

W. Bill Booth
Chair
Idaho

James A. Yost
Idaho

Tom Karier
Washington

Dick Wallace
Washington



Bruce A. Measure
Vice-Chair
Montana

Rhonda Whiting
Montana

Melinda S. Eden
Oregon

Joan M. Dukes
Oregon

May 1, 2008

DECISION MEMORANDUM

TO: Council Members

FROM: Mark Fritsch, project implementation manager

SUBJECT: Council decision on second quarter within-year project funding requests

PROPOSED ACTION: Approve eight of the within-year project funding requests as defined and conditioned by staff.

BUDGETARY/ECONOMIC IMPACTS

The total requested amounts are \$247,465 in expense funding in Fiscal Year 2008, and \$51,033 in Fiscal Year 2009. This amount is in addition to the Fiscal Year 2008 - 2009 funding recommendations.

BACKGROUND

The Bonneville Power Administration, the Council, and the Columbia Basin Fish and Wildlife Authority have formed a budget oversight group (BOG) to conduct a budget tracking process. A principle role of the BOG is to validate whether the requests are a reschedule or within-year request (i.e., scope change, budget change, scope/budget change, reschedule, and new request) and to place the within-year requests into one or more of the sorting categories (1-5). Reschedules are forwarded to Bonneville for assessment and funding as funds become available, and within-year requests are also forwarded to Bonneville for recommendation on the availability of funds as identified at the quarterly reviews. The BOG uses the quarterly reviews to initiate a prioritization process to establish which budget adjustment requests can be met with the available funding in the current fiscal year project budget. This process also includes a public comment period.

On April 16, 2008, the Council staff presented the requests and reviewed the schedule for the within-year budget adjustment requests for the Second Quarter of Fiscal Year 2008. The comment period associated with these requests closed on April 24th. Three comments were received during the comment period regarding the request associated with Project 2003-072-00, *Habitat and Biodiversity Information System for the Columbia River*, though many letters of support are attached to some of the requests.

On May 1, 2008, the Council received a letter from Bonneville summarizing the within-year requests being considered during the second quarter of Fiscal Year 2008 (see Attachment 1, page 10).

ANALYSIS

Of the 18 requests reviewed by the BOG during the Second Quarter of Fiscal Year 2008, 12 requests are seeking a recommendation in May. The remaining six requests have been addressed as follows.

- *Project 1995-013-00, Resident Fish Substitution Program*, the Nez Perce Tribe requested \$23,000 in Fiscal Year 2008 to implement an aluminum sulfate (alum) treatment to reduce excessive nutrient load in Mud Spring Reservoir so the fishery could be maintained. Timing was critical and the BOG management group agreed to the request on February 21, 2008.
- *Project 1995-060-01, Iskuulpa Watershed Project*, Bonneville requested \$20,000 to correct an error in the Fiscal Year 2007- 2009 implementation planning budget for this project.
- *Project 2006-014-00, Hatchery Scientific Review Group*, the Council and Bonneville approved on December 17, 2007, \$1,300,000 for the completion of the Columbia River Hatchery Scientific Review (HSRG) process. The BOG request was submitted in January to reflect that decision.
- *Project 2002-059-00, Yankee Fork Salmon River Dredge Tailings Restoration*, The Shoshone-Bannock Tribe requested \$252,700 in expense funds in Fiscal Year 2008 for anticipated costs that would be needed if they receive a favorable step review. The request is deferred and linked to the step decision.
- *Project 1996-042-00, Restore and Enhance Anadromous Fish Populations and Habitat in Salmon Creek*, the Colville Tribe requested a confirmation of acquisition activities associated with this project. BOG confirmed.
- *Project 1987-127-00, Non-federal Smolt Monitoring Program*, request was withdrawn by the sponsor (Fish Passage Center) to shift mark groups from the CSS (Comparative Survival Study) to the SMP (Smolt Monitoring By Non-Federal) project.

The following categories, as outlined in the attached table (see Attachment 2, page 9), address the 12 project requests and the Council staff's recommendations.

Category 3a: Threats to Project Integrity - (a) that jeopardize the performance of the entire project

- *Project 2007-212-00, Develop a locally-adapted summer steelhead program to supplement natural production*

The Colville Tribe requested \$16,507 in expense funding for Fiscal Year 2008 to collect additional information needed for their investigations during the feasibility phase of this project. The additional needs address engineering feasibility and conceptual cost estimates for acclimation site(s) and to assess the feasibility and costs for alternatives (weirs) to collect and sort adult summer steelhead at Zosel Dam. The additional costs are intended to provide a more complete master plan for submittal to the ISRP for review as

part of the Three-Step Review Process. The project was funded at \$100,000 as part of the Fiscal Year 2007 decisions for the development of a master plan. This recommendation was based on the ISRP recommendation of “Fundable in part” in order to proceed with the Three-Step process. Budgets associated with out-years are dependant on a favorable step review

Staff Recommendation: The engineering work should only provide a better estimate of the total costs associated with this project as it proceeds through the review process. The request seems reasonable and the Council staff recommends that the Council approve the request. Bonneville also supports this request for additional engineering work.

- Project 2007-003-00, *Dworshak Dam Resident Fish Mitigation*

The Idaho Department of Fish and Game (IDFG) has requested \$55,000 in Fiscal Year 2008 and \$55,000 in Fiscal Year 2009 expense funds to monitor and evaluate the effects of nutrient supplementation on Dworshak Reservoir water quality and biological response. This effort is a cooperative program between the U.S. Army Corps of Engineers (Corps) and IDFG.

The Project, #2007-003-00, *Dworshak Dam Resident Fish Mitigation* is intended to improve resident fisheries as mitigation for losses and continuing impacts from construction and operation of Dworshak Dam by reducing entrainment, increasing kokanee size and abundance, and enhancing reservoir productivity. As part of the Fiscal Year 2007 - 2009 decision the project received a favorable review from the ISRP and was funded at \$160,000 per Fiscal Year. As reviewed and approved the project had anticipated that only monthly sampling (i.e., Biological Objective #3 - Enhance reservoir productivity: Measure physical/chemical water quality parameters, primary production, bacteria and pico-cyanobacteria, phytoplankton, and zooplankton throughout Dworshak Reservoir) would be needed after 2007, but the Idaho Department of Environmental Quality (IDEQ) determined that bi-monthly limnological sampling continue in 2008 and 2009. IDEQ requires this sampling to ensure appropriate nutrient treatments are implemented and water quality remains within the permitted range.

Staff Recommendation: Based on this administrative requirement (i.e., required for permitting) it seems that this project, as reviewed and recommended, needs additional funds to proceed as intended when recommended for funding. Currently the project is sampling bi-monthly to meet permit requirements, but a budget adjustment will be needed to cover the remainder of the field season. Bonneville recognizes this need, but also expresses concern about the lack of fidelity associated with the partnership that exists between them and the Corps. Therefore, Bonneville only support this request for Fiscal Year 2008 and that a budget adjustment for Fiscal Year 2009 depends upon the Corps and Bonneville meeting to determine responsibility for this cost in the future. Council staff feels that the Bonneville action is reasonable and recommends that the Council approve \$55,000 to cover costs associated with bi-monthly sampling in Fiscal Year 2008.

- Project 2007-402-00, *Snake River Salmon Sockeye Captive Propagation*

The Shoshone-Bannock Tribes (SBT) requested \$19,500 in Fiscal Year 2008 expense funds to replace limnological sampling gear (i.e., hydrological lab) used to sample variables to fulfill permit requirements, estimate lake carrying capacity, and recommend stocking levels for juvenile sockeye salmon.¹

This project monitors and enhances (if necessary) rearing conditions for juvenile Snake River sockeye salmon. The project also investigates competition, growth rates, and survival for progeny released from the captive broodstock program. The sampling gear is antiquated and can no longer be calibrated and/or repaired. In addition, the SBT request includes the purchase of a field lap top to assist in the collect of this information, and for other activities associated with their work in the nursery lakes for the sockeye program. As part of the FY 2007 - 2009 decision the project received a favorable review from the ISRP and was funded.²

Staff Recommendation: Council staff agrees with Bonneville and recommends that the Council approve this request.

- Project 2007-318-00, *Entiat River - UPA - Knapp-Wham Hanan Detwiler Irrigation System Consolidation Project*

The Cascadia Conservation District requested \$40,425 in Fiscal Year 2008 expense funds to cover higher cost realized between the application budget in 2005 and the lowest acceptable bid for work to be implemented in September 2008.

The project's objective is to consolidate the Knapp-Wham and Hanan Detwiler irrigation systems to eliminate partial fish passage barriers associated with two surface water diversions, addressing metrics for additional instream habitat and enhance instream flows within the lower Entiat River via the water saved. As part of the Fiscal Year 2007 - 2009 decision the project received a "Fundable (Qualified)" from the ISRP and was funded with the understanding that the ISRP concerns would be addressed as part of contracting. The ISRP requested that their comments regarding water savings and biological benefit to spawning/rearing be confirmed.

Staff Recommendation: Bonneville supports this request and the Council staff recommends that the Council approve this request for \$40,425 conditioned on confirmation from Bonneville that the issues raised by the ISRP have been addressed.

- Project 1983-435-00, *Umatilla Satellite Facilities O&M*

Bonneville is requesting \$65,000 in Fiscal Year 2008 expense funds to finalize water rights at the juvenile salmon and steelhead acclimate sites associated with the Umatilla Hatchery in the Umatilla Basin.

¹ The breakdown of costs associated with this request is \$16,000 for a Hydrolab, \$2,900 for a field lap top, \$300 for reagents and filters, and \$300 for net repairs and replacement.

² This "project" was previously reviewed and funded under project 1991-071-00. As part of the FY 2007 - 2009 implementation planning budget all the sockeye projects were consolidated under one project - 2007-404-00.

In order to finalize water rights at the facilities a Claim of Beneficial Use (COBU) must be submitted to the OWRD. The COBU must be performed by a Certified Water Rights Examiner (CWRE).

Staff Recommendation: This request addresses a necessity for the water use at these acclimation sites and staff recommends that the Council approve the request.

Category 3b2: Threats to Project Integrity - (b) that jeopardize the performance of a discrete task or objective; (2) The loss of monitoring and evaluation data

- Project 2003-072-00, *Habitat and Biodiversity Information System for the Columbia River*

The Northwest Habitat Institute requested \$165,625 in Fiscal Year 2008 and \$321,500 in Fiscal Year 2009 expense funds for managing fish, wildlife, and habitat data needs for the basin.

As part of the Fiscal Year 2007 - 2009 decision the project received a favorable review from the ISRP and was funded at \$157,831 per Fiscal Year. This decision was interim and conditioned pending Council review of data priorities.

During the comment period letters supporting this request were received from Stewart Toshach (NOAA-NMFSC), Michael Pope (ODFW) and Madeleine Vander Heyden (U.S. Fish and Wildlife Service).

Staff Recommendation: Defer decision until a regional data strategy has been defined.

- Project 1988-108-04, *StreamNet*

The Pacific States Marine Fisheries Commission (PSFMC) requested \$357,450 in Fiscal Year 2008 and \$647,975 in Fiscal Year 2009 expense funds to extend coverage to all focal species, increase data development for resident species, and to extend work with tribes to capture their data.

As part of the Fiscal Year 2007 - 2009 decision the project received a “Fundable (Qualified)” review from the ISRP and was funded at \$2,326,033 per Fiscal Year. This decision was interim funding pending Council review of data priorities. The comment field associated with the decision stated that the ISRP concerns are addressed as part of the programmatic issue regarding data management in the decision document.

Staff Recommendation: Defer decision until a regional data strategy has been defined.

- Project 1993-060-00, *Select Area Fisheries Enhancement*

The Oregon Department of Fish and Wildlife requested \$43,838 in Fiscal Year 2008 expense funds necessary to achieve the objectives of the project.

The Select Area Fisheries Enhancement (SAFE) is a cooperative project between the Oregon Department of Fish and Wildlife (ODFW), Washington Department of Fish and Wildlife (WDFW), and Clatsop County Economic Development Council's (CEDC) Fisheries Project explored the means to increase the harvest of hatchery fish while providing greater protection to weak wild salmon stocks.

As part of the Fish and Wildlife Project Funding Recommendations for Fiscal Years 2007 - 2009, the Council approved funding on condition that the sponsors submit information to the ISRP and IEAB addressing the biological and economic issues raised in their joint review (ISRP/IEAB document 2005-8). On December 11, 2006 the Council received the sponsor's submittal, including an Economic Analysis Study Final Report (November 2006) and a Final Project Completion Report (April 2006). The ISRP and IEAB completed the joint review on April 11, 2007 (ISRP & IEAB 2007-3). The ISRP evaluation focused on the project report; the IEAB evaluation provided an economic analysis. Both the ISRP and IEAB found that the SAFE project had successfully addressed the conditions placed on the project and on May 16, 2007 the Council determined that the sponsors have adequately addressed the Council's funding conditions.

On January 30, 2007 the sponsors requested a reschedule of \$144,197 that BOG reviewed and Bonneville approved for \$100,359. On February 27, 2008 ODFW submitted a within-year request for \$43,838 that reflects the difference of the reschedule request and what was approved.

Staff Recommendation: Council staff concurs with Bonneville that project savings do not necessarily attach to the project and only reflect work associated with specific tasks. If tasks become delayed, reschedules remain the appropriate remedy to fund the work. However, in this instance, the unexpended funds were not associated with tasks that were delayed, but simply appear to be funds the project never spent. Thus, staff recommends that the sponsor work with the other project participants to cover project needs.

Category 5: Other

- Project 2003-054-00, *Reproductive success of steelhead in the Hood River*

Oregon State University has requested a scope change associated with this project. The project is using DNA-based parentage analysis to estimate the relative fitness of wild vs. supplementation steelhead in the Hood River. This is only a scope change to use a new microarray analysis that allows sequencing the entire genomes of individuals by fragmenting them into small pieces and having a computer align the short reads to a reference sequence. To accomplish this request the sponsor suggest not genotyping some fish that are not essential at this time.

As part of the Fiscal Year 2007 - 2009 decision the project received a favorable review from the ISRP and was funded.

It is interesting to note that as part of the Fiscal Year 2007 - 2009 solicitation a proposal similar to this request proposed to use this new microarray analysis. It was not

funded and received a “Response requested” from the ISRP. The ISRP noted the value of the new techniques, but raised questions on the ability to interpret the results for these micro arrays (see Proposal 2007-110-00, *Difference in Functional Genes Between Hatchery and Wild Chinook Salmon*).

Staff Recommendation: Based on the lack of ISRP review and past comments received the Council staff recommends that the Council concur with Bonneville and not approve this scope change and recommends that the project complete the analysis using the original proposed method.

- Project 2007-127-00, *Reestablish Connectivity and Restore Fish Habitat in the East Fork of the South Fork Salmon River Watershed*

The Nez Perce Tribe (NPT) is requesting a scope change to this project. This project originally intended to reestablish fish passage through a 30-foot tall cascade and rehabilitate one mile of fish habitat through a degraded reach of the upper mainstem East Fork of the South Fork Salmon River. As part of the Fiscal Year 2007 - 2009 decision the project received a favorable review from the ISRP and was funded. Since the time of proposal development and initial project development the land owner of this reach of the river has entered into a lease to purchase option with a mining company so access to the reach is not available for habitat enhancement activities. Therefore, the NPT would like to change the area and scope of this project to other high priority needs of the South Fork Salmon River (SFSR) in collaboration with the U.S. Forest Service. The proposed change would address passage (i.e., culverts), road decommissioning and relocation, and riparian habitat enhancements in the SFSR below the original project site. With this partnership there are several opportunities with matching funds to coordinate work in the SFSR subbasin. The reviewed and approved work elements in the original proposal addressed passage (i.e., “cascade”) and associated work elements associated with the channel work. The revised project expands on these work elements by addressing culverts and then expands the scope of the proposal to road decommissioning and wetland enhancement activities.

Staff Recommendation: Bonneville supports this change in scope with the understanding that new work elements be approved on a “case-by-case basis”. Council staff recommends that the project continues and recommends that the Council concur with the Bonneville recommendation conditioned on the understanding that this recommendation is for only Fiscal Year 2008 and 2009 and that out-years are dependant on a future process (e.g., future project review).

- Project 2000-021-00, *Securing Wildlife Mitigation Sites - Oregon Ladd Marsh WMA and Grande Ronde Subbasin Wetlands*

The Oregon Department of Fish and Wildlife (ODFW) requested \$23,750 in both Fiscal Year 2008 and 2009 expense funds to maintain the integrity of the project to maintain wetland restoration projects on Ladd Marsh Wildlife Management Area.

As part of the Fiscal Year 2007 - 2009 decision the project received a favorable review from the ISRP and was funded \$48,000 per Fiscal Year. ODFW is concerned that

without this request they will not be able to meet the project's goals and ongoing operational needs.

Staff Recommendation: Bonneville supports this request and the Council staff recommends that the Council approve this request for \$23,750 in both Fiscal Year 2008 and 2009 to ensure that the HU's associated with this property are maintained.

- Project 1991-078-00, *Burlington Bottoms Wildlife Mitigation Project*

The Oregon Department of Fish and Wildlife (ODFW) requested \$27,283 for both Fiscal Year 2008 and 2009 to maintain the integrity of the project to restore and maintain wildlife habitat for a variety of fish and wildlife species on 417 acres of wetlands & riparian forests.

As part of the Fiscal Year 2007 - 2009 decision the project received a favorable review from the ISRP and was funded \$110,445 per Fiscal Year. ODFW is concerned that current funds will not allow them to complete existing activities to maintain the habitat.

Staff Recommendation: Bonneville supports this request and the Council staff recommends that the Council approve this request for \$27,283 in both Fiscal Year 2008 and 2009 to ensure that the HU's associated with this property are maintained and enhanced.

Table 1: Summary of within-year budget adjustments and staff recommendations for the second quarter of Fiscal Year 2008.

Category	Project #	Project Title	Sponsor	FY 2008 Budget	Adjustment Request		Staff Rec.
					FY 2008	FY 2009	
3a							
	2007-212-00	Develop a locally-adapted summer steelhead program to supplement natural production	CCT	\$0	\$16,507	\$0	Approve at \$16,507
	2007-003-00	Dworshak Dam Resident Fish Mitigation Project	IDFG	\$160,000	\$55,000	\$55,000	Approve @ \$55,000 in '08 only
	2007-402-00	Snake River Salmon Sockeye Captive Propagation	SBT	\$2,276,112	\$19,500	\$0	Approve @ \$19,500
	2007-318-00	Entiat River - UPA - Knapp-Wham Hanan Detwiler Irrigation System Consolidation Project	Cascadia Conservation District	\$10,000	\$40,425	\$0	Approve @ \$40,425
	1983-435-00	Umatilla Satellite Facilities O&M	BPA	\$915,798	\$65,000	\$0	Approve @ \$65,000
3b2							
	2003-072-00	Habitat and Biodiversity Information System for the Columbia River	Northwest Habitat Institute	\$157,831	\$165,625	\$321,500	Do Not Approve
	1988-108-04	StreamNet	PSFMC	\$2,326,033	\$357,450	\$647,975	Do Not Approve
	1993-060-00	SAFE	ODFW	\$1,800,000	\$43,838	\$0	Do Not Approve
5							
	2003-054-00	Reproductive success of steelhead in the Hood River	Oregon State University	\$277,000	Scope/\$0	Scope/\$0	Do Not Approve
	2007-127-00	Reestablish Connectivity and Restore Fish Habitat in the East Fork of the South Fork Salmon River Watershed	NPT	\$391,360	Scope/\$0	Scope/\$0	Approve
	2000-021-00	Securing Wildlife Mitigation Sites - Oregon Ladd Marsh WMA and Grande Ronde Subbasin Wetlands	ODFW	\$48,000	\$23,750	\$23,750	Approve @ \$23,750 for '08 and '09
	1991-078-00	Burlington Bottoms Wildlife Mitigation Project	ODFW	\$100,445	\$27,283	\$27,283	Approve @ \$27,283 for '08 and '09

Attachment 1: Letter received on May 1, 2008 from Bonneville regarding within-year budget adjustments associated with the Quarterly Review.



Department of Energy

Bonneville Power Administration
P.O. Box 3621
Portland, Oregon 97208-3621

ENVIRONMENT, FISH AND WILDLIFE

April 30, 2008

In reply refer to: KEW-4

Mr. Tony Grover
Fish and Wildlife Division Director
Northwest Power and Conservation Council
851 SW Sixth Avenue, Suite 1100
Portland, OR 97204-1348

Dear Mr. Grover:

In accordance with the Budget Oversight Group (BOG) process, the BOG conducted the second quarterly review of within-year budget and/or scope modification requests for Fiscal Year 08 [submissions reviewed by BOG in January, February and March]. These requests were presented at the April Fish and Wildlife Committee Meeting, and a 14-day public comment period was opened. As a result of the BOG review and consideration of any comments, the Bonneville Power Administration has arrived at the following tentative decisions.

Project Funding Requests

Category 3a

Project Number: 2007-212-00

Project Name: Locally Adapted Steelhead Broodstock – Step 1

Contractor: Colville Confederated Tribes

BPA-COTR: David Roberts

Budget Amount Requested: \$16,507

Funding Type: Expense

Explanation of need: The Locally Adapted Steelhead Broodstock project is requesting additional funds to include engineering feasibility and conceptual cost estimates of acclimation site(s) and to assess the feasibility and costs for alternatives (weirs) to collect and sort adult summer steelhead at Zosel Dam. This is critical to include in the initial Step 1 master plan. This information will likely be requested by the Council or ISRP during the review of the first step of the 3-step process. Secondly, the sponsor has recognized that evaluation of exclusion or removal of hatchery-origin fish from entering the upper reaches of the Okanogan River basin would need to be assessed. Collecting this information in the Step 1 process will prevent delays in proceeding with Step 2. The sponsor determined after the start of developing the Step 1 Master

plan that this information was critical to investigate during initial feasibility. Not collecting this information will likely add costs to the overall project by extending the assessments of acclimation sites and excluding hatchery-origin steelhead from upper reaches of the Okanogan River basin.

Draft BPA recommendation: BPA supports this request of \$16,507 for additional engineering and assessment work.

Category 3a

Project Number: 2007-003-00

Project Name: Dworshak Dam Resident Fish Mitigation

Contractor: Idaho Department of Fish & Game

BPA-COTR: David Kaplowe

Budget Amount Requested: '08/\$55,000, '09/\$55,000

Funding Type: Expense

Explanation of need: The Dworshak Dam Resident Fish Mitigation project is requesting additional funds for bi-monthly limnological nutrient analysis. The original monitoring plan for the Dworshak Reservoir nutrient enhancement project as written in the FY 07-09 solicitation proposal included a sampling frequency of twice per month during the first year of application (2007) and once per month for 2008 and 2009.. The higher sampling frequency in 2007 was designed to ensure proper administration of fertilizer based on actual ecological response. At the completion of the 2007 field sampling it was recommended by Dr. John Stockner (USACE's nutrient enhancement contractor) to maintain the bi-monthly sampling and subsequent analysis in years two and three (2008 and 2009).

Several other factors have also necessitated continuation of the bi-monthly sampling: detect natural variation in reservoir conditions which monthly sampling most certainly misses; maintain the ability to fine tune weekly reservoir treatments in light of conditions on time scales shorter than a month; and provide critical real time data that directs the subsequent application schedule to ensure the project remains with in water quality standards identified by regulatory agencies.

Draft BPA recommendation: BPA supports this request of \$55,000 for '08 only.

The general design of this project is that the Corps of Engineers (CoE) provides funding for the application. Application is allowed as long as both federal (e.g., Clean Water Act) and state DEQ permitting requirements are met. The CoE provided funding for intensive sampling the first year of the study, expecting the intensity of required monitoring to decrease after the first year. After review, the state required continued intensive monitoring (which was not expected). The Corps again funded this second year of added monitoring. Intensive (twice a month) sampling is required to be continued per a state Consent Agreement (which IDFG has provided as an update to the BOG request). As a permitting requirement for the application (not the M&E portion of the project, which BPA is funding), this appears to continue to be a responsibility for the applicator (CoE). BPA recognizes this need as a cost share partner to complete this year of the project. However, BPA only supports this request for FY08, and expects that the sponsors, CoE and BPA meet to determine what, if any, role BPA's play for funding in FY09.

Category 3a

Project Number: 2007-402-00

Project Name: Snake River Sockeye Captive Program

Contractor: Shoshone-Bannock Tribes

BPA-COTR: Greg Baesler

Budget Amount Requested: '08/\$19,500

Funding Type: Expense

Explanation of need: The Snake River Sockeye Captive project is requesting additional funds for a field laptop, repair nets and for limnological sampling gear to fulfill limnology sampling commitments. The current equipment has exceeded its usual lifespan, outdated, and un-repairable. This sampling is necessary to comply with ID Department of Environmental Quality permit issued for the nutrient enhancement portion of this project. Data collected with this equipment is also used to estimate nursery lake carrying capacities and make stocking recommendations for progeny from the captive broodstock program.

Draft BPA recommendation: BPA supports this request of \$19,500 for a field laptop, net repairs and limnological sampling gear.

Category 3a

Project Number: 2007-318-00

Project Name: UPA Knapp-Wham Hanan Detwiler

Contractor: Cascadia Conservation District

BPA-COTR: Cecilia Brown

Budget Amount Requested: \$40,425

Funding Type: Expense

Explanation of need: The Knapp-Wham Hanan Detwiler project is requesting additional funds for costs associated with a higher bid than was originally estimated. The original 2005 proposal for drilling ten wells and necessary piping connections was \$312,885. The CCD sent out a RFP for the Well Drilling and received four responses. The lowest responsible well drilling bid was for \$311,310. The piping connection RFP is currently being prepared and is estimated to cost ~\$42,000. Thus, the new total for these tasks is estimated to be \$353,310, a difference of \$40,425. These cost increases are associated with the ever-rising cost of fuel and far higher material and transportation costs than originally anticipated. . This portion of the project is a critical and a necessary element in order for the project to take place. If piping can not be connected to the wells consolidation of the two irrigation systems will not take place. The biological objectives for the project will not be met.

Draft BPA recommendation: BPA supports this request of \$40,425 as a result of higher than anticipated implementation costs.

Category 3a

Project Number: 1983-435-00

Project Name: Umatilla Hatchery O&M/CTUIR

Contractor: Confederated Tribes of the Umatilla Indian Reservation

BPA-COTR: Jonathan McCloud

Budget Amount Requested: '08/\$65,000

Funding Type: Expense

Explanation of need: The Oregon Water Resources Department (OWRD) contacted BPA in regard to water rights at hatchery and acclimation facilities. In order to finalize water rights at these facilities a Claim of Beneficial Use (COBU) permit must be performed and submitted to the OWRD by a Certified Water Rights Examiner (CWRE). BPA is requesting funds to contract a CWRE to perform the COBU permit process. Not implementing the modification will risk loosing the water right at these facilities. This will jeopardize the ability of BPA funded hatchery

and acclimation facilities to operate which would ultimately lead to goals and objectives identified in their Hatchery Master Plans not being met.

Draft BPA recommendation: BPA must comply with OWRD and therefore, this request is approved.

Category 3b2

Project Number: 2003-072-00

Project Name: Habitat and Biodiversity Information System for Columbia River Basin

Contractor: Northwest Habitat Institute

BPA-COTR: John Piccininni

Budget Amount Requested: '08/\$165,625, '09/\$321,500

Funding Type: Expense

Explanation of need: The Habitat & Biodiversity Information System Project is requesting additional funds for 3 parts: (1) completing baseline support to NHI's existing IBIS information system; (2) additional mapping to meet the needs of subbasin planning, high level indicators, and the Status of the Resource Report; (3) develop additional wildlife, habitat, and GIS tools and services (e.g., supporting the NED Portal, creating a Wildlife Data Collection Tool on the Internet, and organizing a GIS repository from lessons learned from subbasin planning, and (4) develop methodologies to assess operational losses due to hydropower development (initially for BPA Project 200201100 – Kootenai Floodplain Operational Loss Assessment).

Note: The amount requested for FY 2008 may be reduced due to the limited time available to modify the contract and complete the work before the end of the FY. The NHI contract year ends September 30.

Draft BPA recommendation: A BPA decision is deferred until a regional data strategy has been determined.

Category 3b2

Project Number: 1988-108-04

Project Name: StreamNet (CIS/NED)

Contractor: Pacific States Fisheries Commission

BPA-COTR: John Piccininni

Budget Amount Requested: '08/\$357,450, 09/\$647,975

Funding Type: Expense

Explanation of need: The StreamNet Project is requesting additional funds for 3 parts:
Option A: Restore parity with previous project capability in order to provide full data delivery and updates as in past years. Data delivery in eastern Washington and in some Oregon subbasins has been lost due to decreased staffing from ongoing level funding, and additional funds would restore that capability to meeting the objective of providing standardized and geo-reference fish data for anadromous Salmonids.

Option B: Extend data development work to all focal species in addition to the traditional anadromous Salmonids. This will include all normal data categories for these species. The objective is to provide data to the Status of the Resource report for all focal species and provide access to those data through the StreamNet online data query system.

Option C: Provide assistance to tribes to help develop tribal data management capabilities and to acquire tribal fish data for inclusion in the StreamNet database. This will include the types of data routinely included in StreamNet. The objective is to provide staff assistance, planning and infrastructure development to facilitate data flow.

Note: The amount requested for FY 2008 may be reduced due to the limited time available to modify the contract and complete the work before the end of the FY. The StreamNet contract year ends September 30.

Draft BPA recommendation: Options A & B are deferred until a regional data strategy has been determined. Option C is included in the long-term MOA. BPA will provide funds for StreamNet support of tribal database management under the MOA's scheduled to be signed in late April, 2008.

Category 3b2

Project Number: 1993-060-00

Project Name: Select Area Fishery Evaluation

Contractor: Oregon Department of Fish & Wildlife

BPA-COTR: Tracy Hauser

Budget Amount Requested: '08/\$43,838

Funding Type: Expense

Explanation of need: The SAFE project is requesting additional funds for fish production costs associated with mass marking and coded wire tag costs. Since the original proposal was established in 2005, prices have increased.

Draft BPA recommendation: BPA does not support this request of increasing the project budget. ODFW should work with other project participants to obtain additional funding for their contract.

Category 5

Project Number: 2003-054-00

Project Name: Reproductive Success of Steelhead in the Hood River

Contractor: Oregon State University

BPA-COTR: Tracy Hauser

Budget Amount Requested: \$0, scope change

Funding Type: Expense

Explanation of need: The Reproductive Success of Steelhead in the Hood River is proposing a change of scope of currently-funded work. OSU is currently genotyping Hood River steelhead with micro-satellite loci, and using the resulting pedigree data to estimate the relative fitness of hatchery and wild fish. That work would continue, but at the same time shifting some personnel time and supplies resources to collect preliminary information on the feasibility of using new genetic techniques to determine which genes are responding to selection in hatcheries. Having that knowledge should eventually lead improve our understanding of factors that may contribute to lower fitness in hatchery fish, and thus may lead to ways to improve hatchery culture methods. While this change in scope can be done within the scope of the current FY08 budget, it will involve deferring genotyping some fish.

Draft BPA recommendation: During the 07-09 solicitation, this method of genotyping was proposed, reviewed by ISRP and not funded by BPA. Therefore, BPA does not support this requested change in scope. It is preferred to continue work on the original proposed method.

Category 5

Project Number: 2007-127-00

Project Name: East Fork/South Fork Salmon River Passage Restoration

Contractor: Nez Perce Tribe

BPA-COTR: David Kaplowe

Budget Amount Requested: \$0/Scope change

Funding Type: Expense

Explanation of need: The East Fork/South Fork Salmon River Passage Restoration project is proposing a change in scope and an expansion of the geographic area in which to complete project work. Due to the delay in the issuance of the Biological Opinion, the East Fork of the South Fork Salmon River Passage Restoration project did not begin in fiscal year 2007 as originally planned. As a result, the private landowner entered into a lease to purchase agreement with a gold mining company that will begin determining the feasibility of re-initiating mining activities.

Since steelhead, spring Chinook and bull trout passage can not currently be restored through the old Stibnite Mine Site due to lack of landowner consent, the Nez Perce Tribe and Forest Service have proposed several other high priority habitat restoration actions in the watershed to meet or exceed the biological benefits to the corresponding population groups.

Instead of restoring fish passage through the former mine site using a natural step pool configuration, reconnecting the floodplain, re-vegetating the riparian area and increasing in-stream habitat complexity within one small area of the watershed, the NPT and USFS are proposing to replace two culverts, reconnect floodplains, re-vegetate riparian areas, increase in-stream habitat complexity and decommission roads within the entire South Fork Salmon watershed. In summary, this change in scope request represents an increase in geographic area with no additional funds. The original proposal planned to restore fish passage through the former Stibnite Mine Site which is a very small area within the South Fork Salmon watershed. Although no passage restoration can currently be implemented at this specific site due to lack of landowner consent, the NPT and USFS are proposing to restore fish passage, enhance riparian and floodplain function, and reduce chronic sedimentation in a much larger geographic area that includes the entire South Fork Salmon watershed. Since the population groups, including steelhead, spring chinook and bull trout, will receive the same and potentially more biological benefit from the proposed actions, this modified scope has the potential to satisfy more Biological Opinion objectives for the same quantity of funds.

Draft BPA recommendation: BPA supports the requested change in scope. However, because the original project was for passage improvements, in-stream habitat complexity enhancement, stream channel realignment and floodplain enhancement, the sponsor should work with the COTR to prioritize non-passage related work (e.g., road decommissioning and wetland creation and enhancement) and BPA will give the go ahead for non-passage work on a case-by-case basis.

Category 5

Project Number: 2000-021-00

Project Name: Ladd Marsh Wildlife Mitigation Project

Contractor: Oregon Department of Fish & Wildlife
BPA-COTR: Joe DeHerrera
Budget Amount Requested: '08/\$23,750, '09/\$23,750
Funding Type: Expense

Explanation of need: The Ladd Marsh Wildlife Mitigation project is requesting additional funds to meet the project's goals and ongoing operational needs. Operational and personnel costs have increased significantly over the period of the project which has reduced the effectiveness of the existing budget. The specific effects on the proposed modification on each Work Element are: *Outreach and Education:* Staff will be able to respond to more requests for tours and educational presentations. *Maintain Vegetation:* More chemical will be purchased and greater area will be treated for noxious weeds. *Collect/Generate/Validate Field and lab Data:* Staff will have the opportunity to complete planned vegetation and other surveys. *Analyze/Interpret Data:* Field data collected will be more thoroughly collated and analyzed. *Operate and Maintain Habitat/Passage:* Water control structures will be maintained in working order to keep water free-flowing. *Provide Access and Public Information:* Create and post signs at access points to inform the public of access and use regulations. *Produce Annual Report:* Produce a thorough report of project activities during the previous fiscal year. *Manage and Administer Projects:* Complete reporting and annual budget package. Learn changes in newer versions of Pisces. *Status Reports:* Complete timely status reports in Pisces.

Draft BPA recommendation: BPA supports this request of \$23,750 for '08 and '09 in order to maintain the HU's associated with the property

Category 5

Project Number: 1991-078-00
Project Name: Burlington Bottoms Wildlife Mitigation
Contractor: Oregon Department of Fish & Wildlife
BPA-COTR: Dorie Welch
Budget Amount Requested: 08/\$27,283, '09/\$27,283
Funding Type: Expense

Explanation of need: The Burlington Bottoms Wildlife Mitigation project is requesting additional funds to meet the project's goals and ongoing operation and maintenance needs. Continued increases in personnel costs (salary and benefits) and overhead rates have reduced the effectiveness of the existing budget and will result in a reduction in the FY08- 09 scope of work that could negatively impact the habitat and habitat units associated with the Burlington Bottoms property. Specifically, there will be a reduction in the following: the removal of non-native invasive plant species like Japanese knotweed and Himalayan blackberry and the planting of native species to increase the biological diversity of targeted areas and limit the spread of invasive plant species. In addition, there may be insufficient funding for supplies, tools, and repair of equipment necessary for enhancement as well as O&M activities.

Draft BPA recommendation: BPA supports this request of \$27,283 in '08 and '09 in order to maintain and enhance the Habitat Units (HU) associated with the property. Any additional HU's that result from the enhancement activities will be credited against the Willamette hydropower projects.

Category 5

Project Number: 2002-059-00
Project Name: Yankee Fork Salmon River Restoration

Contractor: Shoshone-Bannock Tribes

BPA-COTR: Jan Brady

Budget Amount Requested: '08/\$252,700

Funding Type: Expense

Explanation of need: The Yankee-Fork Salmon River Restoration project is requesting additional funds to plan and design a natural channel restoration in a stretch of the Yankee Fork Salmon River degraded from dredge mining, to restore the floodplain and stream to sustain aquatic habitat for Chinook salmon and Steelhead. During FY07, tribal biologists completed LiDAR and aerial photography of the study area as well as a completing preliminary survey of potential habitat restoration sites in a six mile stretch of the degraded river. The goals for FY08 are to design a set of restoration alternatives that best meet the success criteria developed through extensive meetings with area stakeholders, and select a preferred alternative in a collaborative process with the stakeholder group. In addition to securing BPA funds, the Tribe expects to receive in-kind assistance from the Portland office of the NRCS.

Draft BPA recommendation: BPA supports this request of \$252,700, contingent upon favorable ISRP review.

Summary

In summary, the total of expense funding requested in this letter is \$247,465 in '08 and \$51,033 in '09 (it is unsure at this time if and where \$252,700 for Project 2002-059-00 will fall). We believe these projects are consistent with priorities identified during previous Council provincial reviews and/or other BPA and Council discussions.

Please feel free to contact either Greg Dondlinger at 503-230-5065 or me at 503-230-5499 for further information or if you have any questions.

Sincerely,

William C. Maslen
Director for Fish and Wildlife

cc

Mr. Mark Fritsch, Northwest Power and Conservation Council
Ms. Patty O'Toole, Northwest Power and Conservation Council
Mr. Karl Weist, Northwest Power and Conservation Council
Ms. Stacy Horton, Northwest Power and Conservation Council
Ms. Joann Hunt, Northwest Power and Conservation Council
Mr. Kerry Berg, Northwest Power and Conservation Council
Mr. Brian Lipscomb, Columbia Basin Fish and Wildlife Authority
Mr. Tom Iverson, Columbia Basin Fish and Wildlife Authority
Ms. Binh Quah, Columbia Basin Fish and Wildlife Authority

bcc:

G. Delwiche – KE-4

G. Dondlinger – KEWB-4

D.Kaplowe – KEWU-4

G. Baesler – KEWU-4

C.Brown – KEWL-4

J. McCloud – KEWL-4

J.Piccininni – KEWR-4

T.Hauser – KEWU-4

J.DeHerrera – KEWU-4

D.Welch – KEWU-4

J.Brady – KEWR-4

P. Lofy – KEWL-4

D.Byrnes – KEWL-4

P. Key – L-7

Official File – KEW (EX-15-18)

	Project Number	Project Name	2008	2009
	Approved BPA Actions		<i>Within-year pool</i>	\$2,000,000
198201301		Coded-Wire Tag Recovery	\$39,720	
198805307		Hood R Prod O&M - Ws/ODFW	\$250,000	
198805308		Hood River Powerdale Dam Fish Trap/Oak Springs/Pelton Ladder -Operation and Maintenance	\$21,515	\$21,515
199202604		Investigate Life History Of Spring Chinook Salmon and Summer Steelhead in the Grande Ronde River Subbasin	\$164,000	
199501300		Nez Perce Trout Ponds	\$23,000	
199503300		O&M Yakima Basin Fish Screens	\$8,877	
199505700		S Idaho Wildlife Mitigation	\$130,000	
199506001		Iskuulpa Watershed Project	\$20,000	\$20,000
199701325		Yakima/Klickitat Fisheries Project Operations and Maintenance	\$10,000	
199801005		Pittsburg Landing Fall Chinook Acclimation Project (FCAP)	\$18,500	
200100300		Adult Pit Detector Installation	\$123,895	
200105300		Reintroduction of Chum Salmon into Duncan Creek	\$32,000	
200201400		Sunnyside Wildlife Mitigation	\$47,200	
200205300		Assess Salmonids Asotin Cr Ws	\$25,342	
200311400		Acoustic Tracking For Survival	\$387,397	\$130,515
200740400		OR Snake River Spring/Summer Chinook Salmon Captive Propagation	\$33,469	\$66,358
200800300		Capture, Marking, Hazing & Removal of California Sea Lions at Bonneville Dam	\$130,000	
200800400		Sea Lion Predation Rate Estimation and Non-lethal Hazing	\$75,000	
		Total Approved Actions:	\$1,539,915	\$238,388
		Current Within-Year Pool Balance:	\$460,085	\$1,761,612
Draft actions per BPA Recommendation	200721200	Develop a locally-adapted summer steelhead program to supplement natural production	\$16,507	\$0
	200700300	Dworshak Dam Resident Fish Mitigation Project	\$55,000	
	200740200	Snake River Salmon Sockeye Captive Propagation	\$19,500	\$0
	200731800	Entiat River - UPA - Knapp-Wham Hanan Detwiler Irrigation System Consolidation Project	\$40,425	\$0
	198343500	Umatilla Satellite Facilities O&M	\$65,000	
	200002100	Securing Wildlife Mitigation Sites - Oregon Ladd Marsh WMA and Grande Ronde Subbasin Wetlands	\$23,750	\$23,750

199107800	Burlington Bottoms Wildlife Mitigation Project	\$27,283	\$27,283
200205900	Yankee Fork Salmon River Restoration (\$252,700) - <i>Decision and FY implication contingent on timing, favorable ISRP Review and Council Recommendation.</i>	n/a	n/a
	Total Pending Actions:	\$247,465	\$51,033
	Within-Year Pool balance (including pending actions)	\$212,620	\$1,710,579
200601400	HSRG (<i>project added to program, but did not use within-year pool of funds</i>)	\$1,300,000	