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November 6, 2008

DECISION MEMORANDUM

TO: Council Members

FROM: Mark Fritsch, project implementation manager

SUBJECT: Council decision on fourth-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 \$462,226 expense and \$748,592 capital funds in Fiscal Year 2009. These amounts are in addition to the Fiscal Year 2008 - 2009 funding recommendations.

BACKGROUND

The Bonneville Power Administration (Bonneville), 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 rescheduled or within-year requests (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 a 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 October 15, 2008, the Council staff presented the requests and reviewed the schedule for the within-year budget adjustment requests for the fourth quarter of Fiscal Year 2008. These fourth-quarter requests, reviewed in July, August, and September, will be treated as an amendment to the start-of-year budget for Fiscal Year 2009.

The comment period associated with these requests closed on October 24th. No comments were received.

On November 6, 2008, the Council received a letter from Bonneville summarizing the within-year requests being considered during the fourth quarter of Fiscal Year 2008 (see Attachment 1, page 9).

ANALYSIS

Of the 12 requests reviewed by the BOG during the fourth quarter of Fiscal Year 2008, nine requests are seeking a recommendation in November. None of the requests triggered the threshold adjustment as part of the budget-tracking process. The remaining three requests were withdrawn by the sponsor.

The following categories, as outlined in the attached table (see Attachment 2, page 8), address the nine project requests and the Council staff's recommendations.

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

- Project 1998-007-02, *Grand Ronde Supplementation - Lostine O&M/M&E*

The Nez Perce Tribe (NPT) is requesting \$115,000 in expense funds in Fiscal Year 2009 to repair the Lostine River weir and replace the raceway liners for the acclimation site.

On May 9, 2006 the Council approved capital construction costs for a new hatchery and adult collection facility on the Lostine River and modification of the Innaha Satellite Facility in association with the Northeast Oregon Hatchery (NEOH), Project 1988-053-01. To date, construction has not occurred on the construction of a permanent weir facility. The existing temporary weir/trap facility, operated since 2000, needs an overhaul to allow capture of adults and to address safety issues. The estimated cost for this action is \$73,000.¹ In addition, the raceway liners used at the temporary Lostine River Acclimation facility have also deteriorated and need to be replaced to allow for the acclimation of Lostine River smolts. Estimated cost for this action is \$42,000.

Staff Recommendation: The total request for the actions addressed in this request totals \$115,000. Council staff feels that the request should be approved, not only for the safety issues, but also for the continued operations of the weir and smolt acclimation to meet the objectives of the project as approved in 2006. These repairs are needed for the near future until a final decision on the permanent facility is made. Bonneville is also supportive of this request.

Category 3b1: Threats to Project Integrity - (b) that jeopardize the performance of a discrete task or objective; (1) adverse biological consequences to the project

- Project 1993-066-00, *Oregon Fish Screens Project*

¹ On May 9, 2006 the Council approved the final design and construction (Step 3) costs associated with the Northeast Oregon Hatchery (NEOH), Project 1988-053-01 at \$16,462,309. The Lostine Adult Collection Facility accounted for approximately \$1,206,000 of this estimate.

The Oregon Department of Fish and Wildlife is requesting \$198,302 in expense funds in Fiscal Year 2009 to cover the anticipated loss of Mitchell Act funds. This project provides protection for anadromous and resident fish species in the John Day, Umatilla, and Walla Walla basins by the installation or replacement of out-dated fish-protection and passage devices on irrigation diversions (\$1,027,000 capital in FY '09). This project shares personnel, equipment, facilities, and expertise with the Mitchell Act-funded program to perform all operation and maintenance on existing screens. Expense program costs associated with operation and maintenance of this project are minimal (\$10,000 in FY '09) due to the support of the Mitchell Act funds.

At the Council meeting in Missoula, Montana on October 17, 2008 the Fish and Wildlife Committee reviewed the schedule and timeframe associated with the funding adjustment requests for the fourth quarter of Fiscal Year 2008. The Committee noted that recently other within-year budget requests have also referenced the loss of Mitchell Act funding. Due to its relationship to the fish and wildlife program and the need to understand the implications of the loss of the Mitchell Act funds, the Committee members requested a status review of these funds. On October 20th the Council sent a letter to Bob Lohn, regional administrator, requesting a presentation regarding the status of the Mitchell Act funding in the Columbia River Basin that addresses the implications and the magnitude of the loss of the Mitchell Act funds and the criteria used for apparent cuts to the program.

Staff Recommendation: Staff believes that this request presents an in-lieu issue for Bonneville. Based on our current understanding of the complexities of the distribution of Mitchell Act funds and the apparent in-lieu issue the loss of those funds presents for the program and Bonneville, the Council staff recommends that the Council not approve this request.

- Project 2007-398-00, *Manastash Creek Fish Passage Improvements*

This project addresses fish passage, diversion screening and instream flow issues to support fish recovery in the Yakima Basin. The principle area of focus is in the lower five miles of Manastash Creek. This is a cooperative project involving local water right holders, Washington Environmental Council, the Washington Department of Fish and Wildlife, and the Washington Department of Ecology. Project management is provided by the Kittitas County Conservation District. To date, cost shares associated with this project have been provided by the Washington Legislature (\$2.24 million). In addition, an additional match will come from the Department of Ecology water metering program.

This within-year request will assist in completing project implementation begun under Project 2003-001-00 and also represented by Project 2002-025-01 and Project 2007-0202-00 (Implementation Planning Budget 2009)². Bonneville is requested to provide \$748,592 in Fiscal Year 2009 capital funds to cover additional costs associated with the project. The additional funds are needed to address additional capital costs associated

² All three projects received ISRP review and were recommended by the Council as part of the FY 2007 - 2009 recommendation. The only comment provided as part of the funding recommendation referenced the "habitat m&e programmatic issue".

with the recently completed final designs (i.e., 2003 costs were based on conceptual design estimates). In addition, the conceptual costs did not include other costs associated with utilities and access associated with the project.

Staff Recommendation: Council staff recommends that the Council support the Bonneville recommendation to support this 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 1992-026-04, *Investigate Life History Of Spring Chinook Salmon and Summer Steelhead in the Grande Ronde River Subbasin*

The Oregon Department of Fish and Wildlife is requesting \$123,000 in expense funds in Fiscal Year 2009. The Council, as part of the Fiscal Year 2007 - 2009 decision recommended funding of this project at \$820,000 each year. Bonneville, as reflected in the Implementation Planning Budget for the project (July 2, 2007), identified funding at \$820,000 in Fiscal Year 2007, \$656,000 in Fiscal Year 2008, and \$557,600 in Fiscal Year 2009. These reductions were intended to address concerns that Bonneville had regarding in-lieu and monitoring and evaluation issues.³

In the first quarter of Fiscal Year 2008 the Council recommended that Bonneville fund the sponsor's initial request for Fiscal Year 2008 and Fiscal Year 2009 for an additional \$164,000 and \$262,400 respectively above the Bonneville decision level to maintain the project at the Council-recommended funding level. Bonneville supported only funds for Fiscal Year 2008.

The sponsor's request attempts to restore the recommended funding level for Fiscal Year 2009 to maintain the project's integrity to continue the experimental design to evaluate the effectiveness of the spring Chinook salmon supplementation program in the Grande Ronde Subbasin. If funds are not received, components of the project will need to be discontinued.

Staff Recommendation: Because of its importance to the continued evaluation of the effectiveness of hatchery supplementation, Council staff continues to support this project and the Council's recommended funding. The FCRPS draft Biological Opinion on Hydropower Operation references the project for its importance to fish population and tributary habitat monitoring. Staff anticipates that any adjustment to the current scope and intent of the project will occur as part of a future review that would be guided by a regional monitoring and evaluation framework.

- Project 1996-043-00, *Johnson Creek Artificial Propagation Enhancement Project*

The Nez Perce Tribe is requesting \$151,465 in expense funds for Fiscal Year 2009. This request is intended to address a 15-percent reduction in the Fiscal Year 2009 planning

³ Implementation Planning Budget, July 2, 2007. Expense Comments: See footnote reference : R8 (in Lieu), R11 (M&E).

budget for the project. This reduction is in association to the in-lieu issue as commented on in the 2007 Bonneville Implementation Planning Budget.⁴ It is interesting to note that this artificial production project is somewhat unique to the program in that both the operations and maintenance and monitoring and evaluation component of the project are addressed in the same project and for that reason the funding reduction actually reflects a more severe impact to the overall project than what was originally intended.

The Johnson Creek Artificial Propagation and Enhancement (JCAPE) project is a small-scale (100,000 smolts) supplementation initiative integrated with a monitoring and evaluation program designed to prevent the extirpation of the Johnson Creek stock. The Council approved the step review for the project in December 2005. The favorable recommendation was also confirmed in the Fiscal Year 2007 - 2009 funding decision. This recommendation was conditioned with the understanding that ISRP concerns regarding the reporting of monitoring results be addressed as part of contracting.⁵

Staff Recommendation: As outlined above, the funding reduction targeted for the monitoring and evaluation component of the project did not account for the operations and maintenance that is part of the planning budget associated with the project as recommended, therefore resulting in a 33-percent loss in the ability of the project to collect and validate field data as it evaluates the effects of supplementation. Until this project is guided by a regional monitoring and evaluation framework, funding should remain to keep the project integrity at its reviewed and recommended level. Council staff recommends that the Council concur with Bonneville and support the request.

- Project 1997-030-00, *Chinook Salmon Adult Abundance Monitoring [Formerly - Listed Stock Adult Escapement]*

The Nez Perce Tribe is requesting \$45,761 in expense funds for Fiscal Year 2009. This project is a research, monitoring, and evaluation project. This project is designed to collect data for long-term monitoring of trends in wild adult salmon stock abundance and productivity in a control or reference stream in the South Fork Salmon River for use in management and listed species recovery metrics monitoring. This project request is also seeking to restore the 15-percent budget reduction that is reflected in the Fiscal Year 2009 planning budget. As with the other two projects listed immediately above, this reduction is in association to the in-lieu issue as commented on in the 2007 Implementation Planning Budget.⁶

Staff Recommendation: Until this project is guided by a regional monitoring and evaluation framework, funding should remain to keep the project integrity at its reviewed and recommended level. Council staff recommends that the Council concur with Bonneville and support the request.

⁴ Implementation Planning Budget, July 2, 2007. Expense Comments: See footnote reference: R8 (in Lieu).

⁵ The reporting for this project has been accomplished to date: Annual Progress Report: 2005 - 2006 was submitted in July 2007; Annual Progress Report: 2006 - 2007 was submitted in August 2008.

⁶ Implementation Planning Budget, July 2, 2007. Expense Comments: See footnote reference: R8 (in Lieu).

Category 4: Other

- Project 1995-033-00, *O&M Yakima Basin Fish Screens*

The Bureau of Reclamation (BOR) is requesting \$27,000 in expense funds for Fiscal Year 2009. This project provides funding for the operation and maintenance to the BOR of Bonneville-owned Yakima Phase II fish screening and trapping facilities. Normally, the annual budget is consumed by the regular operation and maintenance. It has been determined, recently, a screen that has not met passage criteria for several years based on annual site evaluations and the observations (i.e., Glead Fish Screens) needs to be evaluated for possible design work for modifications or replacement. The BOR is requesting funds for this design work.

Staff Recommendation: Council staff recommends that the Council concur with Bonneville and not support the request.

- Project 2002-061-00, *Restore Potlatch River Watershed*

Latah Soil and Water Conservation District is requesting a scope change to the ongoing project. To date, the reviewed and recommended project has addressed restoration of A-run steelhead spawning and rearing habitat through the implementation of best management practices on private agricultural, forest, and range lands. With the completion of the Potlatch River Watershed Management Plan (PRWMP) the project sponsors want to expand the approach to the stream corridor. In addition, this action is addressed in the recently signed Memorandum of Agreement between the State of Idaho and the FCRPS action agencies.

Staff Recommendation: Based on the need to expand the scope of the ongoing project to meet the expectations of the Columbia Basin Fish Accords, the Council staff recommends that the change in scope be reviewed by the science review panel. If the review is favorable, implementation should then be contracted.

- 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) requested a no-budget scope change to this ongoing 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.

The Council on May 14, 2008 agreed 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). This change in the project emphasis has led to a more extensive level of collaboration at the local level and has provided the opportunity for this recent request to pursue easements as an approach for habitat activities. This change alters the scope of the project to a level that warrants science review.

Staff Recommendation: This project is guided by the implementation plan between the 2000 Biological Opinion and the UPA issued by NOAA Fisheries in 2004. Based on this need to meet the expectations of the BiOp and UPA to continue to improve tributary fish habitat by removing passage barriers and performing other channel improvements the Council staff recommends that the change in scope be reviewed by the independent science review panel. If the review is favorable, implementation should then be contracted.

Attachment 1: Within-year project funding adjustments received as part of the fourth quarter of Fiscal Year 2008.

Category	Project #	Project Title	Sponsor	FY 2009 Budget (BPA)	Request 2009	Status
3a	1998-007-02	Gd Ronde Supp Lostine O&M/M&E	NPT	\$583,215	\$115,000	Approve @ \$115,000
3b1						
	1993-066-00	Oregon Fish Screens Project	ODFW	\$10,000	\$198,302	Decline
	2007-398-00	Manastash Creek Fish Passage Improvements	BPA	\$1,118,774	\$748,592 (capital)	Approve @ \$748,592 (capital)
3b2						
	1992-026-04	Investigate Life History of Spring Chinook Salmon and Steelhead in the Grande Ronde Subbasin	ODFW	\$680,600	\$123,000	Approve @ \$123,000
	1996-043-00	Johnson Creek Artificial Propagation Enhancement Project	NPT	\$858,305	\$151,465	Approve @ \$151,465
	1997-030-00	Chinook Salmon Adult Abundance Monitoring [Formerly - Listed Stock Adult Escapement]	NPT	\$259,310	\$45,761	Approve @ \$45,761
5						
	1995-033-00	O&M Yakima Basin Fish Screens	BOR	\$104,877	\$27,000	Approve @ \$27,000
	1998-021-00	Hood River Fish Habitat	CTWSRO	\$174,920	\$0	Withdrawn by sponsor
	2002-061-00	Restore Potlatch R Watershed	Latah Soil and Water Conservation District	\$397,486	\$0	Approve for science review
	2007-112-00	Teanaway Watershed - Protect critical habitat from development, reduce water temperatures and increase instream flows, restore habitat forming processes in the floodplain	Kittitas Conservation Trust	NA	\$340,000	Withdrawn by sponsor
	2007-127-00	Reestablish Connectivity and Restore Fish Habitat in the East Fork of the South Fork Salmon River Watershed	NPT	\$605,600	\$0	Approve for science review
	2007-318-00	Entiat River - UPA - Knapp-Wham Hanan Detwiler Irrigation System Consolidation Project	Chelan County Conservation District (SWCD)	NA	\$0	Withdrawn by sponsor

Attachment 1: Letter received on November 6, 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

November 6, 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 fourth quarterly review of within-year budget and/or scope modification requests for Fiscal Year 08 [submissions reviewed by BOG in July, August, and September]. These requests were presented at the October Fish and Wildlife Committee Meeting, and a 14-day public comment period was opened. As a result of the BOG review, consideration of any comments, and coordination with Council staff, The Bonneville Power Administration has arrived at the following draft decisions.

Project Funding Requests

Category 3a

Project Number: 1998-007-02

Project Name: Grande Ronde Supplementation O&M - Lostine River Chinook

Contractor: Nez Perce Tribe

BPA-COTR: Jonathan McCloud

Budget Year/Amount Requested: 2009/\$115,000 (Tribes's preference)

Funding Type: Expense

Sponsor's explanation of need: The Grande Ronde Supplementation O&M project is requesting additional funding for repairs to the Lostine River weir/trap and acclimation facilities. For the Lostine River weir/trap facility, deteriorated weir/trap components need to be replaced to allow continued operation of the trap to capture of adults for another season. The weir/trap may be replaced with a permanent weir/trap facility in the future but repairs are required now to assure continued operation to meet project objectives as well as safety of employees.

The Nez Perce Tribe submitted estimates for two options to accomplish repairs to the weir/trap facility.

- Option 1: \$18,000 estimate would repair those weir panels that have holes in them as well as broken hardware. The Nez Perce Tribe estimates this fix would enable another year of trapping & monitoring before additional repairs would be needed for the weir/trap facility.

- Option 2: \$73,000 estimates would replace all weir panels and replace all associated hardware. Brand new weir panels would also bring the weir up to USFSW criteria for bull trout. The Nez Perce Tribe estimates this fix would enable another two to three years worth of trapping & monitoring before additional repairs would be needed for the weir/trap facility.

For the Lostine River Acclimation facility, the deteriorated raceway liners need replaced to allow for continued use for acclimation of Lostine River smolts. The acclimation facility may be replaced in the future but repairs are required now to support current operations as identified in the project scope of work. (cost of \$42,000).

BPA Recommendation:

BPA supports the requested full amount of \$115,000 for replacement of weir panels and hardware (option 2) and raceway liner replacement. Option 2 will support the short-term operation of the facility pending the anticipated NOAA decision on the HGMP in 2010.

Category 3b1

Project Number: 1993-066-00

Project Name: Oregon Fish Screens Project

Contractor: Oregon Department of Fish & Wildlife

BPA-COTR: Jamie Swan

Budget Year/Amount Requested: 2009/\$198,302

Funding Type: Expense

Sponsor's explanation of need: The Oregon Fish Screens Project is requesting additional funding for operation and maintenance of fish screens. The expense for O&M for this project has been funded by NOAA since 1952. NOAA is reducing funding of O&M personnel in the John Day, Umatilla and Walla Walla Basins this upcoming year (2009). NOAA is also proposing to eliminate all operation and maintenance funds (\$690,000) in 2010.

BPA Recommendation:

BPA does not support this request. BPA has concerns about funding operations and maintenance activities of that would be in lieu of those with responsibility.

Category 3b1

Project Number: 2007-398-00

Project Name: Yakima River Basinwide Tributary/Passage & Flow

Contractor: BPA

BPA-COTR: Jay Marcotte

Budget Year/Amount Requested: 2009/\$748,592

Funding Type: Capital

Sponsor's explanation of need: The Yakima River Basinwide Tributary/Passage & Flow Project is requesting additional funding to install screens and ladders at Manastash Creek, Keats-Jensen and Barnes Road irrigation diversions according to engineering designs and specs. The main reasons for the funding shortfall are threefold. *First*, the funding awards made in 2003 were based on conceptual designs and coarse cost estimates. The designs are now complete, as are estimates of probable cost by the design engineers (HDR FishPro) so we have the best cost estimates possible short of actual bids. *Second*, costs have escalated substantially since 2003. *Third*, the final estimates include activities that weren't in the original estimates, such as land acquisition costs, utilities, access roads, flow meters, and other changes to the designs that are necessary to meet project objectives.

BPA Recommendation:

BPA supports this capital request. This project has been in development for a number of years to meet objectives identified in both Council recommendation and BPA decisions for funding. This project also

supports on-the-ground habitat improvements for Mid-Columbia Steelhead identified in the FCRPS Biological Opinion.

Category 3b2

Project Number: 1992-026-04

Project Name: Investigate Life History of Spring Chinook Salmon and Steelhead in the Grande Ronde Subbasin

Contractor: Oregon Department of Fish and Wildlife

BPA-COTR: Greg Baesler

Budget Year/Amount Requested: 2009/\$123,000

Funding Type: Expense

Sponsor's explanation of need: The Life Studies of Spring Chinook and Steelhead in Grande Ronde Subbasin project is requesting funding for personnel, fringe, overhead, supplies to continue operating rotary screw traps in the Minam River and upper Grande Ronde River. At the planned FY09 budget level of \$697,000, ODFW would not be able to continue to monitor the production of spring Chinook salmon and steelhead smolts from the Minam and upper Grande Ronde rivers to evaluate the success of spring Chinook salmon supplementation in the Grande Ronde subbasin. The upper Grande Ronde River has been supplemented with hatchery produced spring Chinook salmon since the first adults returned in 2002, and ODFW has been monitoring the smolt production of spring Chinook salmon since 1993. ODFW has been monitoring the spring Chinook salmon smolt production from the Minam River since 2000. Smolt production and other key life history attributes measured during the supplementation period will be compared to those measured before supplementation in the same stream and also to the reference stream (Minam River) to evaluate the success of supplementation in the Grande Ronde Subbasin.

BPA Recommendation:

BPA supports this request. At the time of BPA's original FY07-09 implementation decision, we anticipated that regional review of the RM&E plan would be complete, including planning for status and trend monitoring to meet BiOp requirements. We are reinstating funding to the FY07-08 level for FY09 pending further guidance from RM&E review.

Category 3b2

Project Number: 1996-043-00

Project Name: Johnson Creek Artificial Propagation Enhancement Monitoring and Evaluation

Contractor: Nez Perce Tribe

BPA-COTR: Jonathan McCloud

Budget Year/Amount Requested: 2009/\$151,465

Funding Type: Expense

Sponsor's explanation of need: The Johnson Creek Artificial Propagation Enhancement M&E Project (JCAPE) is requesting additional funding as a result of the 15% reduction associated with the "in lieu of" 2009 funding decision. Both O&M and M&E work is performed under the JCAPE project. The JCAPE FY 08 budget was \$1,009,770. The 15% reduction reduced the project's '09 budget by \$151,465 (09 decision is \$858,305). The M&E portion of this project would be reduced by \$151,465 as the O&M portion will continue to be funded at the FY 08 level. This reduction will result in an estimated 33% loss in salaries used to employ personnel who collect/generate/validate field and lab data, an estimated 89% loss in non-administrative funds available for subcontracting (genetic tissue analysis), and an estimated 27% loss in funds used to cover project operations. These losses will invariably compromise the ability to analyze/interpret the data required to evaluate the effects of supplementation.

BPA Recommendation:

BPA supports this request. At the time of BPA's original FY07-09 implementation decision, we anticipated that regional review of the RM&E plan would be complete, including planning for status and

trend monitoring to meet BiOp requirements.. We are reinstating funding to the FY07-08 level for FY09 pending further guidance from RM&E review.

Category 3b2

Project Number: 1997-030-00

Project Name: Chinook Salmon Adult Abundance Monitoring

Contractor: Nez Perce Tribe

BPA-COTR: Debbie Docherty

Budget Year/Amount Requested: 2009/\$45,761

Funding Type: Expense

Sponsor's explanation of need: The Chinook Salmon Adult Abundance Monitoring project is requesting funding for personnel, fringe, overhead, supplies to install equipment, collect and analyze data. The request includes several parts:

- Install and operate three underwater optical cameras multiplexed with the DIDSON sonar signal to validate species identification of DIDSON target counts with an independent method.
- Install a second DIDSON sonar unit to collect sonar files to estimate precision.
- Collect multiplexed DIDSON and optical camera validation data throughout the salmon migration period as well as sonar files from the second DIDSON sonar unit to estimate precision.
- Validate DIDSON counts with independent method. Analyze data to validate DIDSON target counts with optical camera data for species identification purposes. Statistically compare DIDSON counts with optical camera counts by migration period and direction of movement from a stratified random sample of dates.
- Assist ISS staff with summary of redd count and biological information from salmon carcass recoveries to determine total number of redds by location, age and sex composition, hatchery composition, and prespawning mortality.

BPA Recommendation:

BPA supports this request. At the time of BPA's original FY07-09 implementation decision, we anticipated that regional review of the RM&E plan would be complete, including planning for status and trend monitoring to meet BiOp requirements.. We are reinstating funding to the FY07-08 level for FY09 pending further guidance from RM&E review.

Category 5

Project Number: 1995-033-00

Project Name: O&M Yakima Basin Fish Screens

Contractor: Bureau of Reclamation

BPA-COTR: Jay Marcotte

Budget Year/Amount Requested: 2008/\$27,000

Funding Type: Expense

Sponsor's explanation of need: The Yakama Basin Fish Screen O&M Project is requesting additional funding to develop a design appraisal (essentially a concept design) for improvements at the Glead Phase II fish screen site. This facility takes water directly at the river. The original facility design was constrained by extremely tight site conditions, with no room to create a canal fore-bay. The key issue is the "hot spots" along the screen surfaces caused by turbulent non-laminar flow against the screens, where approach velocities can exceed NMFS criteria by as much as four times. This causes unacceptable levels of fish impingement on the screens. In addition, a set of large steel plates, used during high spring flows to protect the screens, complicates the flow problems at the screen faces. Past attempts to address issues by adjusting operations have not succeeded. Other fixes to be reviewed include fixing gaps in the belt screen fabric which exceed NMFS criteria and dealing with the continual need to remove vast quantities of debris upstream if the site.

BPA Recommendation:

BPA supports this request. BPA and the BOR are continuing discussions to clarify our respective roles with respect to design, construction, and any subsequent changes that may be deemed necessary to address any performance issues associated with constructed facilities, including potential cost share.

Category 5

Project Number: 2002-061-00

Project Name: Restore Potlatch River Watershed

Contractor: Latah Soil & Water Conservation District

BPA-COTR: Wynn Avocette

Budget Year/Amount Requested: 2009/\$0, Scope change

Funding Type: Expense

Sponsor's explanation of need: The Restore Potlatch River Watershed Project is requesting a scope change to add additional work elements not previously proposed in the 07-09 solicitation. Those work elements include:

- WE#29 Increase Instream Habitat Complexity (Corral Creek)
- WE#30 Realign, Connect, and/or Create Channel (Corral Creek)
- WE#84 Remove/Install Diversion (Troy dam; Pine Creek bridge)
- WE#186 Operate and Maintain Habitat/Passage/Structure (Troy dam; Pine Creek bridge; East Fork Potlatch River)
- WE#33 Decommission Road/Relocate Road (Corral Creek; Troy dam; Pine creek bridge; East Fork Potlatch River)
- WE#181 Create, Restore, and/or Enhance Wetland (Corral Creek; East Fork Potlatch River)
- WE#27 Remove Debris (Corral Creek; Troy dam; Pine Creek bridge; East Fork Potlatch River)
- WE#184 Install Fish Passage Structure (Troy dam; Pine Creek bridge)

Corral Creek and East Fork Potlatch River were listed for both restoration and protection in the Potlatch River Watershed Management Plan (PRWMP). Sedimentation and stream/habitat complexity are limiting factors listed for those streams, among others (Refer to PRWMP chapter 7). Realignment of the streams to their original channels, and the addition of large woody debris will do much to reduce sediments and improve stream/habitat complexity. The Troy dam remnants and the Pine Creek Bridge are barriers to fish migration.

BPA Recommendation:

BPA supports this request, subject to ISRP review. We request ISRP review of the proposed changes.

Category 5

Project Number: 2007-127-00

Project Name: South Fork Salmon River Watershed Restoration

Contractor: Nez Perce Tribe

BPA-COTR: David Kaplowe

Budget Year/Amount Requested: 2009/\$0, Scope Change

Funding Type: Expense

Sponsor's explanation of need: The South Fork Salmon River Watershed Restoration Project is requesting a minor change in scope to include the acquisition of a conservation easement, in perpetuity, on the Wapiti Meadows Ranch property along Johnson Creek in the South Fork Salmon Watershed. Johnson Creek contains priority BiOp fish populations such as steelhead, spring/summer Chinook, fluvial bull trout and westslope cutthroat trout, and significant cost share is currently being offered by the landowner as well as partnering agencies including the Payette National Forest, the Boise National Forest and the Rocky Mountain Elk Foundation. Since this conservation easement opportunity was not available

at the time the original proposal and first revision to the original proposal were completed, it was not included. The request to pursue the conservation easement is being proposed now to take advantage of current landowner consent, and significant landowner and partnering agency financial contributions.

On May 15, 2008, the BOG approved a request for expansion of the geographic area of habitat improvements from one small site on the East Fork of the South Fork Salmon River to multiple sites throughout the South Fork Salmon watershed. This request also proposed culvert replacement; including potential road decommissioning that had not been reviewed by the ISRP. With this further request for scope change to include a conservation easement, BPA requests ISRP review of all proposed changes.

BPA Recommendation:

BPA supports this request, subject to ISRP review. Proposed changes address identified limiting factors in the watershed and focal fish populations prioritized in the BiOp.

Summary

In summary, the total of expense funding requested in this letter is \$462,226 and \$748,592 in capital. 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

	Project Number	Project Name	Contractor	Decision Quarter	2008	2009
	<i>Within-Year Pool Amount</i>					\$2,000,000
Approved BPA Actions	198201301	Coded-Wire Tag Recovery	Pacific States Marine Fisheries Commission	FY07-Q3	\$39,720	
	198343500	Umatilla Satellite Facilities O&M	Umatilla Tribe	FY08-Q2	\$65,000	
	198805307	Hood R Prod O&M - Ws/ODFW	Warm Springs Tribe	FY08-Q1	\$250,000	
	198805308	Hood River Powerdale Dam Fish Trap/Oak Springs/Pelton Ladder -Operation and Maintenance	ODFW/Warm Springs Tribe	FY07-Q4	\$21,515	\$21,515
	199008000	Columbia Basin PIT Tag Information System (PTAGIS)	Pacific States Marine Fisheries Commission	FY08-Q3	\$122,315	\$122,315
	199107800	Burlington Bottoms Wildlife Mitigation Project	Oregon Department Fish & Wildlife	FY08-Q2	\$27,283	\$27,283
	199202604	Investigate Life History Of Spring Chinook Salmon and Summer Steelhead in the Grande Ronde River Subbasin	Oregon Department Fish & Wildlife	FY08-Q1	\$164,000	\$139,400
	199501300	Nez Perce Trout Ponds			\$23,000	
	199503300	O&M Yakima Basin Fish Screens	Bureau of Reclamation	FY07-Q4	\$8,877	
	199505700	S Idaho Wildlife Mitigation	Idaho Department of Fish & Game	FY08-Q1	\$130,000	
	199506001	Iskuulpa Watershed Project	Umatilla Tribe	FY08-Q2	\$20,000	\$20,000
	199609401	Scotch Creek Wildlife Area	Washington Department Fish & Wildlife	FY08-Q3		\$73,096
	199701325	Yakima/Klickitat Fisheries Project Operations and Maintenance	Bureau of Reclamation	FY08-Q3	\$10,000	
	199800401	Columbia Basin Bulletin	Intermountain Communications	FY07-Q4	\$25,000	\$90,000
	199801005	Pittsburg Landing Fall Chinook Acclimation Project (FCAP)	Nez Perce Tribe	FY08-Q3	\$18,500	
	200002100	Securing Wildlife Mitigation Sites - Oregon Ladd Marsh WMA and Grande Ronde Subbasin Wetlands	Oregon Department Fish & Wildlife	FY08-Q2	\$23,750	\$23,750
	200100300	Adult Pit Detector Installation	Pacific States Marine Fisheries	FY07-Q4	\$123,895	

		Commission				
	200105300	Reintroduction of Chum Salmon into Duncan Creek	Pacific States Marine Fisheries Commission	FY07-Q3	\$32,000	
	200201400	Sunnyside Wildlife Mitigation	Washington Department Fish & Wildlife	FY07-Q4	\$47,200	
	200205300	Assess Salmonids Asotin Cr Ws	Washington Department Fish & Wildlife	FY07-Q4	\$25,342	
	200311400	Acoustic Tracking For Survival	Kintama Research Corporation	FY08-Q1	\$387,397	\$130,515
	200700300	Dworshak Dam Resident Fish Mitigation Project	Idaho Department of Fish & Game	FY08-Q2	\$55,000	
	200721200	Develop a locally-adapted summer steelhead program to supplement natural production	Colville Confederated Tribes	FY08-Q2	\$16,507	
	200740200	Snake River Salmon Sockeye Captive Propagation	Shoshone-Bannock Tribes	FY08-Q2	\$19,500	
	200740400	OR Snake River Spring/Summer Chinook Salmon Captive Propagation	Oregon Department Fish & Wildlife	FY07-Q3	\$33,469	\$66,358
	200800300	Capture, Marking, Hazing & Removal of California Sea Lions at Bonneville Dam	Pacific States Marine Fisheries Commission	FY08-Q1	\$130,000	
	200800400	Sea Lion Predation Rate Estimation and Non-lethal Hazing	CRITFC	FY08-Q1	\$75,000	
	200731800	Entiat River - UPA - Knapp-Wham Hanan Detwiler Irrigation System Consolidation Project	Cascadia Conservation District	FY08-Q2	\$40,425	
			Total Approved Actions:		\$1,934,695	\$714,232
			Current Expense Within-Year Pool Balance:		\$65,305	\$1,285,768
Draft actions per BPA Recommendation	EXPENSE					
	199800702	Grande Ronde Supplementation O&M - Lostine River Chinook	Nez Perce Tribe	FY08-Q4		\$115,000
	199202604	Investigate Life History of Spring Chinook Salmon and Steelhead in the Grande Ronde Subbasin	Oregon Department of Fish and Wildlife	FY08-Q4		\$123,000
	199604300	Johnson Creek Artificial Propagation Enhancement Monitoring and Evaluation	Nez Perce Tribe	FY08-Q4		\$151,465

	199703000	Chinook Salmon Adult Abundance Monitoring	Nez Perce Tribe	FY08-Q4		\$45,761
	199503300	O&M Yakima Basin Fish Screens	Bureau of Reclamation	FY08-Q4	\$27,000	
	200206100	Restore Potlatch River Watershed	Latah Soil & Water Conservation District	FY08-Q4		\$0
	200712700	South Fork Salmon River Watershed Restoration	Nez Perce Tribe	FY08-Q4		\$0
			Total Pending Actions:		\$27,000	\$435,226
		Expense Within-Year Pool balance (including pending actions)			\$38,305	\$850,542
	200739800	Yakima River Basinwide Tributary/Passage & Flow	BPA	FY08-Q4		\$748,592
			Total Pending Actions (CAPITAL):		\$0	\$748,592
Other	200601400	HSRG <i>(project added to program, but did not use within-year pool of funds)</i>			\$1,300,000	
		CAPITAL				
	199206800	Willamette Basin Wildlife Mitigation Project	Oregon Department Fish & Wildlife	FY08-Q3	\$414,000	
	200726000	Upland Prairie/Oak Acquisition	The Nature Conservancy	FY08-Q3	\$1,000,658	