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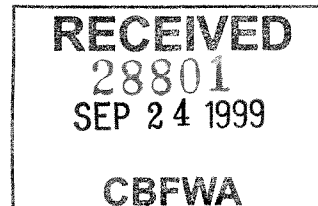
September 15, 1999

MEMORANDUM

TO: Council Members

FROM: Council staff

SUBJECT: FY 2000 project selection process -- Council decision-making process for September 22, 1999.



The process that has been established for making funding recommendations for FY 2000 calls for Council recommendations on five discreet categories of proposals on September 22, 1999. The following two-part document provides recommendations for the Council on budget issues (Part I) and project funding recommendations (Part II).

The first category of proposals aligned for decision is new proposals that the ISRP identified as "do not fund" in its report and/or CBFWA did not prioritize as tier 1 with funding recommended. As proposed, the Council would categorically recommend that these new projects not be funded in FY 2000. The second category includes those proposals that CBFWA and the ISRP both recommended for funding. Absent a Council policy issue, those projects would be recommended for funding by the Council at this time. The third category of proposals positioned for Council decision are those that the ISRP and CBFWA both recommended for funding, but raised policy issues identified by the Council in funding recommendations in prior years. The proposals that fall into this category have previously been identified in the rolling issue memorandum and discussed by the Council. These proposals and staff recommendations are set forth in the following material in Part II, section C (items 1 through 9). The fourth category ready for Council decision contains three proposals that were not rated by the ISRP (CBFWA budget and ISAB budget). Finally, the fifth category of proposals aligned for a decision are those that the ISRP suggested that funding be delayed until a discreet deficiency is corrected by Bonneville and the proposal sponsor.

All project proposals that do not fall into one of the above five categories are involved in the second ISRP review cycle. The ISRP will provide its report on these project in late October, making the November 2nd Council meeting the next opportunity to make recommendations on proposals.

PART I. FY 2000 BUDGET ISSUES

A. Amount of funds available for FY 2000

CBFWA has recommended a FY 2000 budget amount of \$141,126,857. That figure is based upon the \$127 million that Bonneville budgets for fish and wildlife direct expenses under the budget MOA, and eight additional assumptions that would augment the base \$127 million. CBFWA argues that certain costs should be allocated to parts of the Bonneville fish and wildlife program other than the \$127M Direct Program, and that contributions to the Direct Program should be made from some of the other parts of the program.

Bonneville submitted comments to the Council on August 13, 1999 indicating a start of year budget of about \$131,600,000, including interest and carry forward of unspent funds. Bonneville will not agree to CBFWA's proposed allocation of certain costs to other parts of the fish and wildlife program and will not agree to transfer money from other parts of the program into the Direct Program.

Recommendation: That the Council not adopt final budget assumptions at this time. While it is unlikely that Bonneville will change its position, it is possible that, by applying more realistic project schedules and applying the reductions in budget resulting from projects not recommended for funding, the final budget may be fall within the total Bonneville has agreed to make available.

Council staff is engaged in discussions with Bonneville and CBFWA representatives in an attempt to mutually agree upon the funds available for FY 2000. If the current discussions do not produce an agreement within the next two months, it would be appropriate for the Council to unilaterally state its opinion and recommendation on the assumptions included in the CBFWA budget as part of its final decisions on the FY2000 projects.

B. Delivering a balanced start-of-year budget to Bonneville

The Council will be making its recommendations to Bonneville on funding FY 2000 proposals in a series of decisions this fall and winter. This phased approach is necessary because the Council must await the results of the additional ISRP review for many proposals before making recommendations. After that, another phase of decision-making on proposals will take place as the Council conducts any necessary policy reviews and transition plans for proposals that do not receive a favorable recommendation in the second ISRP review.

For this reason, there will not be a start-of-year budget that recommends funding levels for all projects.

Recommendation: That staff be directed to develop a start-of-year budget that includes itemized amounts for the projects recommended today for funding, and general

placeholder amounts for remainder, using the \$131,600,000 budget assumptions agreed to by Bonneville. As additional projects are recommended for funding, the funds in the placeholder amounts would be reduced accordingly. In the event that the Council ultimately chooses to recommend a budget level higher than that agreed to by Bonneville, then the total available in the budget would be increased accordingly.

The projects proposed by staff for funding at today's meeting total approximately \$70M, which is well within the base budget agreed to by Bonneville

C. Latest information on balancing expense and capital within the budget.

In addition to fitting the Council's recommendations within a total budget figure, there is also an issue of achieving an appropriate balance between expense and capital items. The \$127M in Direct Program funding that Bonneville makes available each year includes \$100M for items that are accounted as expenses, and \$27M for items that are accounted as capital investments.

In past years, Bonneville staffs have been able to work through this issue and achieve the appropriate balance in a manner that did not require further consideration by the Council. There is some concern that this year the projects that may be recommended for funding would include substantially more than \$100M in items that must be accounted as expenses, and that Bonneville staff may not be able to resolve the balance. A preliminary estimate suggests that the expense/capital balance may be off by approximately \$10 million to \$14 million.

Recommendation: That the Council proceed with its decisions at this meeting without specific regard to whether projects qualify as expense or capital items, and that staff be directed to continue to work with Bonneville and CBFWA to resolve this issue. Bonneville staffs are aware of the issue and considering a number of possible approaches to resolving it. While it is useful to know that there may be a problem, it is too early to declare that the problem will in fact occur.

D. Proposed fiscal guidance policy

The Council is concerned about the fiscal implications of project budgets that far exceed what was originally proposed and recommended by the Council. Two notable examples confronted this year are the Nez Perce Tribal Hatchery and Walla Walla Passage Improvements, where estimated costs to implement the projects have doubled in less than two years.

The Council is aware it is difficult to assess exactly what a project will cost until well into the planning or design phases, especially for capital construction projects. Nonetheless, the Council believes that fiscal accountability is a critical element of implementation of the Fish & Wildlife program. When it becomes known that a project is likely to be much more expensive than when it was contemplated, consideration should

be given to whether the project should continue as first proposed, or whether it should be revised or altered in light to the new cost estimates.

Recommendation: That Council staff be directed to work with Bonneville and CBFWA staff to develop an appropriate “trigger” mechanism for further review.

For example, the Council could request that Bonneville or the project sponsor notify the Council at any time the total cost of completion for a project is expected to be more than 20% greater than initially proposed. Upon receipt of this information, the Council would consult with Bonneville, the fish and wildlife managers and others to assess the budget implications of any increases and to take the appropriate action(s) to ensure the cost-effectiveness of implementation of the Council program.

E. Interim funding provisions

For projects awaiting a final Council funding recommendation, the Council recommends that Bonneville the follow the interim guidelines on funding these projects below (a. through c.). The Council believes that “life-support” funding is most appropriate for these projects, given the possibility that some on-going projects will not be recommended for funding. The following guidelines comprises what the Council believes is appropriate as “life-support” funding:

- a. Funding to support existing personnel to preserve project capacity.
- b. Funding for operations and maintenance to preserve existing investments.
- c. Except as necessary to continue or complete previously approved activities, funding should not be provided or increased to:
 - new sub-contracts
 - acquisition of land, easements or equipment
 - hire new personnel
 - provide for new construction activities or other on-the-ground restoration activities

While there may be exceptions or additions to these guidelines, the Council believes that this is the most responsible approach to interim funding of these projects. For projects with carry-over funding available, the Council reiterates its position on the use of carry-over funds. Project sponsors should use carry-over funds only to fund tasks that are a part of the project proposal for the prior year, i.e. FY99. Carry-over funds should not be used to fund any new activities or work.

PART II. RECOMMENDATIONS FOR DECISION ON FIVE CATEGORIES OF FY 2000 PROPOSALS

The following five categories of FY 2000 proposals are ready for Council decision, or require Council direction at this time in order to prepare them for decision in November (see categories A through E below). The formal final decision document will be developed later this year, after the recommendations on the remainder of the proposals are made. However, it is appropriate to provide direction to Bonneville and project sponsors at this time on the proposals in the following categories.

Much of the language below is lifted directly from version 4 of the rolling issue memo. The entire rolling issue memo was not included here because much of that document addresses longer-term issues beyond the scope of the Council action that is required at this time. Again, the staff emphasizes that the document presented here is not the final decision making document -- there will be additional versions of the "rolling memo" that address and further develop the longer-term "Desired End State" issues, as well as issues related to FY 2000 proposal recommendations (such as directing work towards sub-basin planning where such opportunities are presented).

A. Council recommendation on new proposals not recommended for funding by both CBFWA and the ISRP

- **Recommendation:** That the Council recommend to Bonneville that proposals for *new* projects that did not received a funding for recommendation from either CBFWA or the ISRP (the so-called “no/no” proposals) not be funded at this time because of scientific, policy, and cost-effectiveness considerations.

These new projects are not recommended because: (1) they did not meet the scientific review standards; (2) available funds are limited, and insufficient for all projects proposed by CBFWA which makes maintenance of past investments in ongoing projects a higher priority; (3) many were not in the CBFWA high priority projects (tier 1); and (4) they raise policy and cost-effectiveness problems in that they seek to launch new initiatives to implement a Program that will be amended within the term of the proposed project,

B. Council recommendation on proposals recommended by *both* CBFWA and the ISRP

- **Recommendation:** That the Council recommend to Bonneville that these *new and ongoing* projects that received favorable funding recommendations from both CBFWA and the ISRP (the so-called “yes/yes” proposals), with the exception of those proposals in this category identified below as having policy considerations for the Council, be funded by Bonneville at the CBFWA recommended funding level, with the condition addressed in the following two paragraphs.
- The Council recommends to Bonneville that it require the proposal sponsors to address any specific items of concern noted by the ISRP as part of the contracting process, and to document how their treatment. Bonneville should not fund the proposal until it has determined that, in its opinion, the response reasonably addresses the specific items of concern. However, the Council is not asking Bonneville to make an independent determination of the scientific merits of such responses. Rather, the scientific merit of the response will be an issue for both the ISRP and the Council when the proposal is next reviewed for funding.
- If the ISRP recommended that a certain portion of a proposal not be funded or implemented, and the sponsor and Bonneville determine that the remainder of the proposal cannot be implemented fully as a high-quality stand-alone project, no portion of the proposal should be funded.
- If CBFWA reduced the sponsor-requested budget such that the sponsor or Bonneville have concerns about the ability to implement the proposal, the Council will review the issue during the first quarterly review.

C. Council recommendation on proposals recommended by both CBFWA and the ISRP, but with policy issues for Council consideration.

- **Recommendation:** That the Council separate the following projects from the general recommendation above and discuss them in light of the issues identified with them.

- (1) **Law enforcement** - funding requested for two projects, (9202400, 9202409 - CRITFC, NPT), approx. \$814,000.

Issue: Technically, these projects are not part of the “yes/yes” group of projects, since CBFWA did not make a recommendation regarding them. However, the ISRP has recommended that funding be provided for two law enforcement projects proposed for Bonneville funding this fiscal year.

The Council must decide if it will: (1) continue to apply the standards developed and employed in the FY 98 and 99 process regarding the funding of law enforcement projects, or, (2) have the ISRP’s recommendation to fund the projects guide its decision without further inquiry.

Past Council Treatment: In its FY 1998 recommendations the Council recommended that Bonneville funding of law enforcement projects be discontinued. The basis for that recommendation was that the law enforcement portion of the Program had expanded beyond its originally intended scope and duration. In addition, the Council was concerned that funding these activities may present an “in lieu” issue under the Act. Notwithstanding the general recommendation to discontinue funding of these projects, after further deliberation, review of comments, and public discussion, the Council advised that it would consider **“proposals to fund specific law enforcement tasks that are tied to the core purposes of the Act, do not present an ‘in lieu’ issue, under the Act, and are associated with activities funded under the Council’s program, such as protecting habitat investments.”**

In its FY 99 recommendations, the Council reaffirmed the policy and approach for treatment of law enforcement projects that it established in the FY 98 process. In that year, four law enforcement projects were recommended (totaling about \$1.7 million). However, these projects were not part of a *consensus CBFWA recommendation*. The Council recommendation stated that if CBFWA were to ultimately present a funding recommendation for law enforcement activities, that it would review such a proposal, in consultation with the project sponsors and Bonneville, to determine if they are consistent with the standards established in the FY 98 process (highlighted in bold above).

Staff Recommendations: (1) That CBFWA be given additional time to make a recommendation and (2) that these projects be referred to the ISRP for a recommendation as to what priority they should receive as compared to other new projects that did not receive a CBFWA recommendation but were recommended for funding by the ISRP.

At the September 1 work session meeting, CBFWA representatives stated that CBFWA had taken no position on the two law enforcement proposals, largely because there had not been time for a CBFWA work group to finish developing criteria to apply to these proposals. Therefore, the staff recommends that CBFWA be permitted to take until November 1st to finish its work on criteria for law enforcement proposals, and develop a consensus recommendation and budget allocation for these proposals.

In addition, and whether or not a CBFWA recommendation is provided, the staff recommends that these two proposals be included in the group of proposals submitted to the ISRP for prioritization relative to the other projects recommended by the ISRP but not CBFWA, and a Council staff analysis using the criteria applied in FY 1998 and FY 1999 (highlighted above).

If after the ISRP and Council staff reviews these projects are recommended for funding, then these projects could be funded within the allocation set aside for projects that were either “innovative” or elevated in priority by the ISRP (bullet 2 of version 4 of the rolling memo). It is not recommended that any specific budget placeholder for these projects be developed.

(2) gas supersaturation monitoring and evaluation - funding requested for three projects (9602100, 20143(formerly 9300802), 20157 - USGS, CRITFC, IDFG), approx. \$202,000.

Issue: The ISRP recommended funding for two projects. A third was not reviewed by the ISRP. The issue for the Council is to accept the recommendations of the ISRP on the two projects it recommended without further inquiry, or to also require those proposals to be consistent with the gas research plan developed by CBFWA. In addition the Council must decide if the project not reviewed by the ISRP should be subjected to independent review prior to making a funding recommendation.

Past Council Treatment: In FY 98, the ISRP questioned the level of attention and expenditure that was being made on evaluating the effects of dissolved gas when “the physical causes and engineering solutions are known and the general biological detriment of high gas supersaturation were well proven.” In response, the Council recommended that funding for these projects be held in reserve pending the development of a coordinated research plan by the Dissolved Gas Team, associated funding recommendations, and review by the ISAB of the Corps’ gas program. Ultimately a plan was developed through CBFWA in December 1998 taking into account an ISAB report on the Corps gas program.

Staff recommendations:

1) Project 96-02100 The staff recommends that this project be funded for one year, and reviewed in conjunction with the smolt monitoring program and other Programmatic M&E programs. This project is primarily for external examination of juvenile migrants for external signs of gas bubble disease. The project is linked to the smolt-monitoring program. This type of juvenile monitoring is required by Oregon and Washington water quality agencies as a condition to granting permits to dam operators to spill water for fish passage. The CBFWA research plan states that “biological monitoring [of gas bubble disease] will continue as long as it is a necessary element of the dissolved gas waivers.”

2) Project 20143: The staff recommends that this project not be funded because it is no longer needed to secure gas waivers, which is the primary link the CBFWA gas plan requires of biological monitoring. Though possessing a new project number, this project is the continuation of an ongoing gas project. It is primarily monitoring adult salmonids for signs of gas bubble disease. As of April 1999, neither the state of Washington or Oregon requires adult monitoring as a condition of granting gas waivers for spill.

3)Project 20157: Staff recommends that the proposal be submitted for ISRP review, and that the funding decision be delayed pending both that review, and the report and evaluation expected in October. Despite the a new number, this project has existed since 1995. The project was not reviewed by the ISRP due to its untimely submission. The project monitors biological symptoms of gas bubble disease as a condition for a waiver from the Idaho DEQ for spill at Dworshak dam. This project is scheduled to

undergo a five year evaluation by Idaho DEQ, IDFG, and NMFS, with a report expected in October of this year.

(3) Northern Pikeminnow predator control: (90-07700) - funding recommended at \$2.506million.

Issue: Are the projects proposed consistent with prior guidance to utilize those most cost-effective means of reducing these predators and not an expenditure on additional research oriented activities?

Past Council Treatment: N. Pikeminnow: In its FY 98 recommendations, the Council recommended funding for those portions of the proposed projects that utilized what had been demonstrated as the most cost effective methods for reducing Pikeminnow, and recommending that funding be discontinued for those methods that had not been as demonstrably effective. In addition, the Council noted that the project had been so successfully monitored and evaluated that the questions related to predator behavior, and the benefit obtained by reducing their numbers had been answered, and that additional efforts to evaluate such issues were unnecessary. **Terns:** On July 22, 1999, the Council sent a letter to Will Stelle, CBFWA, and the Corps requesting that they develop a management plan for Caspian tern predator control. That management plan is expected on September 21.

Staff Recommendation: N. Pikeminnow - The Council has two concerns: 1) a continuing concern over the high cost and cost-effectiveness of implementing this project, and 2) given the 10 year history of implementation of this project under the current format, and the ISRP concerns relative to this issue, whether it is time to consider new strategic approaches to Pikeminnow management and control.

After a preliminary review by Council staff, the Council makes the following recommendation:

a. Fund project 9007700 for one year at the level recommended by CBFWA, \$2.506M. The Council notes that this amount is significantly less than the amount requested by the project sponsors. Given the Council concerns over cost-effectiveness of this program, this budget reduction will be considered an appropriate interim response until a more in-depth scientific and fiscal review is completed.

b. Funding of this program in future years will be dependent on an analysis and report to the Council that addresses the following:

- the declining performance and justification of the entire program, specifically the dam angling and site-specific fisheries;
- fiscal review of administrative and personnel costs for all components;
- feasibility and cost/benefit analysis of alternative predator control strategies.

To conduct this review the Council will immediately establish a review team. The team will do the analysis and prepare a report for the Council on their findings. The team is to consist of:

- Council Fish & Wildlife staff,
- Bonneville project contracting officer and technical representative,
- CBFWA staff member,
- designated peer review group member(s)
- Council Administrative Officer and/or staff

The team will consult with project proponents and others as necessary to complete the review, and will have a report back to the Council no later than February 1, 2000.

(4) Caspian Tern predator control: (9702400) - funding recommended for \$642,600

Issue: The Council requested a long-term management plan for Caspian tern predator control activities funded by Bonneville. A report on the management plan to the Council is expected on September 21. Is the proposed tern project consistent with that plan?

Staff recommendation: Terns: The staff recommends that the Council evaluate the tern project after considering the report and presentation by USFWS, NMFS and the Corps on the long-term management plan on September 21.

(5) captive propagation One new and several existing projects.

Issue: The Council has expressed several concerns with these proposals in the past (see points (1) through (4) immediately below). The Council has also requested a prioritization to apply to these types of proposals that has not been provided at this time.

Past Council Treatment: The Council has expressed several categorical concerns with captive broodstock proposals: (1) the projects are expensive, (2) they appear to be proliferating, (3) the feasibility of the technology had not been adequately reviewed, and, (4) an underlying question related to the question of whether these projects are primarily “ESA projects”, or, projects that are consistent with and part of the Program funded by Bonneville.

The Council has recommended that existing captive broodstock programs be funded, but it called upon NMFS to work with the other anadromous fish managers to develop a set of interim standards for the application of captive broodstock technology. The Council advised that its continued funding support for the NMFS systemwide project was contingent before a set of acceptable standards being developed. The Council also stated that it would not recommend funding for any new captive broodstock projects absent an emergency, without those standards. The Council also stated its intention to require captive broodstock projects to follow the interim “3-Step review process” for artificial production projects. The Council has also asked that NMFS prioritize captive broodstock projects, and provide that schedule.

In February of this year, NMFS submitted the interim standards report requested by the Council. The Region is using these interim standards as temporary guidance in the various fora in which captive propagation is being discussed. The standards were incorporated into the guidelines and performance standards developed in the preservation/conservation purpose of artificial production under the APR process, and are, therefore, consistent with the principles, policies, and purposes as described in the report and recommendations. The Council will submit this report to Congress later this fall.

Staff Recommendations:

- (1) Funding levels for existing programs should be held at current levels pending that prioritization and no expansion of existing or implementation of new proposals should be permitted. To date, the Council has not received a prioritization of likely target populations and intervention programs to form a basis for programmatic and budget planning.
- (2) The Council should not consider any new funding for this technique until adequate review has been completed, and, if possible, sub-basin plans are in place.
- (3) A review of these captive brood programs for consistency with APR report policies and standards must be conducted before additional funds are allocated

to these programs or new programs. The new Tucannon proposal may not proceed at this time given these requirements.

- (4) That the Council concur with the ISRP recommendation that all captive propagation proposals be linked to projects that address sources of mortality (e.g. habitat restoration) so that the existing condition has improved enough to provide survival benefits to the populations being conserved.

(6) lamprey projects – funding recommended for three projects (20019, 20065, 20121) (IDFG, USGS, USFWS) approx. \$287,000.

Issue: The ISRP has recommended funding for three new lamprey projects in FY 2000. The Council must decide if it will: (1) recommend to fund the projects as proposed by the ISRP, or (2) condition its recommendation on a finding that these new projects have been assessed and coordinated with the on-going lamprey umbrella project, demonstrating that there is a need for an expansion of the lamprey work in the basin.

Past Council Treatment: In its FY 99 recommendations the Council recommended that new lamprey research and evaluation projects recommended by CBFWA not be funded. The projects proposed that year did not appear to be connected or coordinated with the existing, on-going, coordinated lamprey umbrella project that was developed in response to a lamprey status review conducted in 1995 (project 9402600). That existing project, being implemented in phases, is supposed to provide information regarding lamprey status, and possibly identify restoration plans. It made little sense to the Council to recommend the start-up of new lamprey projects not linked to the existing umbrella project.

Moreover, the Council was concerned that the existing project seemed to be out of sequence, seeking funds for implementation (phase III) prior to the planning and Council approval of the planning to be completed in phase II. The Council's recommendation stated that if project sponsors sought to initiate new lamprey research projects in the future, the project sponsors and CBFWA should assess the on-going effort and proposed new projects in a coordinated way and recommend whether there is a need for a more detailed project review and possibly an expansion of the lamprey effort in FY 2000. The Council recommended that no funds be expended until Council review and approval of the lamprey restoration plans to be produced during phase II of the project.

Staff Recommendations:

- (1) That the ongoing project be adequately assessed, and if it is demonstrated that there is a need to expand the lamprey work at this time, that new proposals be coordinated with the ongoing project.
- (2) That implementation activities not be funded prior to Council approval of a lamprey restoration plan.
- (3) That the Council defer a decision on lamprey proposal funding until the ISRP has completed its second review of the ongoing project in late October.

The ongoing project (9402600) was rated as “fund in part”, will be reviewed again by the ISRP. The sponsor comments on the initial ISRP report and the lamprey appendix in the CBFWA DAIWP will be part of that review.

It is anticipated that this second review will provide additional information to the Council on whether or not the ongoing project is properly sequenced (restoration

planning and approval prior to implementation), whether the project's prior work has been adequately assessed, whether there is a demonstrated need to expand lamprey work at this time with *new projects* and if the new lamprey projects proposed are adequately coordinated with the ongoing project.

(7) Lake Pend Oreille kokanee study (Project 94-04700, recommended funding \$379,000)

Issues:

- (1) The proposed continuation of the Lake Pend Oreille kokanee restoration study imposes substantial lost power costs on Bonneville and has significant potential impacts on down-river parties including Pend Oreille PUD and riparian landowners. These costs are not reflected in the recommended funding stated above and should be considered by the Council before approving funding.
- (2) The ISAP has recommended that, if the study is funded, it should be continued for additional years to include one and preferably two kokanee generations.

Background: The kokanee study has been underway at elevated lake levels since 1997. Idaho Fish and Game proposes to continue the study at an elevated lake level for one additional year, and then provide the results of its analysis to the Council for consideration before a proposal for further study is submitted.

At the request of the Council, the ISAB issued a report on the Lake Pend Oreille studies dated August 30, 1999. The ISAB recommendation was:

1. Recommend against discontinuing the experiment with lake level regulation that is underway.
2. If the lake level experiment is to be expanded beyond the initial five years approved by the Council, a full description of the experiment should be required to be provided to the Council (for review by the ISRP prior to its implementation) of a rigorously designed experiment that includes changing lake elevations and observing the effects on kokanee abundance. Simply continuing passive monitoring observations for a period of years at the same level would not be productive use of resources (water, fish or personnel).

The Council has also requested and received from the IEAB a report of the potential economic impacts associated with the study.

On September 14, 1999, in Spokane, Council members from Oregon and Washington held a meeting to consider further information and consult with interested parties about the proposed study and about potential mitigation.

Staff recommendation: That, if possible, the interested Council members provide to the Council a joint recommendation on how to proceed.

(8) wildlife mitigation: four projects (20112, 20114, 20115, 20116) (Oregon Wildlife Coalition)

Issue: CBFWA and the ISRP have recommended that several new wildlife habitat acquisition and mitigation projects be funded for FY 2000. Bonneville has indicated that it will need to know specifically which existing and unsatisfied wildlife losses should be credited before these projects can proceed.

Staff Recommendations. This recommendation contains several parts, and is intended to address both FY 2000 issues, as well as longer-term wildlife crediting issues.

- (1) That the Council facilitate a resolution of the crediting methodology, mitigation accounting, and equitable allocation of credits, and any other crediting issues that surface with the wildlife managers, Bonneville, and others. The Council is advised that the wildlife managers will be forwarding to it a recommendation on crediting methodology. The Council will use this recommendation as a vehicle to begin the discussions on all of the crediting issues discussed here.
- (2) That Bonneville fund all wildlife projects recommended by CBFWA in FY 98, FY99, and FY00 that have been approved by the Council and recommended to Bonneville. This includes projects 20112, 20114, 20115, and 20116 referenced in Bonneville's August 13, 1999 comments. Pending resolution of the crediting issues, the managers and Bonneville should assign the HU's achieved by their projects on an interim basis to the hydroprojects where credits are believed to be available: NE Oregon (NPT), Logan Valley (BPT), Ladd Marsh (ODFW), Denny Jones (BPT), Wenaha (ODFW), and FY 99 and FY 00 Yakama Riparian acquisitions (YIN) to the Lower Snake; and Irrigon (ODFW), Pine Creek (CTWSRO), Horn Butte (ODFW), Trout Creek (ODFW), and S. Fork Crooked River (ODFW) to John Day, The Dalles, Bonneville, and the Willamette projects.

The Council is aware that Bonneville and project proponents have negotiated, and are in the process of negotiating agreements that contain terms dealing with how projects are implemented, and how credit is given Bonneville for existence and enhancement values of wildlife projects. The Council-hosted discussions proposed in these recommendations on crediting issues should address these matters, but there may not be a final resolution of these issues in time to apply to agreements being negotiated. The Council believes that the existing language in the fish and wildlife program regarding crediting and full and adequate mitigation should be given full consideration in these discussions.

(9) Data management projects: These projects were recommended by the ISRP as “fund for one year” (Streamnet, smolt monitoring, Fish Passage Center, DART, etc.) and will be reviewed as part of a “systemwide” province following completion of the Council’s Fish and Wildlife Program amendment process.

Staff recommendation: Staff recommends that these projects be for one year, and sponsors should anticipate the need to incorporate these activities funded by Bonneville into the monitoring and evaluation components of an amended Program in future years.

D. Proposals not rated by the ISRP

(1) ISAB budget

Issue and staff recommendation: The ISRP did not rate the proposals for funding the ISAB. The ISAB work is contained in two proposals (which has been the case each year). CBFWA recommended that these proposals be funded, but it reduced the sponsor request by 50% in each case (from a total of \$783,498 to \$391,749). The rationale behind the reduction is that CBFWA believes that only approximately one-half of the work done by the ISAB relates to the direct program, and therefore, other portions of the MOA budget should fund 50% of the proposal. Staff recommends that the Council recommend that the two ISAB proposals be funded at the level requested by the sponsors

Regarding the ISRP, it does not appear that CBFWA included a budget assumption in its proposed budget. However, funding for the ISAB comes from the direct program budget. Staff recommends that the Council do what it has done in past years, and recommend to Bonneville that it budget \$500,000 to fund ISRP activities.

(2) CBFWA budget (including coordination funding):

Issue and staff recommendation: The Council and CBFWA staffs have been meeting to discuss this issue. The parties will continue to meet to discuss and develop a mutually agreed upon plan of CBFWA activities and associated funding requirements for the coming fiscal year. The staff recommends that these items be funded at the current levels on an interim basis pending the resolution of the funding needs within the next two months.

E. Projects recommended by CBFWA and rated as “Delay for Priorities” by the ISRP.

The fourth category of projects requiring Council direction at this point are those that were rated tier 1 with funding recommendations by CBFWA, and “delay to establish priorities”. The Council recommends that Bonneville work with the project sponsors to answer the ISRP concerns; the Council requests a written response from Bonneville and the project sponsors no later than November 1, at which time the responses will be reviewed by the Council and funding recommended as appropriate.

The Council notes that these projects fall into three general categories: rationale for acquisition of land or construction, O&M on land yet to be acquired, and prioritization of proposed activities or lack of clear prioritization. The Council believes that in most cases these issues can be resolved easily and quickly and calls on Bonneville and the project sponsors to resolve these concerns as soon as possible. If for whatever reason Bonneville and the project sponsor are unable to resolve the issues identified by

November 1, the Council will conduct its own review of the project(s) at that time to determine what funding recommendation is appropriate.

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ProjectID	Title	Sponsor	FY00 CBFWA Rec.	FY00 Sponsor Request	Notes: 3-Step, etc.	ISRP Rec.	CBFWA Tier	ISRP comparison to CBFWA	Vol. I Pages	Vol. II Page	
I. Projects not recommended for funding by both CBFWA and the ISRP											
1	20002	Hydrologic Study Of Stangland, Tyler And Clear Lake Area	Stangland-Tyler Aquifer Study		\$171,211		DNF	3	Agree-DNF	97-98	150
2	20003	Enhance Fish Habitat By Improving Water Quality	SYCD		\$200,000		DNF	3	Agree-DNF	91-93	143
3	20004	White Salmon River Watershed Enhancement Project	White Salmon River Watershed Mgmt Com.		\$205,527		DNF	3	Agree-DNF	77	91
4	20005	West Fisher Watershed Restoration	USFS		\$288,112		DNF	3	Agree-DNF	101-104	189
5	20009	Fertilization Of Kootenay Lake And Arrow Reservoir	B.C. Ministry of Environment, Lands and Parks		\$175,000		DNF	2	Disagree-DNF	101-104	191
6	20010	Improve Fish Habitat By Reducing Farm Sediment Runoff	Benton Conservation District		\$1,500,000		DNF	3	Agree-DNF	91-93	144
7	20011	Evaluate Whole System Effects On Migration And Survival Of Juvenile Salmon	Oregon Cooperative F&W Research Unit		\$400,698		DNF	2	Disagree-DNF	51	4
8	20015	Characterize And Assess The John Day Watershed Using Landsat Tm Imagery	Northwest Habitat Institute		\$215,380		DNF	3	Agree-DNF	80-81	104
9	20016	Snake River Steelhead Hooking Mortality Study	WDFW		\$117,240		DNF	2	Disagree-DNF	107	205
10	20018	Tucannon River and Asotin Creek Riparian Enhancement	WDFW		\$134,051		DNF	2	Disagree-DNF	107	209
11	20021	Estimate natural steelhead production in two tributaries of the Walla Walla	WDFW		\$332,850		DNF	2	Disagree-DNF	84-87	118
12	20024	Evaluate Fall Chinook Natural Production and Spawning Habitat Conditions in	WDFW		\$120,687		Delay Funding	2	Disagree-until corrected	107	207
13	20026	Evaluate Status Of Coastal Cutthroat Trout Above Bonneville Dam	ODFW		\$255,053		DNF	2	Disagree-DNF	77	88
14	20027	Electronic Columbia Basin Watershed Newsletter	Intermountain Comm.		\$56,600		Delay Funding	3	Disagree-if deficiencies corrected	62-63	63
15	20030	Impact Of Nutrients On Salmon Production In The Columbia River Basin	U of BC		\$185,640		DNF	2	Disagree-DNF	63	47
16	20031	Community Ecology And Food Web Studies In The Columbia River Basin	USFS		\$65,500		DNF	3	Agree-DNF	97-98	148
17	20036	Evaluate bull trout movements in the Tucannon and Lower Snake rivers.	USFWS-IFRO		\$111,164	Tier 2, CBFWA does not recommend FY2000 funding (\$107,164).	DNF	2	Disagree-DNF	107	201
18	20038	Assess Habitat And Passage For Anadromous Fish Upriver Of Chief Joseph Dam	CCT		\$274,284		DNF	2	Disagree-DNF	97-98	148
19	20039	Comparative Population Study: Naneum, Coleman, Cooke Creeks	Washington Trout		\$52,218		DNF	3	Agree-DNF	91-93	147

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	ProjectID	Title	Sponsor	FY00 CBFWA Rec.	FY00 Sponsor Request	Notes: 3-Step, etc.	ISRP Rec.	CBFWA Tier	ISRP comparison to CBFWA	Vol. I Pages	Vol. II Page
20	20043	Intracytoplasmic Sperm Injection: Genetic Retrieval From Single Sperm	U of I		\$223,765	Council Policy Issue - Captive Propagation	DNF	3	Agree-DNF	63	42
21	20044	Endocrine Control Of Ovarian Development In Salmonids	U of I		\$222,150	Council Policy Issue - Captive Propagation	DNF	3	Agree-DNF	63	43
22	20046	Induction of Precocious Sexual Maturity and Enhanced Egg Production in Fish	U of I		\$196,812	Council Policy Issue - Captive Propagation	DNF	3	Agree-DNF	63	44
23	20047	Enhancement of salmonid gamete quality by manipulation of intracellular ATP	U of I		\$182,915	Council Policy Issue - Captive Propagation	DNF	3	Agree-DNF	63	44
24	20048	Viral Vaccines And Effects On Reproductive Status	WSU		\$204,887		DNF	3	Agree-DNF	64	44
25	20050	Remove Excess Heat From Streams And Store It For Future Application	Parker's Inc		\$29,160		DNF	3	Agree-DNF	63	48
26	20051	Decrease Sedimentation And Temp. In Streams, Educate Resource Managers	OSU EXT		\$882,877		DNF	3	Agree-DNF	107	203
27	20053	Anadromous Salmonid Transit System	Morrison-Knudsen Corp		\$698,523		DNF	3	Agree-DNF	107	203
28	20055	Evaluate A Mark-Resight Survey For Estimating Numbers Of Redds	RMRS		\$43,050		DNF	3	Agree-DNF	116	241
29	20058	Leavenworth Hatchery Complex	BOR		\$630,000		DNF	3	Agree-DNF	97-98	149
30	20060	Juvenile Anadromous Fish Prototype-Scale Evaluation Facility	Northwest Hydraulic Consultants, Inc.		\$127,700		DNF	3	Agree-DNF	61	27
31	20061	Influence Of Marine-Derived Nutrients On Juvenile Salmonid Production	USGS-BRD		\$309,859		DNF	2	Disagree-DNF	63	49
32	20066	Inventory Resident Fish Populations in the Bonneville, The Dalles, and John	USGS-BRD		\$267,340		DNF	3	Agree-DNF	64	52
33	20068	Numerical Study Of Flow-Field Structure On Salmonid Migration	UMICH		\$94,640		DNF	3	Agree-DNF	61	27
34	20069	Innovation Proposal Fund: Construct fuzzy logic decision support system fo	E&S Environmental Chemistry, Inc.		\$100,000		DNF	3	Agree-DNF	62-63	62
35	20070	Water Conservation And Stream Enhancement Project			\$18,382,000		DNF	3	Agree-DNF	77	94
36	20072	Restoring Perennial Instream Flows At Ahtanum Creek	Dames and Moore		\$184,900		DNF	3	Agree-DNF	91-93	145
37	20073	Evaluate Relationship Between Land Use, Water Quality, And Fish Health	USGS		\$261,100		DNF	3	Agree-DNF	97-98	156
38	20075	Engineered Anadromous Salmonid Habitat	U of I		\$60,502		DNF	2	Disagree-DNF	63	38
39	20077	Inventory and Assessment of Irrigation Diversion Alternatives to Push-up Da	USBOR		\$187,500		DNF	3	Agree-DNF	80-81	105
40	20081	STOI Wildlife Land Acquisition And Enhancements.	STOI		\$2,032,750		DNF	2	Disagree-DNF	101-104	166
41	20085	Analyze And Improve Fish Screens	NPT		\$129,141		DNF	3	Agree-DNF	107	204

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42	20089	Increase Instream Water Rights For Crabtree Creek	South Santiam Watershed Council		\$1,402,816		DNF	3	Agree-DNF	70-71	76
43	20091	Construct Warm Springs Wetland	SWID RC&D		\$47,200		DNF	3	Agree-DNF	125-127	267
44	20095	Evaluate Interactions Of American Shad With Salmon In The Columbia River	USGS-BRD		\$152,314		Fund	2	Agree	61	32
45	20096	Ford Hatchery Improvement, Operation and Maintenance	WDFW		\$333,105		Fund	2	Agree	101-104	160
46	20097	Phalon Lake Wild Rainbow Trap Improvements and O&M	WDFW		\$25,000	Tier 2, CBFWA does not recommend FY2000 funding (\$25,000).	Delay Funding	2	Disagree-until corrected	101-104	161
47	20098	Develop And Evaluate Selective Commercial Fishing Gear: Tangle Nets	WDFW		\$184,673		DNF	2	Disagree-DNF	70-71	66
48	20099	System For Salmon Migrating Through Dams	Krick Salmon Survival Systems		\$145,000		DNF	3	Agree-DNF	61	28
49	20100	Characterize Historic Channel Morphology Of The Columbia River: McNary Pool	PNNL		\$119,751		DNF	2	Disagree-DNF	74-76	80
50	20101	Connectivity And Productivity Of Mainstem Alluvial Reaches	PNNL		\$166,905		DNF	3	Agree-DNF	63	49
51	20104	Sources Of Myxobacterial Pathogens In Propagated Salmonids	USFWS/SCTC		\$90,100		DNF	2	Disagree-DNF	64	46
52	20105	Develop New Feeds For Fish Used In Recovery And Restoration Efforts	USFWS/SCTC		\$99,761	Council Policy Issue - Captive Propagation	DNF	3	Agree-DNF	63	40
53	20108	Recruit, Train, Organize & Support River Stewards	Oregon Trout		\$75,750		DNF	3	Agree-DNF	70-71	68
54	20110	Develop Wheels, Pools and Falls Approach for Fish Passage at Dams.	Sun Mountain Reflections		\$198,570		DNF	3	Agree-DNF	61	29
55	20111	Preserve Cryogenically the Gametes of Selected Mid-Columbia Salmonid Stocks	CRITFC		\$89,573	Council Policy Issue - Captive Propagation	DNF	2	Disagree-DNF	63	41
56	20117	Yakima River Subbasin Assessment	YIN		\$235,059		Delay Funding	3	Agree-DNF	91-93	138
57	20123	Restoration Of Sockeye Salmon Into Palmer Lake	Salmonsoft		\$101,460		Delay Funding	2	Disagree-until corrected	97-98	154
58	20125	Restore Riparian And Anadromous Fish Habitat In The Upper Sandy Basin	USFS		\$97,750		DNF	3	Agree-DNF	70-71	78
59	20126	Habitat Enhancement Within Transmission Corridors	USFS		\$308,500		DNF	3	Agree-DNF	74-76	84
60	20129	Dworshak Mitigation Cultural Resource Survey Project	NPT		\$45,000		na	3	na	120	261
61	20130	Northeast Oregon Mitigation Trust Fund	NPT		\$4,500,000		DNF	3	Agree-DNF	120	258
62	20132	Yakima River Basin Water Temperature Monitoring And Modeling Project	Yakima Basin Joint Board		\$84,700		DNF	2	Disagree-DNF	91-93	146
63	20133	Irrigation as a Management Tool for Stream Temperature	OSU		\$81,444		DNF	3	Agree-DNF	120	260

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64	20136	Burns Paiute Mitigation Coordinator	BPT	\$50,494		Fund	3	Agree-fold into other BPT proposals	125-127	268
65	20142	Snake River Temperature Control Project, Phase III	CRITFC, UI, OGI	\$564,491		DNF	3	Agree-DNF	107	201
66	20144	Create Stream Reference Condition Data Set For The Upper Flathead R Basin		\$26,000		DNF	2	Disagree-DNF	101-104	182
67	20145	Evaluate Little Walla Walla Screening Facility	ODFW	\$242,677		Fund in Part	2	Agree	84-87	117
68	20147	Evaluate Bull Trout Population Status/N.F. Clearwater R. - Npt	NPT	\$188,100		DNF	2	Disagree-DNF	112	225
69	20148	Evaluate Bull Trout Population Status/N.F. Clearwater R - Idfg	IDFG, NPT	\$154,920		DNF	2	Disagree-DNF	112	226
70	20149	Develop Research Priorities For Fall Chinook In The Columbia River Basin	PNNL	\$70,080		DNF	3	Agree-DNF	62	34
71	20150	Evaluate Return Flow Recovery	Roza-Sunnyside Board of Joint Control	\$35,000		DNF	3	Agree-DNF	91-93	129
72	20151	Landowner Communication Program	RSBOJC	\$11,500		DNF	3	Agree-DNF	91-93	130
73	20152	Improve Yakima River Water Quality By Incorporating Buffer Strips	RSBOJC	\$161,000		DNF	3	Agree-DNF	91-93	131
74	20153	Construct Sediment Settling Basins	RSBOJC	\$264,500		DNF	3	Agree-DNF	91-93	131
75	20154	Improve Water Quality Monitoring Program	RSBOJC	\$161,000		DNF	3	Agree-DNF	91-93	132
76	20155	Inventory On-Farm Irrigation Practices	RSBOJC	\$9,600		DNF	3	Agree-DNF	91-93	133
77	20536	Develop Management Plan & Assess Fish & Wildlife - Owyhee Basin, D.V.I. R.	SPT - DVIR	\$133,820		Fund for 1 YR	3	Agree fold into other DVIR proposals	125-127	270
78	8910700	Statistical Support For Salmonid Survival Studies	UW	\$184,930		DNF	3	Agree-DNF	56-61	25
79	8910800	Monitor And Evaluate Modeling Support	UW	\$411,300		DNF	3	Agree-DNF	56-61	24
80	9303800	North Fork John Day Area Riparian Fencing	USFS	\$68,000		Delay Funding	2	Disagree-until corrected	80-81	101
81	9603201	Begin Implementation Of Year 1 Of The K Pool Master Plan Program	YIN	\$428,073		Fund	2	Agree	74-76	81
82	9705000	Little Naches River Riparian & In-channel Enhancement Project	YIN	\$96,142		Fund for 1 YR	2	Agree	91-93	139
83	9800600	Path Technical Support - James J. Anderson	Anderson Consulting	\$50,000		DNF	3	Agree-DNF	56-61	25
84	9802600	Document Native Trout Populations	Washington Trout	\$60,701		Fund for 1 YR	2	Agree	74-76	85
85	9808001	PIT Tag Purchase And Distribution	PSMFC	\$0		Fund for 1 YR		na	52-56	16
86	9902400	Bull Trout Population Assessment in the Columbia River Gorge, WA	WDFW	\$200,000		DNF	2	Disagree-DNF	74-76	86

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ProjectID	Title	Sponsor	FY00 CBFWA Rec.	FY00 Sponsor Request	Notes: 3-Step, etc.	ISRP Rec.	CBFWA Tier	ISRP comparison to CBFWA	Vol. I Pages	Vol. II Page	
2. Projects Recommended by both CBFWA and ISRP											
1	20001	Remove 23 migrational barriers and restore instream and riparian habitat on	USFWS	\$160,000	\$305,000		Fund	1	Agree-fund	97-98	152
2	20008	Monitor And Protect Wigwam River Bull Trout For Kooacanusa Reservoir	British Columbia Ministry of Environment, Lands and Parks	\$60,000	\$60,000		Fund for 1 YR	1	Agree-fund	101-104	190
3	20020	Tucannon River Spring Chinook Captive Broodstock Program	WDFW	\$134,049	\$283,538	Council Policy Issue - Captive Propagation; 3 Step Review Determination Needed	Fund for 1 YR	1	Agree-fund	107	206
4	20032	Protect Bear Valley Wild Salmon, Steelhead, Bull Trout Spawning Habitat	SBT & IDFG	\$310,000	\$310,000		Fund	1	Agree-fund	116	246
5	20035	Water Right Acquisition Program (Multi-Year Fy 2000-2002)		\$130,000	\$130,000		Fund	1	Agree-fund	74-76	83
6	20037	Improvement Of Anadromous Fish Habitat And Passage In Omak Creek	CCT	\$349,661	\$349,661		Fund	1	Agree-fund	97-98	156
7	20059	Infrastructure To Complete FDA Registration Of Erythromycin	U of I-FWR	\$71,022	\$71,022		Fund	1	Agree-fund	63	39
8	20088	Assess Mckenzie Watershed Habitat And Prioritize Projects	McKenzie River Focus Watershed Council	\$183,000	\$183,000		Fund for 1 YR	1	Agree-fund	70-71	75
9	20090	Logan Valley Wildlife Mitigation Project	BPT		\$2,002,301	OR Wildlife, see 9705900	Fund for 1 YR	1	Agree-fund	125-127	267
10	20118	Klickitat River Sub-Basin Assessment	YIN	\$141,035	\$235,059		Fund for 1 YR	1	Agree-fund	91-93	124
11	20119	Rock Creek Watershed Assessment and Restoration Project	YIN	\$156,206	\$240,317		Fund	1	Agree-fund	84-87	108
12	20120	Evaluate Factors Limiting Columbia River Gorge Chum Salmon Populations	USFWS	\$189,853	\$189,853		Fund	1	Agree-fund	70-71	68
13	20124	Evaluate An Experimental Re-Introduction Of Sockeye Salmon Into Skaha Lake	CCT	\$171,171	\$219,450	3 Step Review Determination Needed (Innovative)	Fund	1	Agree-fund	97-98	155
14	20128	Riparian Restoration And Enhancement Planning For Multnomah Channel	Metro	\$30,000	\$65,000		Fund	1	Agree-fund	70-71	76
15	20134	Acquire Oxbow Ranch -- Middle Fork John Day River	CTWSRO	\$1,300,000	\$2,628,064		Fund for 1 YR	1	Agree-fund	80-81	104
16	20140	Tualatin River National Wildlife Refuge Additions	FWS	\$250,000	\$1,250,000		Fund for 1 YR	1	Agree-fund	70-71	69
17	20141	Recondition Wild Steelhead Kelts	CRITFC	\$72,752	\$80,252	innovative	Fund for 1 YR	1	Agree-fund	91-93	146
18	20146	Lake Roosevelt Kokanee Net Pens	WDFW	\$185,825	\$185,825	Completed before 3 Step	Fund for 1 YR	1	Agree-fund	101-104	162

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19	8201300	Coded-Wire Tag Recovery	PSMFC	\$1,923,498	\$1,923,498		Fund for 1 YR	1	Agree-fund	52-56	19
20	8332300	Smolt Monitoring At The Head Of Lwr. Granite Reservoir & Lwr. Granite Dam	IDFG	\$396,700	\$396,700		Fund for 1 YR	1	Agree-fund	52-56	10
21	8401400	Smolt Monitoring Program Marking	USFWS	\$121,038	\$121,038		Fund for 1 YR	1	Agree-fund	52-56	11
22	8402100	Protect And Enhance Anadromous Fish Habitat In The John Day Subbasin	ODFW	\$426,046	\$426,046		Fund for 1 YR	1	Agree-fund	80-81	100
23	8402500	Protect And Enhance Anadromous Fish Habitat In Grande Ronde Basin Streams	ODFW	\$273,000	\$366,782		Fund for 1 YR	1	Agree-fund	120	255
24	8506200	Passage Improvement Evaluation	PNNL	\$100,000	\$100,000		Fund	1	Agree-fund	91-93	126
25	8605000	White Sturgeon Mitigation And Restoration In The Columbia And Snake Rivers	ODFW	\$1,919,161	\$1,919,161	Step 1 - Intent?	Fund	1	Agree-fund	64	53
26	8709900	Dworshak Dam Impacts Assessment and Fisheries Investigation	IDFG	\$285,000	\$285,000		Fund	1	Agree-fund	112	233
27	8710002	Protect And Enhance Anadromous Fish Habitat In The Umatilla River Subbasin	ODFW	\$353,000	\$465,158		Fund	1	Agree-fund	84-87	116
28	8712700	Smolt Monitoring by Federal and Non-Federal Agencies	PSMFC	\$1,870,449	\$1,870,449		Fund for 1 YR	1	Agree-fund	52-56	10
29	8712702	Comparative Survival Rate Study (Css) Of Hatchery Pit Tagged Chinook	PSMFC	\$936,201	\$936,201		Fund for 1 YR	1	Agree-fund	52-56	11
30	8712703	Imnaha River Smolt Monitoring Program Project	NPT	\$188,722	\$188,722		Fund	1	Agree-fund	120	261
31	8805303	Hood River Production Program - M&E	CTWSRO	\$499,888	\$499,888		Fund	1	Agree-fund	77	88
32	8805304	Hood River Production Program - OdFw M&E	ODFW	\$424,000	\$424,000		Fund	1	Agree-fund	77	89
33	8810804	Streamnet: The Northwest Aquatic Information System	PSMFC	\$1,936,453	\$1,936,453		Fund for 1 YR	1	Agree-fund	62-63	60
34	8815600	Implement Fishery Stocking Program Consistent With Native Fish Conservation	SPT - DVIR	\$119,903	\$129,903	3 Step Review Determination Needed	Fund for 1 YR	1	Agree-fund	125-127	273
35	8816000	Willamette Hatchery Oxygen Supplementation	ODFW	\$33,310	\$33,310		Fund	1	Agree-fund	70-71	72
36	8902401	Evaluate Juvenile Salmonid Outmigration And Survival In The Lower Umatilla	ODFW	\$250,785	\$300,499		Fund for 1 YR	1	Agree-fund	84-87	115
37	8902900	Hood River Production Program-Pelton Ladder-Hatchery	ODFW	\$115,029	\$115,029	Completed before 3 Step	Fund	1	Agree-fund	77	89
38	8906500	Annual Stock Assessment - Cwt (Usfws)	USFWS	\$110,586	\$110,586		Fund for 1 YR	1	Agree-fund	52-56	20
39	8906600	Annual Stock Assessment- Coded Wire Tag Program (Wdfw)	WDFW	\$373,852	\$373,852		Fund for 1 YR	1	Agree-fund	52-56	21
40	8906900	Annual Stock Assessment - Cwt (Odfw)	ODFW	\$215,800	\$215,800		Fund for 1 YR	1	Agree-fund	52-56	20
41	8909600	Monitor and evaluate genetic characteristics of supplemented salmon and ste	NMFS	\$175,000	\$249,300		Fund	1	Agree-fund	108	214
42	8909800	Idaho Supplementation Studies	IDFG	\$974,229	\$974,229		Fund for 1 YR	1	Agree-fund	108	211
43	8909801	Evaluate Salmon Supplementation in Idaho Rivers (ISS)	USFWS-IFRO	\$129,965	\$129,965		Fund for 1 YR	1	Agree-fund	108	212

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44	8909802	Evaluate Salmon Supplementation Studies In Idaho Rivers	NPT	\$377,455	\$377,455		Fund for 1 YR	1	Agree-fund	108	212
45	8909803	Evaluate Salmon Supplementation Studies In Idaho Rivers	SBT	\$228,438	\$228,438		Fund for 1 YR	1	Agree-fund	108	213
46	9004401	Lake Creek Land Acquisition And Enhancement	CDA Tribe	\$140,423	\$140,423		Fund	1	Agree-fund	101-104	170
47	9004402	Coeur D' Alene Tribe Trout Production Facility	CDA Tribe	\$1,500,000	\$1,553,244	Step 1	Fund	1	Agree-fund	101-104	170
48	9005200	Performance/Stock Productivity Impacts of Hatchery Supplementation.	BRD	\$460,000	\$495,232		Fund for 1 YR	1	Agree-fund	62	35
49	9008000	Columbia River Basin Pit Tag Information System	PSMFC	\$1,364,976	\$1,364,976		Fund for 1 YR	1	Agree-fund	52-56	16
50	9009200	Wanaket Wildlife Mitigation Project Operations & Maintenance	CTUIR	\$200,000	\$200,000		Fund for 1 YR	1	Agree-fund	74-76	83
51	9009300	Genetic Analysis Of Oncorhynchus Nerka (Modified To Include Chinook Salmon	U of I	\$139,434	\$144,859	Council Policy Issue - Captive Propagation	Fund	1	Agree-fund	62	36
52	9101903	Hungry Horse Mitigation - Watershed Restoration & Monitoring (MFWP Umbrell	MFWP	\$498,026	\$498,026	Step 1 (Sekokini Springs)	Fund	1	Agree-fund	101-104	178
53	9102800	Monitoring Smolt Migrations of Wild Snake River Sp/Sum Chinook	NMFS	\$325,200	\$385,200		Fund	1	Agree-fund	116	239
54	9104600	Spokane Tribal (Galbraith Springs) Hatchery Operation & Maintenance	STOI	\$521,934	\$521,934	Completed before 3 Step	Fund for 1 YR	1	Agree-fund	101-104	157
55	9104700	Sherman Creek Hatchery O&M.	WDFW	\$201,397	\$201,397	Completed before 3 Step	Fund for 1 YR	1	Agree-fund	101-104	158
56	9105500	N A T U R E S [Formerly Supplemental Fish Quality (Yakima)]	NMFS	\$500,000	\$500,000		Fund	1	Agree-fund	63	37
57	9105700	Yakima Phase 2 [Fish] Screen Fabrication	WDFW, YSS	\$293,113	\$293,113		Fund	1	Agree-fund	91-93	126
58	9106000	Pend Oreille Wetlands Wildlife Mitigation Project - Kalispel	KT	\$153,917	\$153,917		Fund for 1 YR	1	Agree-fund	101-104	176
59	9107200	Redfish Lake Sockeye Salmon Captive Broodstock Program	IDFG	\$680,096	\$680,096	Council Policy Issue - Captive Propagation; Completed before 3 Step	Fund	1	Agree-fund	116	241
60	9107500	Yakima Phase II Screens - Construction	USBOR	\$1,000,000	\$1,000,000		Fund	1	Agree-fund	91-93	127
61	9107800	Burlington Bottoms Wildlife Mitigation Project	ODFW	\$116,822	\$116,822		Fund	1	Agree-fund	70-71	73
62	9200900	Yakima [Fish] Screens - Phase 2 - O&M	WDFW, YSS	\$133,591	\$133,591		Fund	1	Agree-fund	91-93	127
63	9201000	Habitat Restoration/Enhancement Fort Hall Reservation	SBT	\$132,821	\$132,821		Fund	1	Agree-fund	125-127	263
64	9202200	Physiological Assessment of wild and hatchery juvenile salmonids.	NMFS	\$349,589	\$358,064		Fund for 1 YR	1	Agree-fund	63	36
65	9202601	Grande Ronde Model Watershed Program	GRMWP	\$930,000	\$930,000		Fund for 1 YR	1	Agree-fund	120	256
66	9202603	Idaho Model Watershed Administration/Implementation Support	SCC	\$185,400	\$185,400		Fund for 1 YR	1	Agree-fund	116	243
67	9202604	Life History Of Spring Chinook Salmon And Summer Steelhead	ODFW	\$700,000	\$797,616		Fund	1	Agree-fund	120	254

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	ProjectID	Title	Sponsor	FY00 CBFWA Rec.	FY00 Sponsor Request	Notes: 3-Step, etc.	ISRP Rec.	CBFWA Tier	ISRP comparison to CBFWA	Vol. I Pages	Vol. II Page
68	9204000	Redfish Lake Sockeye Salmon Captive Broodstock Rearing And Research	NMFS	\$475,000	\$500,000	Council Policy Issue - Captive Propagation	Fund	1	Agree-fund	116	241
69	9204101	Lower Columbia River Adult Study	COE	\$0	\$200,000	? Tier 1, but no funding recommended by CBFWA	Fund for 1 YR	1	Agree-fund	61	28
70	9205900	Amazon Basin/Eugene Wetlands Phase Two	TNC	\$50,000	\$2,376,020		Fund	1	Agree-fund	70-71	69
71	9206100	Albeni Falls Wildlife Mitigation		\$2,195,237	\$4,417,686		Fund for 1 YR	1	Agree-fund	101-104	175
72	9206200	Yakama Nation - Riparian/Wetlands Restoration	YIN	\$1,550,000	\$1,750,000		Fund for 1 YR	1	Agree-fund	91-93	142
73	9206800	Implement Willamette Basin Mitigation Program	ODFW	\$230,000	\$230,000		Fund	1	Agree-fund	70-71	74
74	9301900	Powerdale, Parkdale, and Oak Springs O&M	ODFW and CTWSRO	\$486,805	\$486,805	Completed before 3 Step	Fund	1	Agree-fund	77	90
75	9302900	Survival Estimates for the Passage of Juvenile Salmonids Through Dams and R	NMFS/NWFSC	\$1,198,950	\$1,198,950		Fund	1	Agree-fund	62	34
76	9304000	Fifteenmile Creek Habitat Restoration Project (Request Multi-Year Funding)	ODFW	\$246,856	\$246,856		Fund for 1 YR	1	Agree-fund	77	92
77	9304001	Fifteenmile Creek Wild Steelhead Smolt Production	ODFW	\$27,180	\$27,180		Fund	1	Agree-fund	77	92
78	9305600	Assessment of Captive Broodstock Technology	NMFS	\$1,236,923	\$1,310,300	Council Policy Issue - Captive Propagation	Fund for 1 YR	1	Agree-fund	63	40
79	9306000	Select Area Fishery Evaluation Project	ODFW, WDFW, CEDC	\$1,400,000	\$1,500,000	3 Step Complete	Fund for 1 YR	1	Agree-fund	70-71	65
80	9306200	Salmon River Anadromous Fish Passage Enhancement	LSWCD, CSWCD	\$100,000	\$100,000		Fund for 1 YR	1	Agree-fund	116	244
81	9401002	Flathead River Native Species Project (MFWP Sub-proposal)	MFWP	\$267,049	\$267,049		Fund	1	Agree-fund	101-104	180
82	9401500	Idaho Fish Screen Improvement - O&M	IDFG	\$1,000,000	\$1,000,000		Fund	1	Agree-fund	116	245
83	9401700	Idaho Model Watershed Habitat Projects	LSWCD, CSWCD	\$400,000	\$400,000		Fund for 1 YR	1	Agree-fund	116	244
84	9401805	Continued Implementation Of Asotin Creek Watershed Projects	Asotin County Conservation District	\$235,000	\$239,000		Fund for 1 YR	1	Agree-fund	107	207
85	9401806	Implement Tucannon River Watershed Plan To Restore Salmonid Habitat	Columbia Conservation District	\$253,000	\$330,000		Fund for 1 YR	1	Agree-fund	107	208
86	9401807	Continue With Implementation Of Pataha Creek Model Watershed Projects	Pomeroy Conservation District	\$120,000	\$212,995		Fund for 1 YR	1	Agree-fund	107	208
87	9403300	The Fish Passage Center (Fpc)	PSMFC	\$1,079,363	\$1,079,363		Fund for 1 YR	1	Agree-fund	52-56	9
88	9403400	Assessing Summer And Fall Chinook Restoration In The Snake River Basin	NPT	\$316,822	\$316,822		Fund for 1 YR	1	Agree-fund	107	199
89	9403900	Wallowa Basin Project Planner	NPT	\$55,313	\$58,035		Fund for 1 YR	1	Agree-fold into other NPT proposals	120	257

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90	9404200	Trout Creek Habitat Restoration Project Multi Year Funding Proposal	ODFW	\$358,847	\$380,697		Fund	1	Agree-fund	77	94
91	9404300	Monitor, Evaluate, And Research The Lake Roosevelt Fishery	STOI	\$1,500,000	\$1,500,000		Fund for 1 YR	1	Agree-fund	101-104	159
92	9405000	Salmon River Habitat Enhancement M&E	SBT	\$245,000	\$245,000		Fund	1	Agree-fund	116	245
93	9405300	Bull Trout Assessment - Willamette/Mckenzie	ODFW	\$59,240	\$59,240		Fund	1	Agree-fund	70-71	73
94	9405400	Bull Trout Genetics, Habitat Needs, L.H., Etc. In Central And N.E. Oregon	ODFW	\$380,000	\$424,608		Fund	1	Agree-fund	74-76	85
95	9405900	Yakima Basin Environmental Education	ESD 105	\$125,186	\$125,186		Fund for 1 YR	1	Agree-fund	91-93	128
96	9406900	A Spawning Habitat Model To Aid Recovery Plans For Snake River Fall Chinook	PNNL	\$149,907	\$333,127		Fund	1	Agree-fund	74-76	80
97	9500700	Hood River Production Program - Pge: O&M	Portland General Electric	\$50,010	\$50,010	Completed before 3 Step	Fund	1	Agree-fund	77	90
98	9500900	Rainbow Trout Net Pen Rearing Project	LRDA	\$100,000	\$100,000	Completed before 3 Step	Fund	1	Agree-fund	101-104	160
99	9502500	Flathead River Instream Flow Project (Mfwp Umbrella Subproposal)	MFWP	\$100,000	\$100,000		Fund	1	Agree-fund	101-104	181
100	9503300	O&M Of Yakima Phase II Fish Facilities	USBOR	\$99,520	\$99,520		Fund	1	Agree-fund	91-93	128
101	9505700	Southern Idaho Wildlife Mitigation	IDFG, SBT	\$1,153,964	\$4,334,510		Fund for 1 YR	1	Agree-fund	125-127	265
102	9506001	Protect & Enhance Wildlife Habitats In The Squaw Creek Watershed.	CTUIR	\$200,589	\$200,589		Fund for 1 YR	1	Agree-fund	84-87	108
103	9601100	Walla Walla River Juvenile And Adult Passage Improvements	CTUIR	\$2,840,000	\$2,840,000		Fund for 1 YR	1	Agree-fund	84-87	117
104	9603501	Satus Watershed Restoration	YIN	\$472,252	\$502,396		Fund for 1 YR	1	Agree-fund	91-93	136
105	9604200	Restore And Enhance Anadromous Fish Populations & Habitat In Salmon Creek	CCT	\$577,983	\$2,427,983		Fund	1	Agree-fund	97-98	154
106	9604601	Walla Walla Basin Fish Habitat Enhancement	CTUIR	\$240,000	\$275,000		Fund	1	Agree-fund	84-87	117
107	9606700	Manchester Spring Chinook Broodstock Project	NMFS	\$450,000	\$500,000	Council Policy Issue - Captive Propagation	Fund	1	Agree-fund	108	218
108	9607000	Mckenzie River Focus Watershed Coordination	McKenzie Watershed Council	\$105,000	\$105,000		Fund	1	Agree-fund	70-71	75
109	9608000	Northeast Oregon Wildlife Mitigation Project	NPT	\$235,325	\$235,325		Fund for 1 YR	1	Agree-Fund	120	258
110	9608300	Ctuur Grande Ronde Basin Watershed Restoration	CTUIR	\$125,000	\$250,000		Fund for 1 YR	1	Agree-fund	120	256
111	9608701	Focus Watershed Coordination-Flathead River Watershed	CSKT	\$103,000	\$103,000		Fund for 1 YR	1	Agree-fund	101-104	183
112	9608720	Focus Watershed Coordination-Kootenai River Watershed	MFWP and CSKT	\$99,919	\$99,919		Fund for 1 YR	1	Agree-fund	101-104	194
113	9609400	WDFW Habitat Unit Acquisition	WDFW	\$1,912,335	\$1,912,335		Fund for 1 YR	1	Agree	24	57

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114	9700400	Resident Fish Stock Status Above Chief Joseph And Grand Coulee Dams	KNRD	\$421,000	\$421,000		Fund	1	Agree-fund	101-104	165
115	9701000	P.I.T. Tag System Transition	COE; PSMFC; NMFS-CZES	\$853,313	\$853,313		Fund	1	Agree-fund	52-56	16
116	9701100	Enhance and protect habitat and riparian areas on the DVIR	SPT - DVIR	\$294,722	\$294,722		Fund for 1 YR	1	Agree-fund	125-127	274
117	9701400	Evaluation of Juvenile Fall Chinook Stranding on The Hanford Reach	WDFW	\$217,000	\$217,000		Fund	1	Agree-fund	74-76	79
118	9701900	Evaluate The Life History Of Native Salmonids In The Malheur Basin	BPT	\$201,184	\$201,184		Fund	1	Agree-fund	125-127	269
119	9701901	North Fork Malheur River Bull Trout And Redband Life History Study	BPT	\$113,826	\$113,826		Fund	1	Agree-fund	125-127	269
120	9702500	Implement The Wallowa County/Nez Perce Tribe Salmon Habitat Recovery Plan	NPT	\$20,000	\$50,000		Fund for 1 YR	1	Agree-fund	120	257
121	9703000	Monitor Listed Stock Adult Chinook Salmon Escapement	NPT	\$156,122	\$163,122		Fund	1	Agree-fund	116	239
122	9703400	Monitor Fine Sediment And Sedimentation In John Day And Grande Ronde Rivers	CRITFC	\$32,145	\$32,145		Fund	1	Agree-fund	80-81	102
123	9705300	Toppenish-Simcoe Instream Flow Restoration And Assessment	YIN	\$163,544	\$231,978		Fund	1	Agree-fund	91-93	139
124	9705600	Lower Klickitat River Riparian & In-Channel Habitat Enhancement Project	YIN	\$269,666	\$300,000		Fund for 1 YR	1	Agree-fund	91-93	124
125	9705900	Securing Wildlife Mitigation Sites - Oregon	ODFW, CTWS, CTUIR, BPT...	\$3,900,000	\$5,000,000		Fund	1	Agree	24	57
126	9800200	Snake River Native Salmonid Assessment	IDFG	\$225,208	\$225,208		Fund	1	Agree-fund	125-127	266
127	9800401	Electronic Fish And Wildlife Newsletter	Intermountain Comm.	\$150,450	\$150,450		Fund	1	Agree-fund	62-63	64
128	9800702	Grande Ronde Supplementation - O&M/M&E - Nez Perce Tribe Lostine	NPT	\$384,800	\$430,929	3 Step Complete	Fund	1	Agree-fund	120	249
129	9801001	Grande Ronde Basin Spring Chinook Captive Broodstock Program	ODFW	\$616,097	\$646,097	Council Policy Issue - Captive Propagation; 3 Step Complete	Fund	1	Agree-fund	120	251
130	9801004	M&E Of Yearling Snake R. Fall Chinook Released Upstream Of Lower Granite	NPT	\$272,798	\$272,798		Fund for 1 YR	1	Agree-fund	107	200
131	9801005	Pittsburg Landing, Capt. John Rapids, Big Canyon Acclimation Facilities	NPT	\$654,400	\$686,000	Completed before 3 Step	Fund for 1 YR	1	Agree-fund	107	200
132	9801006	Captive Broodstock Artificial Propagation	NPT	\$131,031	\$146,031	Council Policy Issue - Captive Propagation; 3 Step Completed	Fund for 1 YR	1	Agree-fund	120	252
133	9802100	Hood River Fish Habitat Project	CTWSRO	\$227,934	\$227,934		Fund	1	Agree-fund	77	90
134	9803100	Implement Wy-Kan-Ush-Mi Wa-Kish-Wit Watershed Assessment & Restoration Plan	CRITFC	\$267,471	\$355,325		Fund	1	Agree-fund	62-63	59
135	9900600	Restoration Of Riparian Habitat In Bakeoven / Deep Creeks	WCSWCD	\$80,000	\$80,000		Fund for 1 YR	1	Agree-fund	77	96

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ProjectID	Title	Sponsor	FY00 CBFWA Rec.	FY00 Sponsor Request	Notes: 3-Step, etc.	ISRP Rec.	CBFWA Tier	ISRP comparison to CBFWA	Vol. I Pages	Vol. II Page	
136	9901000	Mitigate Effects Of Runoff & Erosion On Salmonid Habitat In Pine Hollow	Sherman SWCD	\$33,937	\$33,937		Fund	1	Agree-fund	80-81	103
137	9901300	Ahtanum Creek Watershed Assessment	YIN	\$240,191	\$240,191		Fund for 1 YR	1	Agree-fund	74-76	81
138	9901800	Characterize and quantify residual steelhead in the Clearwater River, Idaho	USFWS-IFRO	\$84,365	\$84,365		Fund	1	Agree-fund	108	217
139	9902000	Analyze the Persistence and Spatial Dynamics of Snake River Chinook Salmon	RMRS	\$50,000	\$103,850		Fund	1	Agree-fund	116	240
140	9902200	Assessing Genetic Variation Among Columbia Basin White Sturgeon Populations	U of I	\$146,938	\$146,938		Fund	1	Agree-fund	64	54
141	9902500	Lower Columbia River Wetlands Restoration And Evaluation Program	USFS-CRGNESA	\$125,000	\$125,000		Fund for 1 YR	1	Agree-fund	70-71	77
142	9902600	Sandy River Delta Riparian Reforestation	USFS-CRGNESA	\$24,000	\$24,000		Fund	1	Agree-fund	70-71	77
Projects that raise policy issues with past Council decisions											
2(a) Law Enforcement											
1	9202400	Protect Anadromous Salmonids In The Mainstem Corridor	CRITFE		\$388,427	Council Policy Issue - Law Enforcement	Fund for 1 YR		NA	62-63	60
2	9202409	Enhance Conser. Enforcement For Fish & Wildlife, Watersheds Of The Nez Perce	NPT		\$425,236	Council Policy Issue - Law Enforcement; Tier 1 but no CBFWA funding recommendation.	Fund for 1 YR	1	Agree-fund	107	202
2(b) Gas Supersaturation Monitoring and Evaluation											
1	9602100	Gas bubble disease research and monitoring of juvenile salmonids	USGS-BRD, CRRL	\$43,711	\$43,711	Council Policy Issue - Gas	Fund for 1 YR	1	Agree-fund	52-56	13
2	20143	Monitor Symptoms Of Gas Bubble Trauma In Adult Salmonids	CRITFC	\$112,755	\$112,755	Council Policy Issue - Gas; Formerly 9300802	Fund for 1 YR	1	Agree-fund	52-56	14
3	20157	Gas Bubble Trauma Monitoring in the Clearwater River	IDFG	\$59,000	\$45,117	Council Policy Issue - Gas; original proposal in process of ISRP review	Review Pending	1	NA		
2(c) Predator Control											
1	9007700	Northern Pikeminnow Management Program	PSMFC	\$2,506,000	\$3,306,000	Council Policy Issue - Predator Control	Fund	1	Agree-fund	61	30
2	9702400	Avian Predation on Juvenile Salmonids in the Lower Columbia River	OSU/CRITFC	\$642,600	\$642,600	Council Policy Issue - Predator Control; "fund in part" in second ISRP review.	Fund in Part	1	Partially agree-fund in part	61	31

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	ProjectID	Title	Sponsor	FY00 CFWA Rec.	FY00 Sponsor Request	Notes: 3-Step, etc.	ISRP Rec.	CBFWA Tier	ISRP comparison to CFWA	Vol. I Pages	Vol. II Page
2(e) Pacific Lamprey Projects											
1	20019	Evaluate Status Of Pacific Lamprey In Clearwater River Drainage, Idaho	IDFG	\$73,000	\$119,039	Council Policy Issue - Lamprey: Review in context of project 9402600	Fund	1	Agree-fund	112	226
2	20065	Identification of larval Pacific lampreys (Lampetra tridentata), river lamp	USGS-BRD, CRRL	\$78,700	\$78,700	Council Policy Issue - Lamprey: Review in context of project 9402601	Fund	1	Agree-fund	64	55
3	20121	Evaluate Habitat Use And Population Dynamics Of Lampreys In Cedar Creek	USFWS	\$134,790	\$138,790	Council Policy Issue - Lamprey: Review in context of project 9402602	Fund	1	Agree-fund	70-71	71
2(g) Lake Pend Oreille Kokanee Study											
1	9404700	Lake Pend Oreille Fishery Recovery Project	IDFG	\$379,000	\$379,000	Council Policy Issue - Lake Pend Oreille	Fund	1	Agree-fund	101-104	173
2(h) Wildlife Mitigation											
1	20112	Securing Wildlife Mitigation Sites - Oregon, Wenaha Wma Additions	ODFW	\$42,302	\$142,302	Council Policy Issue - wildlife mitigation	Fund for 1 YR	1	Agree-fund	120	259
2	20114	Securing Wildlife Mitigation Sites - Oregon, Ladd Marsh WMA Additions	ODFW	\$144,637	\$360,637	Council Policy Issue - wildlife mitigation	Fund for 1 YR	1	Agree-fund	120	259
3	20115	Securing Wildlife Mitigation Sites - Oregon, Irrigon Wma Additions	ODFW	\$25,394	\$25,394	Council Policy Issue - wildlife mitigation	Fund for 1 YR	1	Agree-fund	74-76	82
4	20116	Securing Wildlife Mitigation Sites - Oregon, Horn Butte	ODFW	\$42,302	\$442,302	Council Policy Issue - wildlife mitigation	Fund for 1 YR	1	Agree-fund	74-76	82
Total Recommended by both CFWA and the ISRP				\$68,426,730	\$88,630,394						
Projects Recommended by CFWA but not rated by the ISRP											
1	8906200	Fish And Wildlife Program Implementation	CBFWA	\$2,042,041	\$2,180,531		na	1	na	62-63	58
2	8907201	Independent Scientific Advisory Board Support	DOE/ORNL	\$49,959	\$99,918		na	1	na	62-63	64
3	9600500	Independent Scientific Advisory Board	CBFWF	\$341,790	\$683,580		na	1	na	62-63	64
Total - CFWA Tier 1, ISRP NA				\$2,433,790	\$2,964,029						
Rolling Total				\$70,860,520	\$91,594,423						

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3. Projects Recommended by CFWA and rated by the ISRP as "Fund in Part"										
3.A. New Proposal										
1	20023	Hanford Reach Steelhead Stock Investigation	WDFW	\$91,546	\$98,820		Fund in Part	1	Partially agree-fund in part	74-76 79
3.B. Existing Projects. Referred to ISRP for review of sponsor responses.										
1	8346700	Mitigation For The Construction And Operation Of Libby Dam	MFWP	\$500,000	\$500,000		Fund in Part	1	Partially agree-fund in part	101-104 187
2	8710001	Enhance Umatilla River Basin Anadromous Fish Habitat	CTUIR	\$260,000	\$305,000		Fund in Part	1	Partially agree-fund in part	84-87 116
3	8806400	Kootenai River White Sturgeon Studies And Conservation Aquaculture	KTOI	\$1,150,202	\$2,750,202	Completed before 3 Step (expansion request Step 1)	Fund in Part	1	Partially agree-fund in part	101-104 195
4	8806500	Kootenai River Fisheries Recovery Investigations	IDFG	\$616,596	\$616,596		Fund in Part	1	Partially agree-fund in part	101-104 196
5	9000500	Umatilla Hatchery Monitoring And Evaluation	ODFW	\$650,000	\$721,588		Fund in Part	1	Partially agree-fund in part	84-87 111
6	9000501	Umatilla River Basin Natural Production Monitoring And Evaluation	CTUIR	\$480,000	\$609,191		Fund in Part	1	Partially agree-fund in part	84-87 115
7	9004400	Implement Fisheries Enhancement Opportunities: Coeur D'alene Reservation	CDA Tribe	\$685,254	\$685,254		Fund in Part	1	Partially agree-fund in part	101-104 171
8	9005500	Steelhead Supplementation Studies in Idaho Rivers	IDFG	\$407,744	\$560,744		Fund in Part	1	Partially agree-fund in part	108 215
9	9101901	Flathead Lake Monitoring And Habitat Enhancement	CSKT	\$95,000	\$95,000		Fund in Part	1	Partially agree-fund in part	101-104 177
10	9101904	Hungry Horse Mitigation - Nonnative Fish Removal / Hatchery Production	USFWS	\$428,950	\$428,950	Completed before 3-Step	Fund in Part	1	Partially agree-fund in part	101-104 179
11	9102900	Life History And Survival Of Fall Chinook Salmon In Columbia River Basin	USGS	\$743,558	\$799,525		Fund in Part	1	Partially agree-fund in part	62 33
12	9402600	Pacific Lamprey Research And Restoration	CTUIR	\$381,190	\$381,190		Fund in Part	1	Partially agree-fund in part	64 56
13	9404900	Improve The Kootenai River Ecosystem	KTOI	\$270,000	\$300,000		Fund in Part	1	Partially agree-fund in part	101-104 193
14	9500100	Kalispel Tribe Resident Fish	KNRD	\$297,000	\$297,000	Completed before 3 Step	Fund in Part	1	Partially agree-fund in part	101-104 172
15	9500600	Shoshone-Bannock/Shoshone Paiute Joint Culture Facility	SBT	\$282,621	\$282,621	Step 2, received peer review under 3-Step	Fund in Part	1	Partially agree-fund in part	125-127 264
16	9604000	Evaluate The Feasibility And Risks Of Coho Reintroduction In Mid-Columbia	YIN	\$100,000	\$1,418,000	Step 2	Fund in Part	1	Partially agree-fund in part	97-98 153
17	9700100	Captive Rearing Initiative for Salmon River Chinook Salmon	IDFG	\$546,385	\$546,385	Council Policy Issue - Captive Propagation; Completed before 3 Step	Fund in Part	1	Partially agree-fund in part	116 236
18	9700900	Evaluate Rebuilding The White Sturgeon Population In The Lower Snake Basin	NPT	\$409,494	\$419,494		Fund in Part	1	Partially agree-fund in part	107 202

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19	9703800	Preserve Listed Salmonid Stocks Gametes	NPT	\$185,122	\$185,122	Council Policy Issue - Captive Propagation	Fund in Part	1	Partially agree-fund in part	108	218
20	9801003	Spawning distribution of Snake River fall chinook salmon	USFWS	\$177,666	\$182,666		Fund in Part	1	Partially agree-fund in part	107	199
21	9801400	Ocean Survival Of Juvenile Salmonids In The Columbia River Plume	NMFS/NWFSC	\$0	\$826,000	Tier 1, but no funding recommended by CBFWA; ESA funding agreement	Fund in Part	1	Partially agree-fund in part	51	7
22	9801900	Wind River Watershed Restoration	UCD, USFS, USGS, WDFW	\$553,717	\$1,146,412		Fund in Part	1	Partially agree-fund in part	74-76	86
23	9802400	Monitor Watershed Conditions On The Warm Springs Reservation	CTWSRO	\$35,402	\$160,917		Fund in Part	1	Partially agree-fund in part	77	95
24	9803400	Reestablish Safe Access Into Tributaries Of The Yakima Subbasin.	YIN	\$771,918	\$771,918		Fund in Part	1	Partially agree-fund in part	91-93	141
25	9900300	Evaluate Spawning Of Salmon Below The Four Lowermost Columbia River Dams	WDFW, ODFW, USFWS, PNNL	\$355,838	\$385,788		Fund in Part	1	Partially agree-fund in part	74-76	78
Total - Fund in Part				\$10,475,203	\$15,474,383						
Rolling Total				\$81,335,723	\$107,068,806						
4. Projects Recommended by CBFWA and Rated by the ISRP as "Delay Funding"											
4.A. Refer to BPA for Compliance											
1	20074	Eagle Lakes Ranch Acquisition And Restoration	USFWS	\$287,134	\$853,500		Delay Funding	1	Disagree-until corrected	74-76	82
2	20082	Rainwater Wildlife Area Operations & Maintenance	CTUIR	\$274,966	\$274,966		Delay Funding	1	Disagree-until corrected	74-76	83
3	20137	Acquisition Of Malheur Wildlife Mitigation Site.	BPT		\$2,030,079	OR Wildlife, see 9705900	Delay funding	1	Disagree-until corrected	125-127	268
4	9306600	Oregon Fish Screening Project - Fy'00 Proposal	ODFW	\$641,621	\$641,621		Delay Funding	1	Disagree-until corrected	80-81	98
5	9802200	Pine Creek Ranch Acquisition	CTWSRO	\$94,600	\$98,336		Delay Funding	1	Disagree-until corrected	80-81	108
6	9803300	Restore Upper Toppenish Creek Watershed	YIN	\$194,583	\$207,003		Delay Funding	1	Disagree-until corrected	91-93	140
Total - Refer to BPA				\$1,492,904	\$4,105,505						
4.B. Referred to ISRP for review of sponsor responses.											
4.B.1. New Proposals											
1	20131	Enhance North Fork John Day River Subbasin Anadromous Fish Habitat	CTUIR	\$205,544	\$205,544		Delay Funding	1	Disagree-until corrected	80-81	105
4.B.2. Existing Projects											
1	8740100	Assessment Of Smolt Condition: Biological And Environmental Interactions	USGS-BRD, CRRL	\$199,046	\$199,046		Delay Funding	1	Disagree-until corrected	52-56	12
2	8740700	Dworshak Impacts/M&E And Biological/Integrated Rule Curves	NPT	\$199,485	\$199,485		Delay Funding	1	Disagree-until corrected	112	234

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ProjectID	Title	Sponsor	FY00 CBFWA Rec.	FY00 Sponsor Request	Notes: 3-Step, etc.	ISRP Rec.	CBFWA Tier	ISRP comparison to CBFWA	Vol. I Pages	Vol. II Page	
3	9106100	Swanson Lakes Wildlife Area	WDFW	\$247,500	\$247,500		Delay Funding	1	Disagree-until corrected	101-104	167
4	9107100	Snake River Sockeye Salmon Habitat And Limnological Research	SBT	\$427,000	\$438,461		Delay Funding	1	Disagree-until corrected	116	242
5	9107300	Idaho Natural Production Monitoring And Evaluation	IDFG	\$767,512	\$767,512		Delay Funding	1	Disagree-until corrected	108	216
6	9502800	Restore Moses Lake Recreational Fishery	WDFW	\$234,890	\$234,890		Delay Funding	1	Disagree-until corrected	97-98	151
7	9600700	Irrigation Diversion Consolidations & Water Conservation; Upper Salmon R	LS&WCD	\$293,113	\$753,816		Delay Funding	1	Disagree-until corrected	116	247
8	9604300	Johnson Creek Artificial Propagation Enhancement Project	NPT	\$2,800,000	\$2,800,000	Step 2 (Partial)	Delay Funding	1	Disagree-until corrected	116	238
9	9605300	Upper Clear Creek Dredge Tailings Restoration	USFS/CTUIR	\$85,000	\$85,000		Delay Funding	1	Disagree-until corrected	80-81	101
10	9702600	Ecology Of Marine Predatory Fishes: Influence On Salmonid Ocean Survival	NMFS/NWFSC	\$0	\$200,000	Tier 1, but no funding recommended by CBFWA; ESA funding agreement	Delay Funding	1	Disagree-until corrected	51	5
11	9705100	Yakima Basin Side Channels	YIN	\$601,673	\$801,673		Delay Funding	1	Disagree-until corrected	91-93	137
12	9800300	O&M Funding Of Wildlife Habitat On Stoi Reservation For Grand Coulee Dam	STOI	\$97,187	\$97,187		Delay Funding	1	Disagree-until corrected	101-104	167
13	9800703	Facility O&M And Program M&E For Grande Ronde Spring Chinook Salmon	CTUIR	\$489,000	\$597,516		Delay Funding	1	Disagree-until corrected	120	250
14	9801600	Monitor Natural Escapement & Productivity Of John Day Basin Spring Chinook	ODFW	\$159,800	\$179,800	Review in context of PATH	Delay Funding	1	Disagree-until corrected	80-81	99
15	9801700	Eliminate Gravel Push-Up Dams On Lower North Fork John Day	NFJDWC	\$90,250	\$90,250		Delay Funding	1	Disagree-until corrected	80-81	106
16	9801800	John Day Watershed Restoration	CTWSRO	\$424,575	\$459,918		Delay Funding	1	Disagree-until corrected	80-81	106
17	9901200	Coordinate/Facilitate Watershed Project Planning/Implementation	Ki-Yak	\$70,496	\$70,496		Delay Funding	1	Disagree-until corrected	91-93	134
Total Refer to ISRP				\$7,392,071	\$8,428,094						

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ProjectID	Title	Sponsor	FY00 CBFWA Rec.	FY00 Sponsor Request	Notes: 3-Step, etc.	ISRP Rec.	CBFWA Tier	ISRP comparison to CBFWA	Vol. I Pages	Vol. II Page	
4.C. Programmatic Review Needed. Referred to ISRP for review of sponsor responses.											
4.C.1. Yakima Subbasin Projects											
1	8811525	Yakima/Klickitat Fisheries Project Design And Construction	YIN	\$1,565,000	\$1,565,000	3 Step Complete	Delay Funding	1	Disagree-until corrected	91-93	119
2	8812025	Ykfp Management, Data And Habitat	YIN	\$750,000	\$750,000		Delay Funding	1	Disagree-until corrected	91-93	120
3	9506325	Yakima/Klickitat Fisheries Project Monitoring And Evaluation	YIN	\$4,309,934	\$4,639,934	Step 2 (Coho , Fall Chinook)	Delay Funding	1	Disagree-until corrected	91-93	121
4	9506425	Ykfp - Wdfw Policy And Technical Involvement In The Ykfp	WDFW	\$275,000	\$275,000		Delay Funding	1	Disagree-until corrected	91-93	122
5	9701325	Yakima/Klickitat Fisheries Project Operations And Maintenance	YIN	\$2,260,160	\$2,260,160		Delay Funding	1	Disagree-until corrected	91-93	123
Total - Yakima for Programmatic Review				\$9,160,094	\$9,490,094						
4.C.2. Umatilla Subbasin Projects											
1	8903500	Umatilla Hatchery Operation and Maintenance	ODFW	\$850,000	\$895,346	Completed before 3 Step	Delay Funding	1	Disagree-until corrected	84-87	110
2	8343500	Operate And Maintain Umatilla Hatchery Satellite Facilities	CTUIR	\$775,000	\$822,161		Delay Funding	1	Disagree-until corrected	84-87	111
3	8802200	Umatilla River Fish Passage Operations	CTUIR	\$360,000	\$379,000		Delay Funding	1	Disagree-until corrected	84-87	113
4	8343600	Umatilla Passage Facilities O & M	Westland Irrigation District	\$502,000	\$703,106		Delay Funding	1	Disagree-until corrected	84-87	113
5	8902700	Power Repay Umatilla Basin Project	BPA	\$550,000	\$650,000		Delay Funding	1	Disagree-until corrected	84-87	114
Total - Umatilla for Programmatic Review				\$3,037,000	\$3,449,613						
3.C.3. Walla Walla Subbasin Projects											
1	20139	Walla Walla River Fish Passage Operations	CTUIR	\$73,000	\$83,400		Delay Funding	1	Disagree-until corrected	84-87	114
2	9901100	Assess Fish Habitat & Salmonids in the Walla Walla Watershed in Washington	WDFW	\$169,723	\$184,723		Delay Funding	1	Disagree-until corrected	84-87	118
3	20127	Walla Walla River Basin Monitoring and Evaluation Project	CTUIR	\$134,000	\$156,931		Delay Funding	1	Disagree-until corrected	84-87	118
Total - Walla Walla for Programmatic Review				\$376,723	\$425,054						
3.C.4. Clearwater Subbasin Projects											
1	20084	Protect And Restore The North Lochsa Face Analysis Area Watersheds	NPT	\$154,782	\$204,782		Delay Funding	1	Disagree-until corrected	112	229
2	20086	Rehabilitate Newsome Creek - S.F. Clearwater River	NPT	\$301,689	\$364,725		Delay Funding	1	Disagree-until corrected	112	229
3	20087	Protect And Restore Mill Creek Watershed	NPT	\$63,036	\$63,036		Delay Funding	1	Disagree-until corrected	112	230
4	9607708	Protect And Restore The Lolo Creek Watershed	NPT	\$203,750	\$203,750		Delay Funding	1	Disagree-until corrected	112	231

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	ProjectID	Title	Sponsor	FY00 CBFWA Rec.	FY00 Sponsor Request	Notes: 3-Step, etc.	ISRP Rec.	CBFWA Tier	ISRP comparison to CBFWA	Vol. I Pages	Vol. II Page
5	9607709	Protect And Restore The Squaw To Papoose Creeks Watersheds	NPT	\$303,607	\$353,607		Delay Funding	1	Disagree-until corrected	112	231
6	9607711	Restore Mccomas Meadow/ Meadow Creek Watershed	NPT	\$166,622	\$166,622		Delay Funding	1	Disagree-until corrected	112	232
7	9608600	Clearwater Subbasin Focus Watershed Program - Iscc	ISCC	\$89,450	\$89,450		Delay Funding	1	Disagree-until corrected	112	222
8	9706000	Clearwater Subbasin Focus Watershed Program - Npt	NPT	\$98,737	\$98,737		Delay Funding	1	Disagree-until corrected	112	223
9	9901400	Restore Anadromous Fish Habitat In The Little Canyon Creek Subwatershed	ISCC	\$196,855	\$217,855		Delay Funding	1	Disagree-until corrected	112	223
10	9901500	Restore Anadromous Fish Habitat In The Nichols Canyon Subwatershed	ISCC	\$186,237	\$211,237		Delay Funding	1	Disagree-until corrected	112	224
11	9901600	Protect & Restore Big Canyon Creek Watershed	NPT	\$61,276	\$61,276		Delay Funding	1	Disagree-until corrected	112	232
12	9901700	Protect & Restore Lapwai Creek	NPT	\$61,276	\$61,276		Delay Funding	1	Disagree-until corrected	112	233
Total - Clearwater for Programmatic Review				\$1,887,317	\$2,096,353						
Rolling Total				\$104,681,832	\$135,063,519						

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ProjectID	Title	Sponsor	FY00 CFWA Rec.	FY00 Sponsor Request	Notes: 3-Step, etc.	ISRP Rec.	CBFWA Tier	ISRP comparison to CFWA	Vol. I Pages	Vol. II Page	
5. Projects Recommended by CFWA and rated by the ISRP as "Do Not Fund"											
5.A. New Proposals											
1	20017	Restore Habitat Within Dredge Tailings On The Yankee Fork Salmon River	SBT, IDFG, USFS	\$65,000	\$207,260		DNF	1	Disagree-DNF	116	246
2	20022	NE Oregon Hatchery Planning & Coordination - WDFW	WDFW	\$10,000	\$12,942		DNF	1	Disagree-DNF	84-87	112
3	20025	Deschutes River Stray Summer Steelhead Assessment	ODFW	\$65,337	\$65,337		DNF	1	Disagree-DNF	77	93
4	20049	Evaluate Sediment Transport In Spawning Habitat, Kootenai R., Idaho	USGS	\$96,550	\$96,550		DNF	1	Disagree-DNF	101-104	192
5	20079	Assessing Adult Steelhead Escapement & Genetics In The South Fork Salmon	NPT	\$175,000	\$278,481		DNF	1	Disagree-DNF	108	216
6	20080	Evaluate a Modified Feeding Strategy to Reduce Residualism and Promote Smol	IFRO-USFWS	\$146,800	\$168,050		DNF	1	Disagree-DNF	108	213
7	20138	Design And Construct Neoh Walla Walla Hatchery	CTUIR	\$250,000	\$1,380,000	Step 1	DNF	1	Disagree-DNF	84-87	112
Total New: CFWA Tier 1, ISRP DNF				\$808,687	\$2,208,620						
Note: Not added to rolling total, but included in CFWA's total recommended budget of \$133,826,554.											
5.B. Existing Projects. Referred to ISRP for review of sponsor responses.											
5.B.1. PATH and PATH related projects											
1	9600600	Facilitation, Technical Assistance And Peer Review Of Path	ESSA	\$450,000	\$450,000		DNF	1	Disagree-DNF	56-61	21
2	9600800	Stufa Participation In A Plan For Analyzing And Testing Hypotheses (Path)	ODFW	\$745,131	\$745,131		DNF	1	Disagree-DNF	56-61	22
3	9600801	Technical Support For Path	NMFS	\$75,000	\$75,000		DNF	1	Disagree-DNF	56-61	22
4	9601700	Provide Technical Support For Path	BioAnalysts, Inc.	\$27,221	\$109,000		DNF	1	Disagree-DNF	56-61	23
5	9800100	Analytical Support-Path And Esa Biological Assessments	Hinrichsen Environmental Services	\$119,900	\$125,000		DNF	1	Disagree-DNF	56-61	23
6	9303701	Stochastic Life Cycle Model Technical Assistance	PER Ltd.	\$70,000	\$180,000		DNF	1	Disagree-DNF	56-61	23
7	9700200	Path - Uw Technical Support	UW	\$182,389	\$301,081		DNF	1	Disagree-DNF	56-61	24
Total - PATH				\$1,669,641	\$1,985,212						
5.B.2. Existing Projects in 3-Step or Artificial Production related											
1	8335000	Nez Perce Tribal Hatchery	NPT	\$14,590,000	\$20,188,949	Step 3, received peer review under 3-Step	DNF	1	Disagree-DNF	112	220
2	8335003	Nez Perce Tribal Hatchery Monitoring And Evaluation	NPT	\$992,847	\$992,847	see 8335000	DNF	1	Disagree-DNF	112	220
3	9501500	Lake Billy Shaw Operations and Maintenance and Evaluation (O&M, M&E)	SPT - DVIR	\$221,550	\$221,550	Step 3 Complete, received peer review under 3-Step	DNF	1	Disagree-DNF	125-127	274
4	9705700	Salmon River Production Program	SBT	\$931,376	\$931,376	Council Policy Issue - Captive Propagation; Step 1	DNF	1	Disagree-DNF	116	237

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ProjectID	Title	Sponsor	FY00 CBFWA Rec.	FY00 Sponsor Request	Notes: 3-Step, etc.	ISRP Rec.	CBFWA Tier	ISRP comparison to CBFWA	Vol. I Pages	Vol. II Page	
5	9501300	Nez Perce Tribe Resident Fish Substitution Program	NPT	\$750,000	\$850,000	Step 1, 2 and 3 - Intent?	DNF	1	Disagree-DNF	112	222
6	8805301	Northeast Oregon Hatchery Master Plan	NPT	\$1,217,017	\$1,217,017	Step 1	DNF	1	Disagree-DNF	120	252
7	8805302	Plan, Site, Design And Construct Neoh Hatchery - Umatilla/Walla Walla Compo	CTUIR	\$2,800,000	\$6,400,000	Step 1	DNF	1	Disagree-DNF	84-87	112
8	8805305	Northeast Oregon Hatcheries Planning And Implementation - Odfw	ODFW	\$226,000	\$660,422		DNF	1	Disagree-DNF	120	254
9	8503800	Colville Tribal Fish Hatchery	CCT	\$360,973	\$360,973	Completed before 3 Step	DNF	1	Disagree-DNF	101-104	162
10	9501100	Chief Joseph Kokanee Enhancement Project	CCT	\$396,753	\$596,753		DNF	1	Disagree-DNF	101-104	164
11	20135	Consumptive Sturgeon Fishery-Hells Canyon And Oxbow Reservoirs	NPT	\$250,000	\$250,000	Step 1 - Intent?; Same as Existing Project 9903200.	DNF	1	Disagree-DNF	125-127	262
5.B.3. Other Existing Projects											
12	8331900	New Fish tagging System	NMFS	\$1,388,800	\$1,388,800		DNF	1	Disagree-DNF	52-56	17
13	9001800	Evaluate Rainbow Trout/Habitat Improvements Of Tribs. To Lake Roosevelt	CCT	\$189,636	\$189,636		DNF	1	Disagree-DNF	101-104	163
14	9007800	Evaluate Predator Removal: Large-Scale Patterns	USGS	\$117,880	\$117,880		DNF	1	Disagree-DNF	61	31
15	9106700	Idaho Water Rental: Resident Fish And Wildlife Impacts - Phase III	IDFG	\$119,465	\$119,465		DNF	1	Disagree-DNF	125-127	265
16	9204800	Hellsgate Big Game Winter Range Operation And Maintenance Project	CCT	\$350,000	\$383,225		DNF	1	Disagree-DNF	101-104	168
17	9303501	Enhance Fish, Riparian, And Wildlife Habitat Within The Red River Watershed	ISWCD	\$450,000	\$550,000		DNF	1	Disagree-DNF	112	227
18	9401001	Mitigation For Excessive Drawdowns At Libby Reservoir	MFWP and CSKT	\$377,971	\$377,971		DNF	1	Disagree-DNF	101-104	188
19	9501600	Genetic Inventory Of Westslope Cutthroat Trout In The N F Clearwater Basin	NPT	\$180,000	\$200,000		DNF	1	Disagree-DNF	112	235
20	9506700	Colville Tribes Performance Contract For Continuing Acquisition	CCT	\$400,000	\$1,500,000		DNF	1	Disagree-DNF	101-104	169
21	9800800	Regional Forum Facilitation Services		\$75,000	\$183,500		DNF	1	na	62-63	59
22	9802800	Trout Creek Watershed Improvement Project Multi Year Funding Proposal	JCSWCD	\$231,126	\$483,795		DNF	1	Disagree-DNF	77	95
23	9901900	Restore the Salmon River, in the Challis, ID area, to a healthy condition	Custer Co	\$50,000	\$50,000		DNF	1	Disagree-DNF	116	246
Total Existing Projects: CBFWA Tier 1 - ISRP Do Not Fund				\$28,336,035	\$40,199,371						
Rolling Total				\$133,017,867	\$175,262,890						

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7. Proposals not recommended by CBFWA but recommended by the ISRP, includes "innovative".											
1	20006	Yakima Basin Benthic Index Of Biotic Integrity (B-Ibi)	Washington Trout		\$48,072		Fund	3	Disagree-fund	91-93	143
2	20007	Acquire And Conserve Priority Bull Trout Habitat In Trestle Creek Watershed			\$276,370	Tier 2, CBFWA does not recommend FY2000 funding (\$50,000).	Fund	2	Agree-fund (Tier 1?)	101-104	173
3	20012	Develop New Technology For Telemetry And Remote Sensing Of Fish Quality	OCFWRU		\$323,690		Fund	3	Disagree-fund, but not high priority	52-56	17
4	20013	Restore Unobstructed Fish Passage To Duncan Creek	SLOA		\$190,000	ISRP - innovative, strongly recommend	Fund	3	Disagree-fund; strongly recommend	70-71	66
5	20014	Evaluate Songbird Use Of Riparian Areas During Fall Migration	U of I		\$32,760	innovative	Fund	3	Disagree-fund	24	58
6	20028	Purchase Conservation Easement from Plum Creek Timber Company along Fisher	MFWP		\$500,000	Tier 2, CBFWA does not recommend FY2000 funding (\$250,000).	Fund	2	Agree-fund (Tier 1?)	101-104	186
7	20029	Electronic Columbia Basin Fish & Wildlife Research Report	Intermountain Communications		\$56,600		Fund	3	Disagree-fund, but not high priority	62-63	63
8	20033	Rehabilitate instream and riparian habitat on the Similkameen and Okanogan	USFWS		\$484,902		Fund	3	Disagree-fund, but not high priority	97-98	155
9	20034	Impact Of Flow Regulation On Riparian Cottonwood Ecosystems	BioQuest		\$148,034	ISRP - strongly recommend	Fund	3	Disagree-fund; strongly recommend	101-104	184
10	20040	Develop A Fish & Wildlife Management Plan For The Owyhee Basin, D.V.I.R.	SPT - DVIR		\$22,411		Fund for 1 YR	3	Disagree-fund	125-127	271
11	20041	Develop A Fish & Wildlife Conservation Law Enforcement Plan, D.V.I.R.	SPT - DVIR		\$40,872	innovative	Fund for 1 YR	3	Disagree-fund	125-127	271
12	20042	Integrating Okanogan And Methow Watershed Data For Salmonid Restoration	Okanogan Conservation District		\$269,285	ISRP - strongly recommend	Fund	3	Disagree-fund; strongly recommend	97-98	149
13	20045	Analyzing Genetic And Behavioral Changes During Salmonid Domestication	WSU		\$209,720	Council Policy Issue - Captive Propagation; ISRP - innovative, strongly recommend	Fund	3	Disagree-fund; strongly recommend	63	43
14	20052	Strategies To Limit Disease Effects On Estuarine Survival	OSU, NMFS		\$334,178	Tier 2	Fund in Part	2	Disagree-fund in part	51	5
15	20054	Evaluate Effects Of Hydraulic Turbulence On The Survival Of Migratory Fish	ORNL		\$341,000	ISRP - innovative, fund in part	Fund in Part	3	Disagree-fund in part	61	26

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16	20056	Elucidate Traffic Patterns Of Iln Virus In The Columbia River Basin	USGS-WFRC		\$75,207	ISRP - innovative, strongly recommend	Fund	3	Disagree-fund; strongly recommend	64	46
17	20057	Strategies For Riparian Recovery: Plant Succession & Salmon	OSU		\$429,463	ISRP - innovative, strongly recommend	Fund	3	Disagree-fund; strongly recommend	63	51
18	20062	Adaptive Management Of White Sturgeons	USGS-BRD, CRRL		\$184,674	ISRP - strongly recommend	Fund	3	Disagree-fund; strongly recommend	64	53
19	20063	Evaluate Effects Of Catch And Release Angling On White Sturgeon	USGS, IDFG		\$271,486		Fund in Part	3	Disagree-fund in part	107	205
20	20064	Upstream migration of Pacific lampreys in the John Day R: behavior, timing	USGS-BRD, CRRL		\$298,700	Tier 2	Fund	2	Disagree-fund	80-81	107
21	20067	Effects Of Supersaturated Water On Reproductive Success Of Adult Salmonids	USGS		\$839,893		Fund	3	Disagree-fund, but not high priority	52-56	13
22	20071	Restore Crab Lake And Adjacent Reaches Of Crab Creek.	Ducks Unlimited, Inc.		\$365,000		Fund for 1 YR	3	Disagree-fund, but not high priority	97-98	150
23	20076	Diet, Distribution & Life History of Neomysis Mercedis in John Day Pool	UMT		\$176,158		Fund	3	Disagree-fund	74-76	80
24	20083	Evaluate, restore and enhance 14 miles of instream and riparian habitat on	USFWS		\$102,706	ISRP - strongly recommend	Fund	3	Disagree-fund; strongly recommend	97-98	151
25	20092	Inventory Wildlife Species & Populations Of The Owyhee Basin, D.V.I.R	SPT - DVIR		\$185,985		Fund for 1 YR	3	Disagree-fund	125-127	272
26	20093	Evaluate The Feasibility For Anadromous Fish Reintroduction In The Owyhee	SPT - DVIR		\$56,851	innovative	Fund-for 1 YR	3	Disagree-fund	125-127	272
27	20094	Assess Resident Fish Stocks Of The Owyhee Basin, D.V.I.R.	SPT - DVIR	\$200,000	\$220,799	Tier 2, CBFWA does not recommend FY2000 funding (\$200,000).	Fund for 1 YR	2	Agree-fund (Tier 1?)	125-127	273
28	20102	Research/Evaluate Restoration Of Ne Ore Streams And Develop Mgmt Guidelines	OSU/UO		\$309,936	ISRP - strongly recommend; Tier 2	Fund	2	Disagree-fund; strongly recommend	107	204
29	20103	Indexing Salmon Carrying Capacity to Habitat, Population, & Physical Fitness	OSU		\$363,392	ISRP - innovative, strongly recommend	Fund	3	Disagree-fund; strongly recommend	63	50
30	20106	Heritability of Disease Resistance and Immune Function in Chinook Salmon	USFWS		\$398,596	ISRP - strongly recommend; Tier 2	Fund	2	Disagree-fund; strongly recommend	64	45
31	20107	Reconnect The Westport Slough To The Clatskanie River	LCRWC		\$29,850	ISRP - innovative, strongly recommend	Fund	3	Disagree-fund; strongly recommend	70-71	67

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32	20109 Cedar Creek Natural Production and Watershed Monitoring Project	WDFW		\$225,899	ISRP - strongly recommend	Fund	3	Disagree-fund; strongly recommend	70-71	70
33	20113 Securing Wildlife Mitigation Sites - Oregon, South Fork Crooked River	ODFW		\$13,877		Fund	3	Disagree-fund	77	96
34	20122 Test guidance flows and strobe lights at a SBC to increase smolt FCE & FGE	WDFW		\$295,300	ISRP - innovative, fund in part	Fund in Part	3	Disagree-fund in part	70-71	70
35	20156 Identification Of Redband And Rainbow Trout In The N F Clearwater Basin	NPT		\$110,925		Fund	3	Disagree-fund, but not high priority	112	235
36	9105100 Monitoring And Evaluation Statistical Support	UW		\$340,357	ISRP - strongly recommend	Fund for 1 YR	3	Disagree-fund; strongly recommend	52-56	15
37	9502700 Collect Data On White Sturgeon Above Grand Coulee Dam	STOI		\$342,086	Tier 2, CBFWA does not recommend FY2000 funding (\$75,000).	Fund for 1 YR	2	Agree-fund (Tier 1?)	101-104	165
38	9601900 Second Tier Database Support For Ecosystem Focus	BPA		\$180,000		Fund for 1 YR	3	Disagree-fund	62-63	61
39	9700300 Box Canyon Watershed Project	KNRD		\$70,256		Fund for 1 YR	3	Disagree-fund, but not high priority	101-104	174
40	9803500 Watershed Scale Response Of Stream Habitat To Abandoned Mine Waste	UW		\$53,820		Fund	3	Disagree-fund	97-98	153
Total					\$9,219,110					