,840 \$434,240 \$23,840

Project will remove diversion dam and provide side channel access to benefit low productivity populations in Methow. [See footnote reference: R13 (BiOp Projects Not Recommended by Council)]

200728300 UPA Wenatchee Subbasin Access Proposal

Chelan County Natural Resources Department Columbia Cascade

\$- \$- \$- \$300,000 \$1,000,000 \$1,000,000

BiOp priority. Funding for culvert replacement contingent upon completing ISRP responses. May qualify for Capital. [See footnote reference: R10 (ISRP not fundable)]

200731600 McKenzie Canyon Irrigation Project

Deschutes River Conservancy Columbia Plateau

\$- \$- \$30,000 \$- \$- \$-

Not an FCRPS priority; project is non-FCRPS dams that block anadromous fish passage. Project addresses impacts unrelated to FCRPS.

200733200 Mitigation of marine-derived nutrient loss in the Boise-Payette-Weiser subbasin.

Idaho Department of Fish & Game Middle Snake

\$352,213 \$361,260 \$368,685 \$- \$- \$-

The discussions and agreements among responsible entities, as called for in the Council's 1995 F&W Program have not yet taken place. Findings on Section 10.5B. As BPA commented in 1995, F&W program amendments, it may not be an FCRPS responsibility to mitigate above Hells Canyon dam if not affected by the construction or operation of Black Canyon, Anderson Ranch, Boise Diversion, Minidoka, or Palisades Reservoirs.

Wildlife Projects

199106100 Swanson Lake Wildlife Mitigation Project (Swanson Lakes Wildlife Area)

Washington Department of Fish and Wildlife (WDFW) Columbia Plateau

\$219,408 \$83,333 \$83,333 \$83,333 **\$214,186 \$210,331 \$186,497**

Funds needed for O&M on lands previously owned by WDFW. [See footnote references: R8 (In Lieu), R18 (wildlife)]

199404400 Enhance, protect and maintain shrub-steppe habitat on the Sagebrush Flat Wildlife Area (SFWA)

Washington Department of Fish and Wildlife (WDFW) Columbia Cascade

\$249,362 \$100,000 \$100,000 \$100,000 **\$249,360 \$215,050 \$215,050**

Funds needed for O&M on lands previously owned by WDFW. [See footnote reference: R8 (In Lieu), R18 (wildlife)]

199609401 Scotch Creek Wildlife Area

Washington Department of Fish and Wildlife (WDFW) Columbia Cascade

\$289,224 \$200,000 \$200,000 \$200,000 **\$289,224 \$217,092 \$217,092**

Funds needed for O&M on lands previously owned by WDFW. [See footnote reference: R8 (In Lieu), R18 (wildlife)]

200102700 Western Pond Turtle Recovery - Columbia River Gorge - Washington

Washington Department of Fish and Wildlife (WDFW) Columbia Gorge

\$89,000 \$- \$- \$- **\$89,000 \$89,000 \$89,000**

Funding beyond current contract period contingent upon wildlife HU credit approved for past and current project actions. [See footnote reference: R18 (wildlife)]

200201400 Sunnyside Wildlife Mitigation

Washington Department of Fish and Wildlife (WDFW) Columbia Plateau

\$235,000 \$90,000 \$90,000 \$90,000 **\$234,755 \$199,750 \$199,750**

Funds needed for O&M on lands previously owned by WDFW. [See footnote reference: R18 (wildlife)]

200301200 Shillapoo Wildlife Area

Washington Department of Fish and Wildlife (WDFW) Lower Columbia

\$253,430 \$190,000 \$190,000 \$190,000 **\$253,430 \$198,689 \$198,689**

Funds needed for O&M on lands previously owned by WDFW. [See footnote reference: R18 (wildlife)]

200600300 Desert Wildlife Area O&M (Wetland Enhancement)

Washington Department of Fish and Wildlife (WDFW) Columbia Plateau

\$228,000 \$- \$- \$- **\$166,281 \$143,002 \$143,002**

Funds needed for O&M on lands previously owned by WDFW. [See footnote reference: R10 (ISRP not fundable), R18 (wildlife)]

200600400 Wenas Wildlife Area O&M

Washington Department of Fish and Wildlife (WDFW) Columbia Plateau

\$342,000 \$333,333 \$333,333 \$333,333 **\$341,908 \$263,406 \$263,406**

Funds needed for O&M on lands previously owned by WDFW. [See footnote references: R8 (In Lieu),

200600500 Asotin Creek Wildlife Area O&M (Schlee Acquisitions)

Washington Department of Fish and Wildlife (WDFW) Blue Mountain

\$175,000 \$77,000 \$77,000 \$77,000 **\$150,532 \$147,642 \$147,642**

Funds needed for O&M on lands previously owned by WDFW. [See footnote reference: R18 (wildlife)]

Predation / Harvest Projects

199007700 Dev Of Systemwide Predator Control for Northern Pikeminnows.

Pacific States Marine Fisheries Commission (PSMFC) Mainstem

\$3,770,000 \$3,000,000 \$3,000,000 \$3,000,000 **\$3,700,000 \$3,700,000 \$3,700,000**

Sustains 2006 budget levels which reflects project's high value as onsite mitigation for both ESA listed and non-ESA listed Salmon.

199702400 Avian Predation on Juvenile Salmonids in the Lower Columbia River

Oregon State University Mainstem

\$470,000 \$470,000 \$470,000 \$470,000 **\$505,000 \$505,000 \$505,000**

Increase in budget to reflect within-year adjustments and to fully fund photogrammetry component.

200724900 Evaluation of Live Capture, Selective Fishing Gear

Colville Confederated Tribes Basinwide

\$130,000 \$185,000 \$185,000 **\$350,000 \$254,800 \$264,000**

Final budget will be negotiated during contracting to support priority objectives.

Research, Monitoring and Evaluation Projects

198201301 Coded-Wire Tag Recovery

Pacific States Marine Fisheries Commission (PSMFC) Basinwide

\$2,028,757 \$2,130,195 \$2,130,195 \$2,130,195 **\$2,028,757 \$2,028,757 \$1,724,443**

See footnote reference: R8 (In Lieu), R11(M&E).

198201302 Annual Stock Assessment - Coded Wire Tag Program (ODFW)

Oregon Department of Fish & Wildlife (ODFW) Basinwide

\$217,881 \$228,775 \$228,775 \$228,775 **\$217,881 \$217,881 \$185,199**

See footnote references: R8 (In Lieu), R11 (M&E).

198201303 Coded Wire Tag - USFWS

US Fish & Wildlife Service (USFWS) Basinwide

\$110,036 \$115,538 \$115,538 \$115,538 **\$110,036 \$110,036 \$93,531**

See footnote reference: R8 (In Lieu).

198201304 Coded Wire Tag - WDFW

Washington Department of Fish and Wildlife (WDFW) Basinwide

\$319,137 \$335,094 \$335,094 \$335,094 **\$319,137 \$319,137 \$271,266**

See footnote references: R8 (In Lieu), R11 (M&E)

198805303 Hood River Production M&E

Confederated Tribes of Warm Springs Reservation of Oregon Columbia Gorge
\$516,646 \$540,000 \$540,000 \$540,000 \$516,646 \$516,646 \$516,646
See footnote reference: R11 (M&E).

198805304 Hood River Production Program - ODFW M&E

Oregon Department of Fish & Wildlife (ODFW) Columbia Gorge
\$474,485 \$530,000 \$530,000 \$530,000 \$474,485 \$474,485 \$474,485
See footnote reference: R11 (M&E).

198902401 Evaluation of Juvenile Salmonid Outmigration and Survival in the Lower Umatilla River Basin.

Oregon Department of Fish & Wildlife (ODFW) Columbia Plateau
\$306,235 \$- \$- \$- \$50,000 \$- \$-
Project will close. Budgeting for some PIT tagging activities to evaluate hatchery fish will be moved for one year to project 1990-005-00. [See footnote reference: R3 (Close)]

198909600 Genetic Monitoring of Snake River Chinook Salmon and Steelhead

Northwest Fisheries Science Center Basinwide
\$460,500 \$483,525 \$483,525 \$483,525 \$460,500 \$460,500 \$391,425
See footnote reference: R11 (M&E).

199000500 Umatilla Hatchery - M&E

Oregon Department of Fish & Wildlife (ODFW) Columbia Plateau
\$572,848 \$572,848 \$572,848 \$572,848 \$670,932 \$629,968 \$629,968
Budget reflects core hatchery evaluation at \$572,848, increased \$9,536 (to reflect Council-approved within Year request for increased and ongoing Fish Health at Umatilla Hatchery). Increased costs (\$6,620) for Fish Health that used to be covered under 1983-435-00 (at Little White Salmon Hatchery) are now under this project. Finally, core hatchery monitoring (ongoing tasks for Umatilla and mainstem PIT tagging of hatchery fish) that used to be covered under project 1989-024-01 (\$81,928) was added for 1 year only. Out years for ongoing Umatilla PIT tagging of hatchery fish is reduced, with the expectation of increased cost sharing. [See footnote reference: R8 (In Lieu), R11 (M&E)]

199008000 Columbia Basin Pit- Tag Information System.

Pacific States Marine Fisheries Commission (PSMFC) Basinwide
\$2,431,442 \$2,500,000 \$2,500,000 \$2,500,000 \$2,431,442 \$2,431,000 \$2,066,350
See footnote reference: R8 (In Lieu), R11 (M&E).

199105100 M&E Statistical Support For Life- Cycle Studies

University of Washington Basinwide
\$394,655 \$414,388 \$414,388 \$414,388 \$394,655 \$394,655 \$394,655
See footnote reference: R11 (M&E).

199107100 Snake River Sockeye Salmon Habitat and Limnological Monitoring

Shoshone Bannock Tribes Mountain Snake
\$455,756 \$291,096 \$291,096 \$291,096 \$365,000 \$365,000 \$365,000
Budget augmented to comply with environmental permitting and meet minimal monitoring to insure adequate carrying capacity for this ESA listed species.

199202604 Investigate Life History Of Spring Chinook Salmon and Summer Steelhead in the Grande Ronde River Subbasin

Oregon Department of Fish & Wildlife (ODFW) Blue Mountain
\$949,504 \$820,000 \$820,000 \$820,000 **\$820,000 \$656,000 \$557,600**
See footnote reference: R8 (In Lieu), R11 (M&E).

199305600 Research to advance hatchery reform, including captive broodstocks

Northwest Fisheries Science Center Mainstem
\$1,468,100 \$1,000,000 \$1,000,000 \$1,000,000 **\$1,000,000 \$500,000 \$200,000**
Reduction in FY08-09 reflects concerns regarding roles and responsibilities for funding. [See footnote reference: R8 (In Lieu)]

199402600 Pacific Lamprey Research and Restoration Project

Confederated Tribes of the Umatilla Indian Reservation Columbia Plateau
\$501,090 \$- \$- **\$296,000 \$- \$-**
Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

199405400 Migratory Patterns, Structure, Abundance and Status of Bull Trout Populations in Subbasins of the Columbia Gorge, Columbia Plateau and Blue Mountain Provinces

Oregon Department of Fish & Wildlife (ODFW) Basinwide
\$490,750 \$- \$- **\$313,641 \$- \$-**
Budget reflects estimated contract closeout costs. [See footnote references: R3 (Close), R20 (Bull Trout)]

199501100 Chief Joseph Kokanee Enhancement

Colville Confederated Tribes Intermountain
\$442,933 \$512,871 \$512,871 \$512,871 **\$387,340 \$387,340 \$387,340**
Initial '07 budget level based on negotiation that discontinues the strobe light portion of the project. Any increased '07 budget contingent on outcome of a workshop with the ISRP to address ISRP concerns, and review of the highest priority RM&E for the program. Obj. 1, work element 3 is dependent upon favorable step review. Budget in out years contingent upon review of Lake Roosevelt Kokanee program.

199506325 Yakima Klickitat Fisheries Project - Monitoring And Evaluation

Yakama Nation and WDFW Columbia Plateau
\$4,100,251 \$4,500,000 \$4,500,000 \$4,500,000 **\$4,100,251 \$4,100,251 \$4,100,251**
As per Council recommendation, project proponent should develop a Master Plan for fall chinook and coho elements of the project. FY07 budget levels consistent with other Plateau Yakama River projects, i.e. maintaining FY06 SOY or less. [See footnote references: R8 (In Lieu), R11 (M&E), YKFP review]

199602100 Gas Bubble Disease Research & Monitoring of Juvenile Salmonids

Columbia River Research Laboratory Basinwide
\$16,885 \$20,954 \$22,143 \$23,718 **\$16,885 \$16,885 \$16,885**
See footnote reference: R11 (M&E).

199701501 Imnaha River Smolt to Adult Return Rate and Smolt Monitoring Project

Nez Perce Tribe Blue Mountain
\$263,246 \$- \$- **\$263,246 \$- \$-**

Current BiOp priority, subject to continuing Remand collaborative discussions. [See footnote reference: R3 (Close)]

199703800 Listed Stock Chinook Salmon Gamete Preservation

Nez Perce Tribe Mainstem

\$308,447 \$65,000 \$65,000 \$65,000 \$421,000 \$65,000 \$65,000

Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

199800200 Snake River Native Salmonid Assessment

Idaho Department of Fish & Game Middle Snake

\$320,806 \$341,520 \$351,766 \$362,320 \$105,000 \$- \$-

Fish population status monitoring is a low priority for BPA. [See footnote reference: R3 (Close)]

199801004 Monitor and Evaluate Performance of Juvenile Snake River Fall Chinook Salmon from Fall Chinook Acclimation Facilities

Nez Perce Tribe Blue Mountain

\$307,176 \$- \$- \$- \$307,176 \$307,176 \$307,176

This project implements RPA 177 under the 2000 BiOp, was included under the 2004 UPA and is a part of the Action Agencies 2005-2007 Implementation Plan as a status monitoring project to monitor and evaluate survival and performance of yearling fall chinook from FCAP facilities. [See footnote references: R11 (M&E), R10 (ISRP Not Fundable)]

199801400 Ocean Survival Of Salmonids

National Oceanic & Atmospheric Administration (NOAA) Basinwide

\$1,820,600 \$2,170,600 \$2,170,600 \$2,170,600 \$1,820,600 \$1,820,600 \$1,820,600

Budget held at FY06 level. [See footnote reference: R8 (In Lieu)]

199801600 Salmonid Productivity, Escapement, Trend, and Habitat Monitoring in the John Day River Subbasin

Oregon Department of Fish & Wildlife (ODFW) Columbia Plateau

\$880,000 \$700,000 \$700,000 \$700,000 \$634,479 \$600,000 \$600,000

Reflects reduced scope and increased cost share. [See footnote reference: R11 (M&E)]

199900301 Evaluate Spawning of Fall Chinook and Chum Salmon Just Below the Four Lowermost Mainstem Dams

Oregon Department of Fish & Wildlife (ODFW) Mainstem

\$779,586 \$779,586 \$779,586 \$779,586 \$779,586 \$200,000 \$100,000

Reflects reduction in scope to provide information used for operations decisions. [See footnote reference: R11 (M&E)]

199902000 Analyze Chinook Salmon Spatial and Temporal Dynamics and Persistence

US Forest Service (USFS) - Rocky Mt Research Station Basinwide

\$100,000 \$88,154 \$92,485 \$97,035 \$48,154 \$- \$-

Fish population status monitoring is a low priority for BPA. Smart close to wrap up technique evaluation. [See footnote reference: R3 (Close)]

20000400 Monitor, Protect, and Rehabilitation of Bull Trout and Westslope Cutthroat Trout Habitat in the Upper Kootenay River

Subbasin Ministry of Environment Mountain Columbia

\$62,000 \$63,000 \$63,000 \$63,000 \$22,000 \$- \$-

Project in Canada is not primarily focused on gathering information on effects of FCRPS. [See footnote reference: R3 (Close)]

200001200 Evaluate Factors Limiting Columbia River Chum Salmon

USFWS-Columbia River Fisheries Program Office Lower Columbia

\$263,888 \$151,666 \$151,666 \$151,666 \$151,666 \$- \$-

Sufficient information already developed below Bonneville Dam from this project about how to operate the dam. Project 1999-003-01, Salmon Spawning Below Lower Columbia Dams continues to collect information on chum to support operational decisions. [See footnote reference: R3 (Close)]

200001400 Evaluate Population Dynamics And Habitat Use Of Lampreys In Cedar Creek (Lewis River Subbasin), Washington.

USFWS-Columbia River Fisheries Program Office Lower Columbia

\$204,465 \$- \$- \$- \$30,000 \$- \$-

Closeout project with a new contract of \$30K for final data analysis and report writing which will be completed by 12/31/07. [See footnote reference: R3 (Close)]

200002800 Eval Pacific Lamprey In Clearwater

Idaho Department of Fish & Game Mountain Snake

\$82,913 \$- \$- \$- \$23,643 \$- \$-

FY07 budget is for project closeout for final report writing. [See footnote references: R3 (Close), R19 (Lamprey)]

200003900 Walla Walla Subbasin Collaborative Salmonid Monitoring & Evaluation Project

Confederated Tribes of the Umatilla Indian Reservation Columbia Plateau

\$522,546 \$914,360 \$914,360 \$914,360 \$713,796 \$713,796 \$713,796

Reflects flat line from combination with project 1998-020-00 and an increase of \$17K for enumeration at Nursery Bridge that was previously under project 2000-033-00. [See footnote reference: R11 (M&E)]

200100300 Adult Pit Detector Installation

Pacific States Marine Fisheries Commission (PSMFC) Basinwide

\$200,000 \$245,491 \$184,235 \$134,742 \$245,491 \$245,491 \$245,491

[See footnote reference: R11 (M&E)]

200102800 Banks Lake Fishery Evaluation Project

Washington Department of Fish and Wildlife (WDFW) Columbia Plateau

\$419,000 \$- \$- \$- \$134,064 \$- \$-

FY07 budget is for project closeout for final report writing. [See footnote reference: R3 (Close)]

200105300 Reintroduction of Chum Salmon into Duncan Creek

Pacific States Marine Fisheries Commission (PSMFC) Lower Columbia

\$294,949 \$158,333 \$158,333 \$158,333 \$232,776 \$158,333 \$158,033

Funding to complete basic work of maintaining chum in hatchery, data analysis and report writing requires an additional \$60K through 9/30/2007. Anticipate continuation of project in maintenance mode at reduced funding level in FY08-09.

200201600 Evaluate the Status of Pacific Lamprey in the Lower Deschutes River Subbasin, Oregon

Confederated Tribes of Warm Springs Reservation of Oregon Columbia Plateau

\$107,971 \$132,000 \$132,000 \$132,000 \$108,000 \$- \$-

Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

200203000 Develop Progeny Marker for Salmonids to Evaluate Supplementation

Confederated Tribes of the Umatilla Indian Reservation Basinwide

\$177,000 \$176,333 \$176,333 \$176,334 \$297,000 \$- \$-

Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

200203100 Growth modulation in salmon supplementation

National Oceanic & Atmospheric Administration (NOAA) Basinwide

\$337,000 \$353,850 \$353,850 \$353,850 \$337,000 \$337,000 \$176,900

See footnote reference: R11 (M&E)

200203200 Snake River fall Chinook salmon life history investigations

US Geological Survey (USGS) - Cook Basinwide

\$131,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,300,000 \$1,500,000 \$1,500,000

See footnote reference: R11 (M&E)

200203700 Freshwater Mussel Research and Restoration Project

Confederated Tribes of the Umatilla Indian Reservation Basinwide

\$237,000 \$- \$- \$- \$233,000 \$- \$-

Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

200205300 Assess Salmonids Asotin Cr Ws

Washington Department of Fish and Wildlife (WDFW) Blue Mountain

\$213,000 \$212,000 \$212,000 \$212,000 \$199,400 \$100,000 \$-

Fish population status monitoring is a low priority for BPA. Initiate 2-year closeout. [See footnote reference: R4 (Close 2yrs)]

200300700 Lower Columbia River and Estuary Ecosystem Monitoring

Lower Columbia River Estuary Partnership (LCREP) Columbia Estuary

\$625,000 \$411,000 \$411,000 \$411,000 \$625,000 \$625,000 \$625,000

See footnote reference: R11 (M&E).

200300900 Canada-USA Shelf Salmon Survival Study

Canada Department Of Fisheries & Oceans Basinwide

\$250,000 \$191,664 \$191,664 \$191,664 \$341,664 \$434,000 \$434,000

Planning budget augmented to support sufficient ship time.

200301000 Historic Habitat Opportunities and Food-Web Linkages of Juvenile Salmon in the Columbia River Estuary and Their Implications for Managing River Flows and Restoring Estuarine Habitat

National Oceanic & Atmospheric Administration (NOAA) Basinwide

\$606,000 \$- \$- \$- **\$606,000 \$606,000 \$515,100**

Fund to continue high priority BiOp RM&E in estuary. [See footnote reference: R8 (In Lieu)]

200301700 Integrated Status and Effectiveness Monitoring Program (ISEMP): The design and evaluation of monitoring tools for salmon populations and habitat in the Interior Columbia River Basin.

Northwest Fisheries Science Center Basinwide

\$2,840,000 \$1,836,000 \$1,836,000 \$1,836,000 **\$2,200,000 \$2,200,000 \$2,200,000**

Planning budget augmented to support priority BiOp objectives.

[See footnote reference: R11 (M&E)]

200302200 Okanogan Basin Monitoring and Evaluation Project (OBMEP)

Colville Confederated Tribes Columbia Cascade

\$763,482 \$391,333 \$391,333 \$391,333 **\$516,333 \$- \$-**

Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

200303600 CBFWA Collaborative Systemwide Monitoring and Evaluation Program

Columbia Basin Fish & Wildlife Authority (CBFWA) Basinwide

\$968,802 \$984,500 \$984,500 \$- **\$984,500 \$500,000 \$-**

See footnote reference: R4 (Close 2yrs), R1 (M&E)

200303900 Monitor Repro In Wenat/Tuc/Kal

WDFW and NOAA Columbia Cascade

\$448,728 \$- \$- \$- **\$448,728 \$448,728 \$448,728**

Research to address critical uncertainty on reproductive success. [See footnote reference: R11 (M&E)]

200304100 Evaluate Delayed (Extra) Mortality Associated with Passage of Yearling Chinook Salmon through Snake River Dams

Northwest Fisheries Science Center Basinwide

\$1,200,000 \$979,817 \$979,817 \$979,817 **\$1,328,500 \$1,328,500 \$1,328,500**

[See footnote reference: R11 (M&E)]

200306000 Evaluating relative reproductive success of wild and hatchery origin Snake River fall Chinook spawners upstream of Lower Granite Dam

Washington Department of Fish and Wildlife (WDFW) Basinwide

\$140,000 \$28,979 \$- \$- **\$119,116 \$100,739 \$36,560**

Fall Chinook hatchery supplementation programs above Lower Granite Dam (i.e., Lyons Ferry and NPTH) are intended to boost natural production. This project should provide some resolutions on the relative contribution of hatchery fish to natural production. This project will end in FY09 as requested by sponsors. [See footnote reference: R8 (In Lieu), R5 (Close 3yrs.)]

200306500 Klickitat River Cooperative Evaluation Program (Formerly Bull Trout Presence, Origin, and Movements In Bonneville Reservoir)

Washington Department of Fish and Wildlife (WDFW) Mainstem

\$305,000 \$- \$- \$- **\$200,000 \$- \$-**

FY07 budget is for project closeout for final report writing. [See footnote references: R3 (Close), R20 (Bull Trout)]

200500100 Pilot Study for Research, Monitoring, and Evaluation of Subyearling Salmon in Tidal Freshwater of the Columbia River

Pacific Northwest National Laboratory Lower Columbia

\$450,000 \$- \$- \$- **\$450,000 \$450,000 \$450,000**

Budgeted to continue high priority RM&E in the estuary. [See footnote reference: R11 (M&E)]

200600600 Habitat Evaluation Procedures (HEP)

Columbia Basin Fish & Wildlife Authority (CBFWA) Mainstem

\$187,000 \$222,000 \$222,000 \$222,000 **\$297,000 \$297,000 \$297,000**

Interim budget level to accomplish HEP surveys for new wildlife acquisitions, fish acquisitions with wildlife benefits, and follow-up HEP to assess enhanced values on past acquisitions. Additional work on a crediting process is needed for Willamette Basin wildlife (CHAPS). [See footnote references: R11 (M&E), R18 (wildlife)]

200703200 Potential effects of the invasive New Zealand mudsnail in tributaries of Bonneville Reservoir and the Deschutes River, (Potamopyrgus antipodarum).

US Geological Survey (USGS) - Cook Columbia Gorge

\$23,333 \$23,333 \$23,333 **\$- \$- \$-**

Aquatic nuisance tributary evaluation not a BPA priority or primary responsibility.

200703800 Preserving/Enhancing Bull Trout and Westslope Cutthroat Trout within the Upper Pend Oreille Basin.

Idaho Department of Fish & Game Intermountain

\$291,568 \$291,568 \$291,568 **\$- \$- \$-**

New bull trout projects are not a high priority for BPA. [See footnote reference: R20 (Bull trout)].

200704600 Steelhead Spawning Ground Surveys, Flow, and Temperature Monitoring of Small Tributaries of the Upper Middle Mainstem Columbia River.

Washington Department of Fish and Wildlife (WDFW) Columbia Cascade

\$58,333 \$58,333 \$58,334 **\$- \$- \$-**

Fish population status monitoring is a low priority for BPA.

200708300 Grande Ronde Cooperative Salmonid Monitoring and Evaluation Project

Confederated Tribes of the Umatilla Indian Reservation Blue Mountain

\$- \$- \$- \$147,624 \$147,624 \$147,624

Funds transferred from 1998-007-03 which is the O&M portion of this project. [See footnote reference: R11 (M&E)]

200709600 Wildlife Inventory and Habitat Evaluation of Duck Valley Indian Reservation

Shoshone Paiute Tribes Middle Snake

\$159,480 \$162,666 \$142,228 **\$- \$- \$-**

The discussions and agreements among responsible entities, as called for in the Council's 1995 F&W Program have not yet taken place. Findings on Section 10.5B. As BPA commented in 1995, F&W program amendments, it may not be an FCRPS responsibility to mitigate above Hells Canyon dam if not affected

by the construction or operation of Black Canyon, Anderson Ranch, Boise Diversion, Minidoka, or Palisades Reservoirs.

200710900 Aquatic Nuisance Species monitoring and outreach program for the Mountain Columbia province (Montana portion) of the Columbia River Basin

Montana Department of Fish, Wildlife and Parks Mountain Columbia

\$51,739 \$43,473 \$43,473 \$- \$- \$-

Generally, establishment of an Aquatic Nuisance Species (ANS) monitoring program is unrelated to FCRPS operational impacts.

200715600 Rock Creek Fish and Habitat Assessment for the Prioritization of Restoration and Protection.

Yakama Confederated Tribes Columbia Plateau

\$100,000 \$100,000 \$100,000 \$- \$- \$-

Discussion with Yakama Tribe ongoing regarding on-the ground habitat improvements. Fish population status monitoring unrelated to FCRPS operational impacts is low priority for BPA.

200715700 Bull Trout Status and Abundance Monitoring in the Waters in and Bordering the Warm Springs Reservation, Oregon

Confederated Tribes of Warm Springs Reservation of Oregon Columbia Plateau

\$115,000 \$115,000 \$115,000 \$115,000 \$- \$-

Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

200716500 Relative abundance, distribution, and population structure of lampreys in the Columbia River Basin

Columbia River Research Laboratory Basinwide

\$66,667 \$66,666 \$66,667 \$- \$- \$-

New lamprey population monitoring is not a BPA priority. [See footnote reference: R8 (In Lieu)]

200725200 Multi-scale assessment of hyporheic flow, temperature and fish distribution in Columbia River Tributaries

Confederated Tribes of the Umatilla Indian Reservation Basinwide

\$- \$- \$- \$77,000 \$- \$-

Agreement on 2007 FCRPS operations and transition funding. See letters from Greg Delwiche to each affected tribe dated December, 15, 2006.

200727500 Impact of American shad in the Columbia River

Columbia River Research Laboratory Basinwide

\$133,334 \$133,333 \$133,333 \$278,736 \$324,281 \$328,644

Final budget will be negotiated during contracting to support priority objectives. Project must be complete in 3 years.

200733300 Timing and survival of PIT tagged juvenile fall Chinook from the Hanford Reach.

Columbia River Inter-Tribal Fish Commission (CRITFC) Basinwide

\$151,659 \$148,120 \$151,214 \$- \$- \$-

M&E already occurring in this reach. No link to management decisions.

200734000 A multidisciplinary collaborative approach to aquatic habitat monitoring & evaluation in the Walla Walla Subbasin

Walla Walla Basin Watershed Council Columbia Plateau

\$228,533 \$228,533 \$228,534 \$- \$- \$-

Appears to overlap with large scale pilot action effectiveness monitoring in Wenatchee, John Day, and Salmon River basins.

200735500 Determining the Accuracy of Adult Coho Salmon Population Estimates from a Random, Spatially Balanced design using Area-Under-the-Curve

Washington Department of Fish and Wildlife (WDFW) Lower Columbia

\$100,192 \$83,798 \$87,990 \$- \$- \$-

Not a FCRPS priority. Generally not needed to address FCRPS operational impacts, FCRPS mitigation strategies, or strategy effectiveness.

200736800 Adult Coho Salmon Monitoring Proposal for the Lower Columbia Province.

Washington Department of Fish and Wildlife (WDFW) Lower Columbia

\$373,233 \$356,401 \$330,308 \$- \$- \$-

Not a FCRPS priority. Generally not needed to address FCRPS operational impacts, FCRPS mitigation strategies, or strategy effectiveness.

Data Management Projects

199403300 The Fish Passage Center (FPC)

Pacific States Marine Fisheries Commission (PSMFC) Basinwide

\$1,302,304 \$- \$- \$- \$1,302,304 \$1,302,304 \$1,302,304

FPC has been modified through November 30, 2007, to comply with the Ninth Circuit Court of Appeals order issued on January 24, 2007. BPA may implement further renewals or adjustments as necessary or appropriate, consistent with all legal rights and arguments it has with regard to how it interprets the order and the Northwest Power Act and how it implements its mitigation responsibilities.

200728700 Delivering Reliable Fish Passage Information for Hydrosystem Management

Pacific Northwest National Laboratory Basinwide

\$ - \$ - \$ - \$225,000 \$- \$-

See footnote reference: R14 (DNF).

Coordination Projects

199202603 Upper Salmon Basin Watershed Project (USBWP) provides technical and administrative support with project implementation guidance to landowners to implement fish habitat projects on private lands.

Idaho Soil Conservation Commission Mountain Snake

\$356,458 \$655,000 \$655,000 \$655,000 \$- \$- \$-

Move funds for coordination, planning, design and implementation to 2007-394-00 (Idaho Watershed Habitat Restoration - Lemhi County). Bonneville will determine contractor(s) based on application of Council recommended project guidelines and restoration of ESA weak stock habitat.

199405900 Yakima Basin Environmental Education Program

Eco-Northwest Columbia Plateau
\$135,000 \$- \$- \$- **\$100,000 \$- \$-**
[See footnote reference: R3 (Close)]

199607000 McKenzie Focus Watershed
McKenzie Watershed Alliance Lower Columbia
\$127,133 \$- \$- \$- **\$35,000 \$- \$-**
\$35K for closeout costs.

199800401 Columbia Basin Bulletin
Intermountain Communications Basinwide
\$135,000 \$150,000 \$150,000 \$150,000 **\$135,600 \$100,000 \$50,000**
BPA is renewing its intent to transition this project to other funding sources over three years. The CBB is a communication project that provides no direct benefit to fish and wildlife. This newsletter could be funded by subscriptions or other mechanisms. [See footnote reference: R5 (Close 3yrs)]

200201500 Provide Coordination and Technical Assistance to Watershed Councils and Individuals in Sherman County, Oregon
Sherman County Soil & Water Conservation District (SWCD) Columbia Plateau
\$68,337 \$- \$- \$- **\$68,337 \$68,337 \$68,337**
Budgeted to support development of riparian work for listed anadromous fish with low productivity by leveraging CREP/CRP funds. Funding contingent upon completing ISRP responses (if needed), focusing on Subbasin and Recovery Plan priority limiting factors and priority from BiOp Remand collaboration. [See footnote reference: R13 (BiOp Projects Not Recommended by Council)]

200202600 Morrow County Riparian Buffers / Umatilla County Riparian Buffers
Morrow County Soil & Water Conservation District (SWCD) Columbia Plateau
\$79,657 \$- \$- \$- **\$33,000 \$- \$-**
See footnote reference: R3 (Close).

Subbasin Plan Proposals

200723500 Proposal to Create a Sub-Basin Plan for the Blackfoot River Sub-Basin
Trout Unlimited Mountain Columbia
\$45,000 \$45,000 \$- **\$45,000 \$- \$-**
One year budget to produce a subbasin plan consistent with past sub-basin plans and ensure consistency with the subbasin plan template with a prioritized list of projects. Bonneville does not anticipate having an FCRPS mitigation responsibility in these locations; therefore we don't intend to fund projects in these subbasins in the future.

200726500 Complete and Coordinate a Subbasin Plan for the Bitterroot Watershed
Montana Water Trust Mountain Columbia
\$50,000 \$50,000 \$- **\$50,000 \$- \$-**
One year budget to produce a subbasin plan consistent with past sub-basin plans and ensure consistency with the subbasin plan template with a prioritized list of projects. Bonneville does not anticipate having an FCRPS mitigation responsibility in these locations; therefore we don't intend to fund projects in these subbasins in the future.