



Salmon Recovery Grant Funding Report

December 2017

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Cover photograph by Katie Kruger

Part 1: Introduction

Introduction

Since 1999, the Salmon Recovery Funding Board (SRFB) has been distributing state and federal money to protect and restore salmon habitat. Honoring the “Washington Way” of ground-up salmon recovery decision-making, the SRFB works closely with local watershed groups known as lead entities¹ to identify projects for funding, and regional organizations to prioritize funding. Lead entities and regions rely on their approved recovery plans to prioritize projects for funding requests to the SRFB. This partnership has resulted in the SRFB distributing nearly \$867 million for more than 3,030 projects and activities statewide, all aimed at bringing salmon back from the brink of extinction.

This report presents information on the process used to review the 2017 applications and develop funding recommendations for the SRFB to consider at its December 7, 2017 meeting in Olympia.

Overview of Funding

Funding for salmon grants comes from two main sources:

- The Pacific Coastal Salmon Recovery Fund, an annual federal award to the Washington State Recreation and Conservation Office (RCO) administered by the National Oceanic and Atmospheric Administration.
- Washington State capital bond funds appropriated by the Legislature on a biennial schedule for salmon recovery projects.

The 2017 grant round was built on an anticipated \$18 million in funding. The federal government has issued RCO its Pacific Coastal Salmon Recovery Fund award. However, in an unprecedented move, the Washington State Legislature has not yet passed a capital budget for the 2017-19 biennium. This year, the SRFB will approve, rather than fund projects at the December meeting, and delegate authority to the RCO director to award grants once the Legislature passes a capital budget. In addition to the \$18 million, the SRFB set aside up to \$500,000 for unanticipated cost increases in 2017.

¹Lead entity groups, authorized under Revised Code of Washington Chapter 77.85, are established in a local area by agreement between the county, cities, and tribes. The groups choose a coordinating organization as the lead entity, which creates a citizen committee to prioritize projects. Lead entities also have a technical advisory group to evaluate the scientific and technical merits of projects. Consistent with state law and SRFB policies, all projects seeking funding must be reviewed and prioritized by a lead entity to be considered by the SRFB.

Funding is distributed using a regional allocation formula. In fall 2016, the SRFB created an Allocation Subcommittee to review how the board allocates funding by regional areas for projects and how it allocates funding for capacity to lead entities and regional organizations. The board requested that the Allocation Subcommittee complete the following:

- Review the current allocations to ensure that resource management is aligning with fish recovery.
- Make recommendations for changes (if any) to be effective in the 2017-19 biennium.

This formula was reviewed, evaluated, and updated during the 2017 grant round. Inputs into the formula include number of listed and non-listed salmon stocks, number of Evolutionarily Significant Units, number of Watershed Resource Inventory Areas, and salmon shoreline miles. In March 2017, the SRFB adopted the allocation formula below for awarding grants.

Table 1. SRFB Regional Funding Allocation Formula

Regional Salmon Recovery Organization	Regional Allocation Percent of Total	2017 Allocation Based on \$18 Million
Hood Canal Coordinating Council*	2.4%	\$1,129,961*
Lower Columbia Fish Recovery Board**	20%	\$3,600,000
Northeast Washington	1.9%	\$342,000
Puget Sound Partnership*	38%	\$6,142,039*
Snake River Salmon Recovery Board	8.44%	\$1,519,200
Upper Columbia Salmon Recovery Board	10.31%	\$1,855,800
Washington Coast Sustainable Salmon Partnership	9.57%	\$1,722,600
Yakima Basin Fish and Wildlife Recovery Board**	9.38%	\$1,688,400
*Hood Canal is in the Puget Sound Salmon Recovery Region for Chinook and steelhead, but is a separate salmon recovery region for summer chum. The Hood Canal Coordinating Council receives 10 percent of the Puget Sound Partnership's regional SRFB allocation for Chinook and steelhead. **There are five projects submitted by the Klickitat County Lead Entity. Klickitat is receiving \$97,200 from Lower Columbia Fish Recovery Board's regional allocation and \$501,587 from the Yakima Basin Fish and Wildlife Recovery Board's regional allocation.		

The basic elements of the regional funding allocation approach that carry over from the previous funding cycles include the following:

- Reliance on regional salmon recovery plans and lead entity strategies.
- Review of individual projects by the SRFB Review Panel to identify "Projects of Concern."
- Provision of flexibility, recognizing different circumstances across the state.
- Efficiencies by shortening the grant schedule and reducing evaluation steps.
- Streamlined process while transitioning toward more use of regional recovery plans, where such plans are in place or being developed.

The SRFB also committed to continuing the following key principles:

- Salmon recovery funds will be allocated regionally.
- The SRFB Review Panel will not evaluate the quality of lead entity strategies that are part of recovery plans already submitted to the Governor’s Salmon Recovery Office and National Oceanic and Atmospheric Administration’s National Marine Fisheries Service. Regional organizations ensure the submitted lists of projects are consistent with the regional recovery plans.
- The evaluation process will be collaborative. The SRFB Review Panel will work with lead entities and project applicants early to address the project design issues and reduce the likelihood that projects submitted are viewed as “Projects of Concern” by the review panel or the SRFB.
- Each region has different complexities, ranging from varying numbers of watersheds to areas with vastly differing sizes of human populations. These complexities require different approaches to salmon recovery.
- Lead entities will continue to be a crucial and fundamental part of the recovery effort.
- Support continues for areas without regional recovery plans (coast and northeast).
- A statewide strategic approach to salmon recovery will continue.
- Funds must be used efficiently to address both listed and non-listed species.

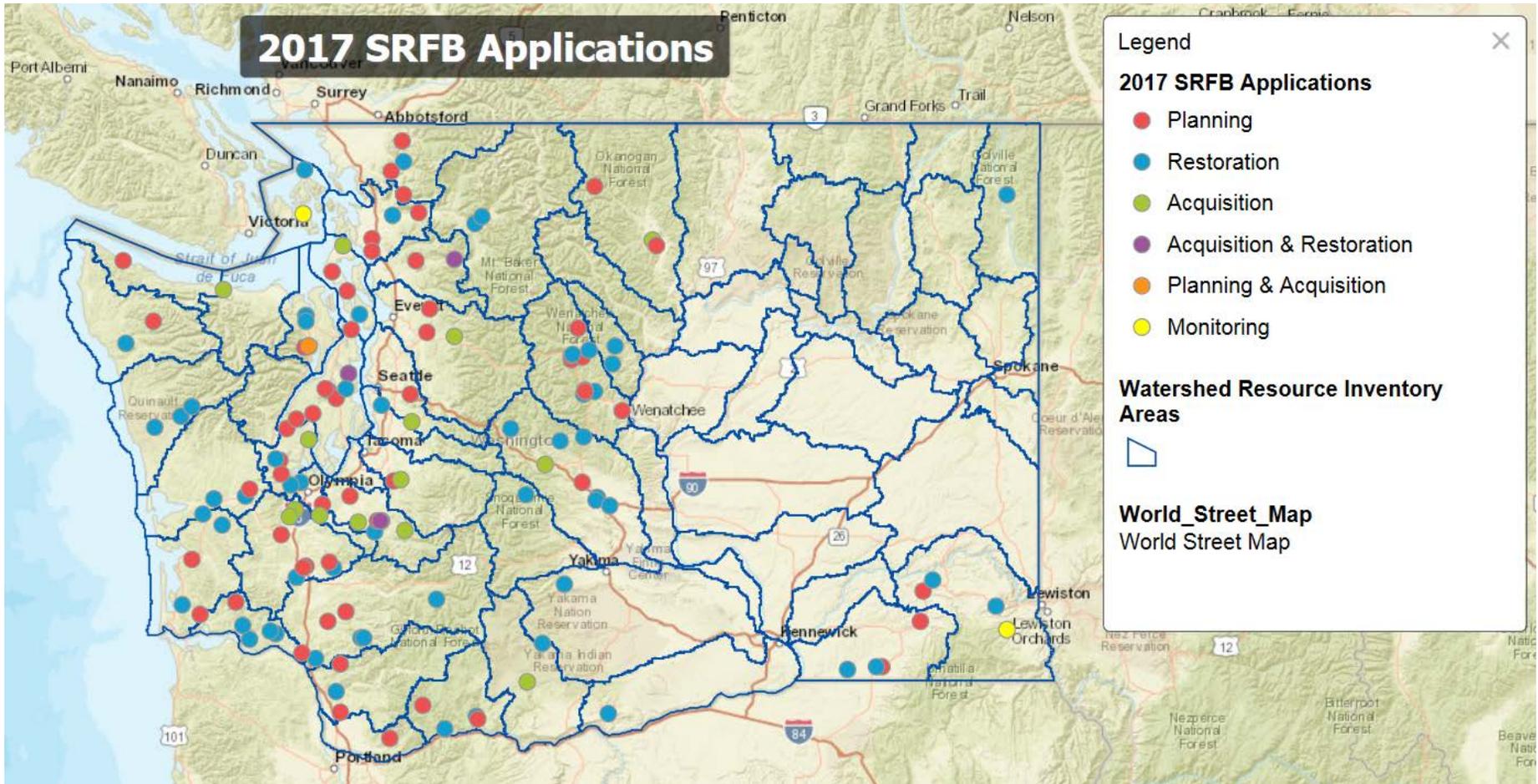
SRFB Project Decisions for December

Salmon Projects: The board already set and approved a target of \$18 million for the 2017 grant round. Because the Legislature has not yet approved a biennial capital budget, the board will be asked to approve project lists from each region, and to give RCO authority to enter into contracts for the approved projects once the Legislature passes the capital budget. RCO will use up to \$18 million in salmon state and federal funding for the approved project lists. Funding will be approved using the submitted and approved rank list order shown in Attachment 6.

Regional Monitoring Projects: In February 2015, the SRFB approved a policy allowing each regional salmon recovery organization, at its discretion, to use up to 10 percent of its annual SRFB project allocation for monitoring activities subject to the certain conditions. An addendum to Manual 18 provides guidance and an approval process. The submitted 2017 project lists contain two monitoring projects. See Attachment 4 for a table of regional monitoring projects. These projects also are submitted and included on lead entity and region project lists for board approval in Attachment 9 and included in the \$18 million salmon state and federal funding target.

2017 Grant Applications

See the [online version of the map](#).



Elements of the 2017 Grant Round

In spring 2017, sponsors submitted 172 pre-applications in PRISM, RCO's project database, for the 2017 grant cycle. Between April and June 2017, the lead entities coordinated project site visits with the SRFB Review Panel and RCO staff. The site visits were an opportunity to see the project sites, learn about the project details, and provide feedback to the sponsors in a project comment form in order to improve the projects. The deadline for salmon grant applications was August 14, 2017. In total, 151 final applications were submitted by the deadline and reviewed by RCO staff and the review panel.

Each regional area and corresponding lead entities prepared their respective ranked lists of salmon projects in consideration of the available funding.

Several lead entities also identified "alternate" projects on their lists. These projects must go through the entire lead entity, region, and board review process. Project alternates within a lead entity list may receive funds within 1 year from the original board funding decision, and only if another project on the funded portion of the list cannot be completed or is funded by an entity other than RCO.

Guidance Manual

In February 2017, the SRFB adopted *Manual 18, Salmon Recovery Grants* with several changes that were a result of feedback from the SRFB, regions, lead entities, sponsors, review panel, and RCO staff to improve the grant process. Manual 18 is updated annually to reflect a new grant timeline, process improvements, and administrative updates. Manual 18 remains the guidance document for entities applying for funding through the SRFB.

PRISM Innovations

In March 2017, RCO completed moving outside users from PRISM 2007 to PRISM Online (a Web-based interface) with the implementation of Progress and Final Reports in PRISM Online. Now, all the required functions that are needed by sponsors are available in PRISM Online. Sponsors can enter and submit new applications, search for other projects, submit electronic billings, and complete required progress and final reporting requirements. RCO has received positive feedback on our efforts to improve PRISM for sponsors. Since electronic billings were implemented in March 2015, sponsors have submitted more than 8,800 bills and RCO has paid every bill in less than 30 days.

In September 2017, RCO implemented a new mapping feature in PRISM Online to allow sponsors and RCO staff to map the properties that have been acquired using grant funding. RCO is developing a plan to determine the best approach to map previously acquired properties. RCO also is examining how to use the new mapping tool for other business needs, such as mapping areas restored, identifying the areas to be examined for cultural resource impacts, creating boundaries for long-term obligations, etc.

High on RCO's priority list for enhancements to PRISM is automating the process to review and approve projects for funding. The goal is to enable review panel members and RCO staff to review project information, enter and review comments about projects, and update project statuses online, as well as create other process efficiencies.

Part 2: SRFB Review Panel Comments

The SRFB Review Panel is comprised of eight members who have a broad range of knowledge and experience in salmon habitat restoration and protection approaches, watershed processes, ecosystem approaches to habitat restoration and protection, project development and project management. Members' expertise covers the gamut of issues faced by lead entities and sponsors of SRFB projects. Review panel biographies are in Attachment 2.

The SRFB Review Panel helps the board meet the requirements of the Pacific Coastal Salmon Recovery Fund program's technical review process. The panel reviews all grant applications to help ensure that each project is: 1) technically sound, meaning that a proposed project provides a benefit to salmon; 2) likely to be successful; and 3) does not have costs that outweigh the anticipated benefits. Applications labeled "Projects of Concern" do not meet these criteria and will be forwarded to the SRFB for funding consideration unless the lead entity withdraws the application. The review panel does not otherwise rate, score, or rank projects. Members of the panel also are available to review project designs to satisfy project conditions or at staff request.

Project Review Process

The review panel worked throughout the year reviewing projects both before and after the application deadline. This review helps lead entities and sponsors improve each project's benefits to fish and certainty of successful implementation. The benefit and certainty criteria used by the review panel in its evaluation of projects can be found in *Manual 18, Salmon Recovery Grants*, Appendix K, and is Attachment 3 in this report. The panel based its evaluations and comments on the following:

- Early project site visits and consultations.
- Attendance at some local technical and citizens committee project evaluation and ranking processes used by lead entities and regional organizations.
- Application materials submitted by lead entities and regional organizations.
- Discussions on projects of concern with lead entities, project sponsors, and regional organizations during the regional area project meetings October 23, 2017.

As with past rounds, the 2017 project review process involved an effort to provide early feedback to project sponsors, lead entities, and regional organizations. Starting in early spring, and completed by June 30, 2017, the panel participated in field and office reviews of potential projects around the state, and provided an early comment form for each project. The review panel met in mid-July to review and discuss any projects that the panel had identified concerns with from the early review site visits and draft applications.

After the early project reviews, 151 final applications were submitted by August 12, 2017 for funding consideration. The review panel reviewed all final applications and responses to early

comments. The panel then met from September 19-20 to discuss final project proposals and responses to applications. The review panel updated project comment forms with post-application comments by September 29. Projects at that time received a status of either “Clear,” “Conditioned,” “Need More Information,” or “Project of Concern.”

Projects with complete applications that met all review criteria and were forwarded as recommended for funding received a status of “Clear.” Some applications still lacked sufficient information to complete the technical review and received a status of “Need More Information.” In most cases, providing additional information addressed the concerns. If the review panel saw potential issues with projects not meeting evaluation criteria, the projects were noted as “Projects of Concern” and the panel specifically identified the concerns, and if and how sponsors could address them.

Sponsor responses to post-application comments were due October 13, 2017. The panel reviewed additional information, responses to comments, and cleared projects if possible by October 18, 2017. Projects with a remaining “Project of Concern” status were invited to the regional area project meetings to discuss the project issues in detail with the panel. The purpose of the regional area project meetings is to have regions present an overview of their recovery programs’ goals and objectives, how the project lists achieve these goals, and their processes for project selection. It is also the opportunity for the lead entities and project sponsors to discuss any project issues identified with the review panel.

After the regional area project meetings, the review panel evaluated all projects by the review criteria to determine if any had low benefit to salmon, low certainty of being successful, or were not cost-effective. Projects that did not clearly meet one or more of these SRFB criteria were identified as “Projects of Concern.” Lead entities and regional organizations received the panel determinations by November 1, 2017. The table of all projects grouped by lead entity is found in Attachment 9.

“Projects of Concern”

After the regional area meetings, the review panel labeled no projects as “Projects of Concern.” All projects with any remaining issues were either “Conditioned,” “Cleared,” or “Withdrawn.” One project was withdrawn after the regional area meeting.

Table 3. Project Status

Lead Entity	Projects Reviewed Early Site Visits	Projects Submitted by Due Date	Projects Withdrawn After Review	“Projects of Concern” September	“Need More Information” September	Final “Projects of Concern”
Chehalis Basin Lead Entity	16	14	5	2	5	0
Green, Duwamish, and Central Puget Sound Watershed	1	1	0	0	0	0

Part 2: SRFB Review Panel Process

Lead Entity	Projects Reviewed Early Site Visits	Projects Submitted by Due Date	Projects Withdrawn After Review	"Projects of Concern" September	"Need More Information" September	Final "Projects of Concern"
(WRIA 9) Lead Entity						
Hood Canal Coordinating Council Lead Entity	9	9	0	2	3	0
Island County Lead Entity	4	4	0		1	0
Kalispel Tribe-Pend Oreille Lead Entity	1	1	0	1	0	0
Klickitat County Lead Entity	5	5	0	0	3	0
Lake Washington/Cedar/Sammamish Watershed (WRIA 8) Lead Entity	2	2	0	0	0	0
Lower Columbia Fish Recovery Board Lead Entity	22	20	4	1	5	0
Nisqually River Salmon Recovery Lead Entity	7	7	0	0	1	0
North Olympic Peninsula Lead Entity for Salmon	2	2	0	0	0	0
North Pacific Coast Lead Entity	2	2	0	0	1	0
Pacific County Lead Entity	5	5	0	0	3	0
Pierce County Lead Entity	2	2	0	0	0	0
Quinault Indian Nation Lead Entity	3	3	0	0	0	0
San Juan County Community Development Lead Entity	3	2	1	0	0	0
Skagit Watershed Council Lead Entity	6	6	0	0	2	0
Snake River Salmon Recovery Board Lead Entity	9	9	1	0	1	0
Snohomish Basin Lead Entity	6	5	1	0	0	0

Lead Entity	Projects Reviewed Early Site Visits	Projects Submitted by Due Date	Projects Withdrawn After Review	"Projects of Concern" September	"Need More Information" September	Final "Projects of Concern"
Stillaguamish River Salmon Recovery Co-Lead Entity	3	2	1	0	1	0
Upper Columbia Salmon Recovery Board Lead Entity	20	18	2	2	1	0
West Sound Watersheds Council Lead Entity	11	8	3	0	2	0
WRIA 1 Watershed Management Board	8	4	4	0	2	0
WRIA 13 Salmon Habitat Recovery Committee Lead Entity	5	4	1	0	0	0
WRIA 14 Salmon Habitat Recovery Committee Lead Entity	6	5	1	0	0	0
Yakima Basin Fish and Wildlife Recovery Board Lead Entity	14	11	4	0	2	0
Total	172	151	28	14	32	0

The number of projects submitted in 2017 was similar to previous years, as was the percentage of "Projects of Concern." The interaction with the review panel and the feedback to sponsors intends to improve projects and ensure a clear benefit to salmonids in each watershed. It is the goal of this thorough review process to have top priority, technically sound projects submitted to the SRFB for funding.

Table 4. "Projects of Concern" 2004-2017

Grant Round	Eligible Projects Submitted	"Projects of Concern"					
		Draft, Flagged "Need More Information" or "Projects of Concern"		October		Final Report Nov. 18, 2016	
2004	180	NA				19	11%
2005	167	49	29%	24	14%	16	10%
2006	115	27	23%	9	8%	1	1%
2007	219	40	18%	18	8%	4	2%
2008	131	NA		16	12%	6	5%
2009	179	59		16	8%	6	3%

Grant Round	Eligible Projects Submitted	Draft, Flagged "Need More Information" or "Projects of Concern"	"Projects of Concern"			
			October		Final Report Nov. 18, 2016	
2010	159	18	10	6%	1	0.63%
2011	177	21	27	15%	1	0.6%
2012	175	35	35	20%	1	0.68%
2013	192	32	15	8%	0	0
2014	185	33	10	5%	2	1%
2015	181	47	12	7%	1	.55%
2016	192	47	16	9%	2	1%
2017	151	46	1	.66%	0	0%

The 2017 SRFB policies governing a "Project of Concern" are the same as in previous grant rounds. Lead entities and regional organizations must notify RCO of their final lists by November 7, 2017. A regional organization or lead entity had to decide by that date whether to leave a "Project of Concern" on its list and have the SRFB consider it for funding in December. However, if a "Project of Concern" is left on the list and a convincing case is not made to the SRFB that the project merits funding, that dollar amount will not remain in the target allocation. If lead entities withdraw a "Project of Concern" before the funding meeting, alternates may be considered for funding.

The intent of this policy is both to signal that the SRFB is unlikely to fund a "Project of Concern" and to ensure that lead entities and regional organizations are convinced of the merits of such projects before submitting them to the SRFB for funding.

"Conditioned" Projects

The review panel labeled 22 projects as "Conditioned" because it felt the projects needed to meet specific conditions to satisfy the SRFB's benefit, certainty, and cost-effectiveness criteria. Attachment 7 contains a summary of the "Conditioned" projects and their review panel condition.

The review panel continues to use "conditioning" of projects as a tool for strengthening project design and ensuring that proposals that may contain elements of uncertainty but that otherwise meet the SRFB evaluation criteria can proceed to an RCO project agreement. A typical project condition consists of assigning an intermediate review step between the selection of a preferred project alternative and the preliminary design phases. Another common condition might be to direct the elimination of a particular component of a project design because it is inconsistent with the SRFB's theme of restoration of natural processes or provides no added benefit to salmon.

Last year, the review panel worked with RCO grants managers to develop and launch a condition tracking application in SharePoint. This tracking application helps review panel members keep track of the status of project conditions over the life of a particular project,

particularly when individual members were not directly involved in reviewing the sponsor's responses to the condition. The new application makes it easy to track the status of each condition and provides RCO with documentation that each year's batch of projects meet the conditions.

Adjustments to Project Lists

From the time of the SRFB's allocation decisions through the August application deadline, lead entities and regional organizations worked collaboratively to meet their funding targets for salmon funding and to submit a portfolio of projects. Sometimes, when projects were withdrawn because of a "Project of Concern" designation or because they received funding from other resources, regions and lead entities had to work with grant applicants to adjust project funding amounts and scopes to fit the funding targets or update their ranked lists. Applicants also may submit alternate projects on their ranked lists. Applicants working through the lead entity and region could make adjustments in project costs (if warranted) up through November 7. Those adjustments are defined as the following:

- Any "Conditioned" project that needed a change in the application.
- Any "Project of Concern" where a scope or budget change would address the review panel recommendation and remove the designation.
- Any project where the review panel removes the designation of "Project of Concern" after considering new information submitted by lead entities and regional organizations.
- Any project that has been modified, without a significant change in scope, to meet the intra-regional funding allocation determined by the regional organization and its partners.
- Any project that has been withdrawn by the sponsor or lead entity.

Grant Round Process and Observations from the SRFB Review Panel

As in past years, the review panel supported RCO grants managers and the board by reviewing all proposals for SRFB funding to ensure that they met the board's minimum criteria for benefit to salmon recovery, certainty of successful implementation, and cost effectiveness. During 2017, the panel reviewed 172 proposals at the "pre-application" stage, traveling to each region and/or lead entity area in teams of two to visit project sites, read applicant's draft application materials, and discuss the proposals. Usually these project tours included not only the project sponsor and review panel team, but also the RCO grants manager, members of the region or lead entity technical and citizens advisory committees, and other sponsors who are working in that lead entity.

The office presentations and field visits generated lively and engaged discussions in which strengths and weaknesses of each proposal were identified and discussed and improvements suggested. Typically, lead entity personnel and sponsors found the review panel input to be

valuable both from the perspective of offering experience from other projects and approaches that have been tried in other lead entities and regions, as well as being at greater liberty to voice candid criticism than local stakeholders may have felt comfortable doing. We find that local Technical Advisory Committees and lead entity personnel frequently use our reviews not only to improve their project portfolios, but to help weed out weaker proposals from the application process. Scheduling all the pre-application field visits during the 10-week period of April through mid-June can be hectic, but review panel members feel that it is a very productive part of the application process, because the on-site dialogue allows for key exchange of ideas that substantially improves many projects.

Throughout the application cycle, panel members noted several themes and issues that continually arise. Most of these have been described in funding reports from previous years; some get resolved more or less over time, and some seem inherent within the context of the SRFB funding process. The following discussion raises a few of these issues that took higher profile during the 2017 funding cycle.

Retain Emphasis on Protection Projects

As in past years, 2017 saw several proposals for strategic land protection and acquisition projects, with high-benefit acquisitions proposed in the Stillaguamish, Cedar River/WRIA 8, Nisqually, Chehalis, and Klickitat lead entities, among others. We note, however, a trend of decreasing number of sponsors for these kinds of projects, which primarily now are taken on only by the several excellent regional and county land trusts operating in Washington State. Protecting high quality existing salmon habitat is still the most cost-effective means of supporting the regional salmon recovery plans, and the review panel hopes that lead entities continue to emphasize this, and that a broad range of governmental, tribal, and non-governmental sponsors continue to pursue it.

Higher Expectations for Expedited RMAP Projects

Sponsors continue to submit proposals for expedited Road Maintenance and Abandonment Plan (RMAP) projects on behalf of large commercial timber owners, particularly in the coast region, which submitted four proposals this year. We note that as the required RMAP implementation completion date of 2021 is only a few years from now, the marginal utility of SRFB contributions to expedite these projects is diminishing. Project applicants are required to demonstrate that there will be harm to salmon recovery if the project implementation is not expedited (i.e. done before the required completion date of 2021), which becomes more difficult to justify as the deadline approaches.

This year the review panel spent considerable effort urging RMAP project sponsors in the coast region to provide a sufficient level of engineering design to demonstrate that the projects meet the board's evaluation criteria, specifically Criterion 7 (the project works towards restoring natural watershed processes) and 11 (adequacy of the design). Design documentation typically consisted of a few conceptual sketches done by the timber owner's road engineering staff. The designs fell short of the technical standards for stream habitat and natural watershed process

restoration that we routinely see in other types of SRFB-funded habitat restoration projects of similar scope.

As the 2021 RMAP implementation deadline approaches and the relative additional utility of expediting RMAP projects shrinks, the review panel believes RMAP project sponsors should up their game and provide better quality designs and design documentation. We believe that the RMAP designs also should focus more broadly on restoring habitat and habitat-forming processes at each road crossing project site, rather than strictly removing fish passage barriers. We note that this approach also is reflected in the Washington Department of Natural Resources' recent technical checklists for Forest Practices Hydraulic Projects. The panel would appreciate direction from the board on how to apply the Manual 18 evaluation criteria to these situations.

Importance of Meaningful Evaluation of Design Alternatives for Barrier Removal Projects

A related issue to the desire for better quality expedited RMAP project designs is that of urging project sponsors to do a meaningful evaluation of project design alternatives for fish passage barrier removal projects. Manual 18 requires sponsors for barrier removal projects to complete the Washington Department of Fish and Wildlife's Barrier Evaluation and Corrective Action forms. The Corrective Action Form includes a mandatory evaluation of project design alternatives for meeting the site-specific project objectives. A trend that we have seen this year is for sponsors of both expedited RMAP and non-RMAP barrier removal projects to limit the response in the Corrective Action Form to a brief comparison of costs of three culvert or bridge options for replacing the immediate barrier culvert, without considering the broader implications for restoring natural watershed processes at the project site.

The Corrective Action Form originally was intended to document site conditions relevant to meeting the department's *Culvert Fish Passage Guidelines*. The Department of Fish and Wildlife's newer *Guidance for Water Crossing Structures* expands site evaluation to consider "other" stream and habitat issues rather than strictly fish passage. It would be helpful if the department would update the Corrective Action Form to be more in-line with the updated focus in the newer guidance. RCO staff have initiated this conversation with the department and it has responded positively and asked that we work with Michelle Cramer, a department engineer, who is also on the SRFB Review Panel. In the meantime, the review panel intends to push sponsors to identify more comprehensive, natural process-based design alternatives for fish passage barrier removal proposals. We also suggest that the board consider ways for facilitating the exchange of the review panel's technical experience on this issue into the process for reviewing projects funded by the Brian Abbott Fish Passage Barrier Removal Board.

Coordination with the Chehalis Basin Aquatic Species Restoration Plan Effort

Since 2015, the Chehalis Basin Lead Entity's process for developing SRFB proposals has taken place in the context of the large-scale *Chehalis Basin Strategy* and its *Aquatic Species Restoration*

Plan program. The plan's funding will greatly exceed the lead entity's SRFB allocation, which sponsors have steadily relied on since 1999 for identifying and implementing habitat restoration and protection projects. The review panel has noted how this situation likely will affect the focus and priorities of sponsors and other stakeholders in the Chehalis lead entity's salmon recovery program. Implications of this new situation may include the following:

- Refocus of project locations and types of projects that may be proposed for SRFB funding in the future.
- New sources of match funding for SRFB grants.
- More data available on salmonid and aquatic species habitat in the basin.
- Opportunities for collaboration between the new plan's efforts, the lead entity (which is represented on the plan's steering committee), and project sponsors.

Off-Year for Other Funding

During the 2016 funding round, project sponsors in the Puget Sound Salmon Recovery Region submitted many proposals for the Puget Sound Acquisition and Restoration (PSAR) 2017-2019 portfolio, as well as proposals intended to serve as cost match for projects being considered in the Estuary and Salmon Restoration Program (ESRP) and Floodplains by Design request for proposals. None of these programs solicited proposals for major funding during the 2017 SRFB funding round, which generally resulted in reduced number of proposals from Puget Sound lead entities this year.

Smaller-Benefit Fish Barrier and Shoreline Armoring Removal Projects

Perhaps as a consequence of the off-year schedule for large-scale project funding, during which the available funding allocations could only support smaller-scale projects in some watersheds, some Puget Sound lead entities submitted proposals for fish passage barrier correction and shoreline armoring removal projects in creeks and shoreline areas that are of lower priority in their local recovery plans. Some barrier removal projects were on creeks that primarily support coho habitat. Along the shoreline, there was a trend towards rock armor removal projects on single, isolated residential parcels that were not necessarily located in high priority geographic locations identified in the watersheds' Chinook recovery plans. While the review panel respects the judgment of local citizens committees to include these projects in their portfolios, we feel that they will result in marginal benefit in advancing recovery of Endangered Species Act-listed Chinook and steelhead.

For residential shoreline armoring removal projects in particular, lead entities have justified advancing these proposals on the premise that success of each individual project will increase the likelihood of future restoration opportunities on neighboring parcels. In addition, these projects help to advance near-term action objectives identified in the Puget Sound Partnership's *Action Agenda*. The review panel acknowledges these benefits, but it is hard to see how small, isolated actions like these provide major advances of the local Chinook recovery plans. The

board's Manual 18 project evaluation criteria require each project to lead to a significant benefit to salmon recovery, so the panel must evaluate each through this lens.

The panel feels it is valuable for the board to continue to remind lead entities that the regional salmon recovery plans must drive the identification of projects for SRFB funding in all rivers, creeks, and near-shore areas. Likewise, there continues to be a need for large project capital funding and a commitment by state and local government agencies to support the kind of strategic, large-scale projects that will lead to the significant advances in meeting each watershed's salmon recovery goals.

Removal of Abandoned Hatchery Infrastructure

Over the years, sponsors have proposed and received funding for several projects for designing and implementing the removal or modification of abandoned Washington Department of Fish and Wildlife salmon rearing ponds, abandoned diversion structures, and other derelict hatchery infrastructure. Other restoration projects have included partial restoration of habitat function and habitat forming process in reaches that are impacted by active department hatchery structures, to the extent feasible within the constraints of the necessity to leave the infrastructure in place. The Lower Columbia Fish Recovery Board's 2017 portfolio of projects includes three such projects sponsored by the Cowlitz Indian Tribe: Number 17-1067 Grays Pond Reconnection Design, Number 17-1066 Gobar Creek Design, and Number 17-1096 Green River Reach 1 Design. We commend the Cowlitz Indian Tribe for working with the department on developing these projects.

The review panel believes that it would be productive for the SRFB to encourage the Department of Fish and Wildlife to consider exploring policy changes that would ensure removal of abandoned hatchery infrastructure and modification of infrastructure such as intake diversion dams and weirs at active hatchery facilities to reduce the impact on natural fluvial processes. Pacific Coastal Salmon Recovery Fund "Mitchell Act" funding can be used to remove abandoned infrastructure at operating hatcheries, but not directly for removing abandoned hatchery facilities. There are several examples from federal environmental laws that require bonding and closure plans for restoring the environment at abandoned industrial facilities and mines, and believe that a similar proactive approach would be useful for restoring watershed processes at state hatcheries.

Noteworthy Projects

In previous years, the review panel has highlighted a small percentage of proposals that had the potential to result in large-scale actions that will make significant contributions to implementing the local or regional salmon recovery plans. This year, perhaps because there was no solicitation for funding for large capital projects, we identified only one project that merited special attention, as listed below.

Table 4. Noteworthy Projects

Project Number and Name	Sponsor	Goal	Phase/Funding
17-1191 Icicle Creek In-stream Flow Restoration	Washington Water Trust	Large-scale irrigation efficiencies and water trust project to augment summer low flows in Icicle Creek. SRFB funding helps leverage \$3.5 million from other sources.	Construction/acquisition

We also note a few other projects that are of particular interest because of a bold or creative project approach, or that reflect emerging issues in salmon recovery planning.

Project Number and Name	Sponsor	Goal	Phase/Funding
17-1143 Mud Bay Salt Marsh Restoration Sucia Island	Friends of the San Juans	Removal of a road and shoreline armoring to restore natural connectivity to a salt marsh in a state park. The sponsor worked for several years with State Parks to gain support for implementing a "full restoration" alternative.	Construction of a design funded by a previous SRFB grant.
17-1241 Thermal Refuge Assessment in Upper Columbia	Chelan County Natural Resources	Use temperature data and models to locate cold spots in the Wenatchee and Entiat basins, then identify project opportunities to augment or protect these areas to provide temperature refuge to Endangered Species Act-listed salmonids	Planning study
17-1303 Tucannon Salmonid Survival and Habitat Utilization 2	Washington Department of Fish and Wildlife	Expand ongoing, seasonal mobile Passive Integrated Transponder (PIT) tagging of juvenile Chinook and steelhead to identify population bottlenecks and develop a prioritized list of restoration actions to address emerging limiting factors.	Monitoring and planning
17-1040 Royal Arch Reach Protection	Seattle Public Utilities	Another acquisition of riparian habitat in a long-term program of habitat protection along a strategic reach of the Cedar River.	Acquisition
17-1052 Big Quilcene Riparian Protection	Jefferson County	Planning and outreach to enable acquisition of property necessary to support implementation of road realignment and levee breaching at the mouth of the Big Quilcene.	Pre-acquisition to support implementation of a SRFB-funded restoration plan

2017 Review Panel Recommendations

The following is a summary of key recommendations to the board based on the general observations for the 2017 grant round.

- Recommend to Washington Department of Fish and Wildlife to update the Corrective Action Form to better reflect the recent *Guidance for Water Crossing Structures* and Washington Department of Natural Resources' Forest Practices Hydraulic Project checklists.
- Consider ways for facilitating the exchange of the review panel's technical experience into the process for reviewing projects funded by the Brian Abbott Fish Passage Barrier Removal Board.
- Continue to highlight to regional organizations and lead entities the importance of having the salmon recovery plans be the primary driver for developing project opportunities and continue to advocate for adequate funding for large scale, high benefit restoration and protection projects.
- Encourage the Washington Department of Fish and Wildlife to consider exploring policy changes that would ensure removal of abandoned hatchery infrastructure and modification of infrastructure at active hatcheries to reduce their impact on river and floodplain habitat-forming processes.

Manual 18 Updates

The review panel does not have any recommendations for Manual 18 policy revisions this year. As a "housekeeping" measure, the panel will work with RCO staff to add text that clarifies that design standards for RMAP and non-RMAP barrier removal projects should be consistent with the most recent Washington Departments of Fish and Wildlife and Natural Resources design guidance.

Part 3: Region Summaries

Introduction

In 2016, the SRFB created a committee to address the allocation of salmon state and federal Pacific Coastal Salmon Recovery Fund money as part of the board's biennial work plan. In March 2017, the SRFB approved an updated regional project allocation for the subsequent grant rounds, which will be used this year for the first time. See Table 1 of this report. The board continues to allocate funding regionally rather than to individual lead entities. To inform the SRFB of the processes used at the regional and local levels to develop SRFB project lists, RCO posed a series of questions in *Manual 18, Salmon Recovery Grants*. Each region responded to these questions, providing significant supporting documentation. The following section of the report provides links to the RCO Web site to a region-by-region summary of the responses received. The responses are direct submittals from the regions. The structure of these summaries focuses around the key questions asked of each region and their local entities.

Regional organizations were required to respond to questions regarding the following:

- The internal allocation process across lead entities and watersheds.
- The technical review process, including evaluation criteria and Technical Advisory Group membership.
- Consideration of SRFB criteria in developing their project lists.

Lead entities were asked to describe the following:

- Their local review processes, including criteria, local Technical Review Team membership, and SRFB Review Panel participation.
- How multi-year implementation plans or habitat work schedules were used to develop project lists.

The summaries encompass the key processes and concepts provided by the regions and are intended as a reference for staff and the board.

How is the Regional Review Process Implemented?

SRFB staff concluded that processes in regional areas generally were consistent with the processes laid out in *Manual 18, Salmon Recovery Grants*, which is informed by the Salmon Recovery Act.¹ This is based on the summaries from the regional responses (provided at the links below) to questions in Manual 18 and application materials. This year, to reduce expenses

¹Revised Code of Washington 77.85

due to the lack of a capital budget, the regions did not make presentations to the review panel at the regional area meetings in October in Olympia. The meetings were instead shortened and strictly focused on “Projects of Concern.” Staff notes that the pre-proposal meetings and site visits, coupled with the early and continual feedback from the review panel, helped improve projects.

For the most part, regional organizations and areas used the same or similar review approaches as in previous years (fit of the projects and lists to their regional recovery plans or strategies). The type and extent of regional technical review continues to vary between regions.

Region Overviews

- [Hood Canal](#)
- [Lower Columbia River](#)
- [Middle Columbia River](#)
- [Northeast Washington](#)
- [Puget Sound](#)
- [Snake River](#)
- [Upper Columbia River](#)
- [Washington Coast](#)

Attachment 1: 2017 Grant Schedule

Date	Action	Description
February 10	Due Date: Requests for review panel site visits	Lead entities submit their requests for site visits to RCO staff by this date.
February-June 9	Project draft application materials due at least 3 weeks before site visit (required)	At least 3 weeks before the site visit , applicants enter application materials through PRISM Online (See Draft Application Checklist). The lead entity will provide applicants with a project number from the Habitat Work Schedule before work can begin in PRISM Online.
February-June 30	Pre-application reviews and site visits (required)	RCO grants managers and review panel members review draft application materials, go on lead entity-organized site visits, and provide technical feedback based on materials and visits. Complete site visits before June 30, 2017 .
February-May	Application workshops (on request)	RCO staff holds an online application workshop. RCO can provide additional in-person trainings to lead entities upon request.
February-July 15	SRFB Review Panel completes initial project comment forms	About 2 weeks after the site visits, RCO grants managers provide review panel comment forms to lead entities and applicants. Applicants must address review panel comments through revisions to their Appendix C project proposals (using Microsoft Word track changes).
August 10	Due Date: Applications due	Applicants submit final application materials, including attachments, via PRISM Online. See Final Application checklist .
August 14	Lead entity submittals due	Lead entities submit draft ranked lists via PRISM Online.
August 11-25	RCO grants managers review	RCO screens all applications for completeness and eligibility.
August 25	Review panel post-application review	RCO grants managers forward project application materials to review panel members for evaluation.
September 6	Due Date: Regional submittal	Regional organizations submit their recommendations for funding, including alternate projects (only those they want the SRFB to consider funding), and their Regional Area Summary and Project Matrix.
September 19-21	SRFB Review Panel meeting	The review panel meets to discuss projects, prepare comment forms, and determine the status of each project.

Date	Action	Description
September 29	Project comment forms available for sponsors	RCO grants managers provide the review panel comment forms to lead entities and applicants. Projects will be identified with a status of "Clear," "Conditioned," "Need More Information (NMI)," or "Project of Concern (POC)."
October 12	Due Date: Response to project comment forms	Applicants with projects labeled "Conditioned," "NMI," or "POC" provide responses to review panel comments through revisions to project proposals in PRISM. If the applicant does not respond to comments by this date, RCO will assume the project was withdrawn from funding consideration.
October 18	Review panel list of projects for regional area meeting	The review panel reviews the responses to comments and identifies which projects to clear. They recommend a list of "POCs" to present at the regional area project meeting.
October 23-25	Regional area project meetings	Regional organizations, lead entities, and applicants present regional updates and discuss "POCs" with the review panel.
November 1	Review panel finalizes project comment forms	The review panel finalizes comment forms by considering application materials, site visits, applicants' responses to comments, and presentations during the regional area project meeting.
November 7	Due Date: Lead entities submit final ranked lists	Lead entities submit ranked project lists in PRISM. RCO will not accept changes to the lists after this date. Updates submitted after this date will not appear in the grant funding report.
November 16	Final 2016 grant report available for public review	The final funding recommendation report is available online for SRFB and public review.
December 6-7	Board funding meeting	Board awards grants. Public comment period available.

Attachment 2: 2017 SRFB Review Panel Biographies

Michelle Cramer, Department of Fish and Wildlife, Olympia

Ms. Cramer is a senior environmental engineer. She provides statewide technical assistance and recommendations to habitat managers on planning and design of fresh and marine bank protection, habitat restoration, flood hazard management, and fish passage projects. She is the managing editor of the *Stream Habitat Restoration Guidelines* and a principal author of the *Integrated Streambank Protection Guidelines*. Ms. Cramer earned a bachelor of science degree in environmental engineering from Humboldt State University and is a licensed professional engineer in Washington State.

Kelley Jorgensen, consultant, Ridgefield

Ms. Jorgensen is a senior watershed ecologist who brings more than 25 years of private and public sector experience in applied watershed science and regulatory compliance to her current position managing the Plas Newydd Farm Conservation Program. Kelley's current focus is the restoration of more than 1,000 acres of Columbia River floodplain habitats including the development of the proposed Wapato Valley Wetland Mitigation and Habitat Conservation Bank. The Columbia River basin has been her focus for more than two decades, where she has worked on numerous restoration and development project teams, managing projects large and small involving field biology, watershed ecology, aquatic and terrestrial habitat restoration project development and site selection, restoration design, mitigation services, and environmental permitting and regulatory compliance. She has been on the SRFB Review Panel since 2007, and a member of the Lower Columbia Fish Recovery Board Technical Advisory Committee from 2000-2002 and 2007-2017. She was an officer and on the Board of Directors for River Restoration Northwest from 2007-2015.

Jennifer O'Neal, consultant, Mount Vernon

Ms. O'Neal is a senior fisheries biologist and project manager at Natural Systems Design with 18 years of experience in stream restoration monitoring, salmon habitat restoration design, and riparian ecology. Her field and research experience includes writing sampling protocols for monitoring salmonid populations, measuring the effectiveness of habitat restoration projects, determining data quality levels in monitoring efforts across the Pacific Northwest, and assessment of trophic interactions between macroinvertebrates and fish. Her current focus is using remote sensing techniques and topographic survey to assess changes in floodplain habitat and fish use due to restoration actions. Ms. O'Neal received her bachelor of arts degree in environmental science from the University of California, Berkeley, and her master of science degree in fisheries and aquatic science from University of Washington.

Patrick Powers, consultant, Olympia

Mr. Powers is the principal and owner of Waterfall Engineering, LLC, a limited liability engineering consulting firm that specializes in fish passage and stream restoration. He brings 30 years of experience designing projects with particular specialties in fishways, fish screening, hydraulics, hydraulic modeling, hydrology, river engineering, and marine and near-shore restoration. He served as the chief engineer for the Washington State Fish and Wildlife Habitat Program and was involved in the development of guidance documents on stream restoration and fish passage. He received his master of science degree in civil and environmental engineering from Washington State University with an emphasis on the fisheries engineering program. He is a nationally recognized expert for his master's thesis work on analyzing fish barriers at natural obstructions.

Paul Schlenger, consultant, Seattle

Mr. Schlenger is a principal and owner at Confluence Environmental Company. The American Fisheries Society certifies him as a fisheries professional. He has worked extensively throughout Puget Sound estuarine and near-shore environments on restoration and projection planning and design projects. He has 19 years of experience working on salmon recovery, habitat restoration, and salmon ecology projects. He holds a bachelor of arts degree in environmental sciences from the University of Virginia and a master of science degree in fisheries from the University of Washington.

Tom Slocum, PE, Mount Vernon

Mr. Slocum directs the engineering services program for San Juan, Skagit, Whatcom, and Whidbey Island conservation districts, based in Mount Vernon. He has expertise in engineering, permitting, grant writing, and project management related to salmon habitat restoration, water quality protection, and storm water management. He received his law degree from Seattle University Law School, his master of science degree in civil engineering from Northeastern University, and his bachelor of arts degree from Dartmouth College.

Steve Toth, consulting geomorphologist, Seattle

Mr. Toth is a licensed engineering geologist with more than 25 years of experience working in forestlands of the Pacific Northwest. He has been the principal and owner of his own company doing business as a consulting geomorphologist since 1997. He has expertise in fluvial geomorphology and channel migration zones, assessing slope stability and geologic hazards, evaluating surface water and groundwater hydrology, and conducting large-scale watershed analyses and habitat conservation plans to address bull trout and salmon recovery. He was a Fulbright Scholar in Hungary working on watershed management issues and gained a College of Forest Resources Graduate School Fellowship at the University of Washington. He earned his bachelor of arts degree in biology from Carleton College and received his master of science degree in forest hydrology from the University of Washington.

Marnie Tyler, consultant, Olympia

Dr. Tyler is the principal and owner of Ecolution, LLC, an environmental consulting firm specializing in salmon recovery and habitat restoration. She brings 26 years of experience as an ecologist with particular field expertise in riparian and wetland ecology. In addition to technical skills, Dr. Tyler brings experience in salmon recovery planning and policy through government service, including the Recreation and Conservation Office, Office of Washington Governor Chris Gregoire, Northwest Power and Conservation Council, Department of Fish and Wildlife, and the Puget Sound Action Team. She also is a co-chair of the SRFB monitoring panel. She earned a doctor of philosophy in ecosystems assessment from the University of Washington, master of science in environmental science and master of public affairs from Indiana University, and a bachelor of science in forestry from the University of Missouri.

Attachment 3: 2017 SRFB Review Panel Evaluation Criteria

The following criteria is from Appendix H in Manual 18.

To help ensure that every project funded by the SRFB is technically sound, the SRFB Review Panel will note for the SRFB any projects it believes have the following:

- Low benefit to salmon
- A low likelihood of being successful
- Costs that outweigh the anticipated benefits of the project

Projects that have a low benefit to salmon, a low likelihood of success, or that have costs that outweigh the anticipated benefits will be designated as “Projects of Concern.” The review panel will not otherwise rate, score, or rank projects. It is expected that projects will follow best management practices and will meet local, state, and federal permitting requirements.

The SRFB Review Panel uses the SRFB Individual Comment Form to capture its comments on individual projects. [Download a template of the comment form.](#)

When a project of concern is identified, the sponsor will receive a comment form identifying the evaluation criteria on which the status was determined. Before the regional area meetings, the regional recovery organization that represents the area in which the project is located¹ can contact the review panel chair if there are further questions. At the regional area meetings there is opportunity for the review panel to discuss project issues and work with the regional recovery organization and the regional technical team advisors to determine if the issues can be resolved before the list of “Projects of Concern” is presented to the SRFB.

Criteria

For acquisition and restoration projects, the panel will determine that a project is not technically sound and cannot be significantly improved if it meets the following conditions:

1. It is unclear there is a problem to salmonids the project is addressing. For acquisition projects, this criterion relates to the lack of a clear threat if the property is not acquired.
2. Information provided or current understanding of the system, is not sufficient to determine the need for, or the benefit of, the project.
 - Incomplete application or proposal.

¹For Puget Sound, this will be the Puget Sound Regional Implementation Technical Team chair.

- Project goal or objectives not clearly stated or do not address salmon habitat protection or restoration.
 - Project sponsor has not responded to review panel comments.
 - Acquisition parcel prioritization (for multi-site proposals) is not provided or the prioritization does not meet the projects goal or objectives.
3. The project is dependent on other key conditions or processes being addressed first.
 4. The project has a high cost relative to the anticipated benefits and the project sponsor has failed to justify the costs to the satisfaction of the review panel.
 5. The project does not account for the conditions or processes in the watershed.
 6. The project may be in the wrong sequence with other habitat protection, assessments, or restoration actions in the watershed.
 7. The project does not work towards restoring natural watershed processes or prohibits natural processes.
 8. It is unclear how the project will achieve its stated goals or objectives.
 9. It is unlikely that the project will achieve its stated goals or objectives.
 10. There is low potential for threat to habitat conditions if the project is not completed.
 11. The project design is not adequate or the project is sited improperly.
 12. The stewardship description is insufficient or there is inadequate commitment to stewardship and maintenance and this likely would jeopardize the project's success.
 13. The main focus is on supplying a secondary need, such as education, stream bank stabilization to protect property, or water supply.

Additional Criteria for Planning Projects

For planning projects (e.g., assessment, design, inventories, and studies), the review panel will consider the criteria for acquisition and restoration projects (1-13) and the following additional criteria. The review panel will determine that a project is not technically sound and cannot be improved significantly if it meets the following criteria:

14. The project does not address an information need important to understanding the watershed, is not directly relevant to project development or sequencing, and will not clearly lead to beneficial projects.

15. The methodology does not appear to be appropriate to meet the goals and objectives of the project.
16. There are significant constraints to the implementation of projects following completion of the planning project.
17. The project does not clearly lead to project design or does not meet the criteria for filling a data gap.
18. The project does not appear to be coordinated with other efforts in the watershed or does not use appropriate methods and protocols.

Attachment 4: Regional Monitoring Project List Submitted August 2017

Monitoring Projects						
Rank	Number	Name	Sponsor	Request	SRFB Funding	
San Juan County Lead Entity						
17-1163		Early Pacific Sand Lance Life History & Survival	KWIAHT	\$75,785	\$75,785	
					Total Funded:	\$75,785
Snake River Salmon Recovery Lead Entity						
17-1304		Asotin Intensively Monitored Watershed Monitoring 2017	Snake River Salmon Recovery Board	\$157,770	\$157,770	
					Total Funded:	\$157,770

Attachment 5: Conditioned Project Summary

“Conditioned” Projects = 22

Chehalis Basin Lead Entity

- [17-1147](#) Sylvia Creek Tributary Fish Passage

Condition: The review panel conditions this project for panel review of the preliminary design report and plans before submitting for permits, and advancing to final design and construction. The design plans and report needs to include the elements specified in Manual 18, Appendix D. The review panel will turnaround comments to the project sponsor in 30 days or less. Please account for this review timing in your project delivery schedule.

Green, Duwamish, and Central Puget Sound Watershed (WRIA 9) Lead Entity

- [17-1048](#) Riverton Creek Flapgate Removal 2

Condition: The sponsor will provide records of documentation, meeting notes, and decision points from coordination with the Washington Department of Transportation pertaining to all relevant topics and project elements, especially (but not limited to) storm water analysis, Endangered Species Act impact assessment, and permitting.

Hood Canal Coordinating Council Lead Entity

- [17-1053](#) Lower Big Quilcene Restoration Final Design

Condition: The panel will review and approve the preliminary design before the sponsor may enter a contract or receive funds for the final design. The panel requires 30 days to review and comment so include that timing in the project timeline. Because of the complexity, scale, and lengthy time frame for this project, the deadline for completing the preliminary design has been extended to February 2018.

- [17-1056](#) Snow Creek Whole Watershed Analysis

Condition: Modeling Tasks 4 and 5 identified in the Sediment Budget Study description submitted to the panel on 10/24 (attached) will be omitted from the project’s scope of work. The expense for these tasks will be removed from the overall project budget.

The panel finds that the depth of quantitative analysis included in Tasks 4 and 5 of the Sediment Budget Study is premature given the uncertainty of landowner support. The panel supports the other tasks identified in the Sediment Budget Study description. Furthering landowner support of restoration activities on private properties in the

watershed will be instrumental in evaluating and identifying project opportunities. Additional landowner outreach should be advanced before pursuing the level of quantitative analysis identified in modeling Tasks 4 and 5. Given the cost savings that will be realized by removing these tasks from the budget, the sponsor may allocate additional resources and effort to landowner outreach if this would help address the feasibility of potential restoration projects, particularly reconnecting Snow Creek with Salmon Creek.

The panel appreciates the sponsor's level of responsiveness and timely feedback in resolving prior questions and concerns.

Island County Lead Entity

- [17-1063](#) Nearshore Acquisition Strategy Development

Condition: The project sponsor will assess landowner willingness for the top ten areas of protection or restoration as identified by the GIS-based prioritization framework.

Klickitat County Lead Entity

- [17-1291](#) Rock Creek Watershed Steelhead Habitat Enhancement

Condition: The review panel will review the preliminary design before funds are released for further design development.

Lower Columbia Fish Recovery Board

- [17-1078](#) Beaver Reach Stream Restoration Design

Condition: The review panel conditions this project for panel review of the technical memo or design report that identifies the alternatives considered, including alternatives analysis, selection criteria and rationale, all supporting technical documents, and proposed or selected alternatives, before advancing to preliminary design on any given alternative. The review panel will turnaround comments to the sponsor in 30 days or less. Please account for this timing in your project delivery schedule.

- [17-1067](#) Grays Pond Reconnection Design

Condition: The evaluation of alternatives will be expanded to also include an in-depth evaluation of whether it is feasible to remove or modify the Grays River diversion dam at the upstream inlet to improve natural transport of sediment and large woody debris through the project reach. The project also will be conditioned for the review panel's review of the alternatives analysis and selected alternative before proceeding to preliminary design.

- 17-1025 Elkinton Property Stream Restoration

Condition: The sponsor will provide the review panel with a copy of the completed design plan set, preferably in AutoCAD format, at least 30 days before submittal of the permit applications. The panel needs 30 days for review. The panel will have the opportunity to work with the sponsor and design engineer to request design modifications if needed to ensure that the design is consistent with the Manual 18 project evaluation criteria.

The preliminary design deliverables that have been submitted in PRISM as of 10/18/17 are incomplete, but have enough information to demonstrate the overall benefit and certainty of the project. The condition is intended to allow the panel an opportunity to provide technical review of the final detailed design.

The panel does not recommend using a channel-spanning log sill for regulating overflow into the right bank channel because of past experience with erosion around these kinds of structures. Other design alternatives that were identified in the design report, such as log roughness structures that provide habitat complexity are preferable at this location.

North Pacific Coast Lead Entity

- [17-1234](#) Goodman Creek Large Woody Materials placement

Condition: The preliminary design must be submitted to the review panel for review and approval before releasing funds for this project. Please allow 3 weeks for review panel review.

Pacific County Lead Entity

- [17-1187](#) WEYCO Little North River Tributary

Condition: The review panel conditions this project for panel review of the preliminary design report and plans before advancing to submitting for permits and final design and construction. The design plans and report needs to include the elements specified in Manual 18, Appendix D. The review panel will turnaround comments to the project sponsor in 30 days or less. Please account for this review timing in your project delivery schedule.

The review panel provided extensive comments during the post-application and site visit phases of the application review (see the following sections) that were not addressed. Please review the comments and address all comments related to the design in the preliminary design plans and report revisions and submittal.

- [17-1186](#) Salmon Creek Riparian Restoration Design

Condition: The sponsor will provide the review panel with the conceptual-level design deliverables identified in Manual 18, Appendix D-1 before proceeding to the preliminary

design and permitting tasks. The panel will have the opportunity to provide technical input into the design of the preferred alternative.

- [17-1188](#) Fir Creek Fish Barrier Correction

Condition: The review panel conditions this project for panel review of the preliminary design report and plans before submitting for permits and advancing to final design and construction. The design plans and report need to include the elements specified in Manual 18, Appendix D. The review panel will turnaround comments to the project sponsor in 30 days or less. Please account for this review timing in your project delivery schedule.

Skagit Watershed Council Lead Entity

- [17-1155](#) Carey Slough–Fish Passage Final Design

Condition: The review panel conditions this project for panel review of the preliminary design and design report before advancing to final design. The review panel will turnaround comments to the sponsor in 30 days or less. Please account for this timing in your project delivery schedule.

- [17-1160](#) Martin Ranch Road Culvert Fish Passage

Condition: The project sponsor will submit the preliminary design report and plans to the panel for review before proceeding with a final design. Please allow for 30 days to complete the review.

Snake River Salmon Recovery Board Lead Entity

- [17-1299](#) Alpowa Creek Instream PALS Phase 2

Condition: The review panel will review plans and strategies from the sponsor developed in partnership with the landowner to address the long-term functionality of the riparian corridor along this area of Alpowa Creek.

- [17-1267](#) Bridge to Bridge Restoration Phase 2

Condition: The Bridge to Bridge Restoration Project Phase 2 scope of work shall be expanded to include additional large wood with or without root wads to be placed in the main stem river between Stations 34+00 and 64+00. The wood can be placed in currently proposed apex and flow deflection jams to augment their size and stability. Alternatively, the larger meander jam or other existing designs could be adapted for different locations to create additional jams outside of the meander bend. The review panel recognizes that additional funds will be needed to procure more wood and to modify engineering designs; however, we feel that a combination of larger and more stable jams, as well as a higher number of jams in the main stem Walla Walla River will

better address the fish habitat deficiencies within this reach of the river and mitigate for the channel filling and bank protection along the meander bend.

Furthermore, the placement of wood should focus on re-engaging the main channel with the floodplain. There are several pilot channels shown in the design, but very few have wood shown in them, or have flow deflector jams at their mouths to encourage flow into the side channels. At the site visit, there were substantial areas along the left bank of the river that could be more engaged with the floodplain (low lying areas with relict channels). These areas should be included in the design in terms of providing a more functional and connected floodplain. Wood can and should be used as a tool to re-engage these areas and to provide additional cover for fish using side channel and off-channel habitat.

Upper Columbia Salmon Recovery Board Lead Entity

- [17-1204](#) Icicle/Wenatchee Confluence Side Channel Design

Condition: The project sponsor will submit the alternatives analysis memorandum and the conceptual design plans (Task 3 and Task 4 in the scope of work) to the panel for review before proceeding with a preliminary design. Please allow for 30 days to complete the review.

The review panel appreciates the importance of improving side-channel habitat in the lower Icicle Creek and Wenatchee River area, but still has concerns about maintaining increased flows through the side channel in such a dynamic environment. Recreational use and boater safety also must be taken into account during the project design and could limit the sponsor's ability to install engineered logjams or other similar structures around the confluence.

West Sound Watersheds Lead Entity

- [17-1046](#) Fleming Fish Passage and Restoration Feasibility

Condition: The review panel conditions this project for panel review of the technical memo or design report that identifies the alternatives considered, including alternatives analysis, selection criteria and rationale, all supporting technical documents, and proposed or selected alternatives, before advancing to preliminary design on any given alternative. The review panel will turnaround comments to the sponsor in 30 days or less. Please account for this timing in your project delivery schedule.

- [17-1072](#) Chico Creek Confluence Restoration Design

Condition: Sponsor will prepare a revised alternatives analysis to evaluate cost-effective large wood targets to naturally aggrade the channel and meet the project objectives. The alternatives analysis also will include consideration of helicopter large wood placement. The panel will review and approve the revised alternatives analysis before additional

funds are disbursed for design tasks. The panel requires a 30-day review and comment period and this should be built into the project schedule.

WRIA 1 Watershed Management Board Lead Entity

- [17-1251](#) South Fork Nooksack (Nuxw7iyem) Homesteader Reach Design

Condition: The conceptual project design alternatives will be reviewed by the review panel before the alternatives analysis is complete prior to the selection of the preferred alternative. The review panel is concerned about constraints on potential habitat benefits and project costs relative to fish habitat benefits, and wants to provide input early in the design process. Additionally, a review of the basis of design report and drawings at the preliminary design stage also will be expected to ensure that panel concerns are addressed before proceeding to final design. Please allow 30 days for each phase of review.

Yakima Basin Fish and Wildlife Recovery Board Lead Entity

- [17-1225](#) Cooke Creek Screening and Passage

Condition: For the River Mile 1.28 site, the design of the roughened channel downstream of the proposed fishway will be reviewed and approved by the review panel. The intent is to 1) ensure adequate depth for fish passage at low flow, and 2) ensure the roughened channel maintains the design grade for the life of the fishway.

REGION: HOOD CANAL/PUGET SOUND

Regional Allocation/Allotment: \$1,129,961.00
Remaining: \$0.00

HOOD CANAL COORDINATING COUNCIL LEAD ENTITY

2017 December (Ranked List is in "Accepted" status) Number of Projects: 9

Salmon Allocation
\$1,129,961.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1052</u> <u>Plan,Acq</u>	Jefferson County Big Quilcene Riparian Protection	\$82,660.00	\$50,000.00	\$82,660.00	\$132,660.00
Partial	2	<u>15-1192</u> <u>Rst</u>	Jefferson County Salmon Creek Bridge Construction, West Uncas Road	\$788,800.00	\$139,200.00	\$145,472.00	\$284,672.00
	3	<u>17-1054</u> <u>Pln</u>	Hood Canal SEG Moon Valley Reach - Additional Acquisition Support	\$45,463.00	\$30,000.00	\$45,463.00	\$75,463.00
Partial	4	<u>17-1053</u> <u>Pln</u>	Hood Canal SEG Lower Big Quilcene Restoration Final Design 2017	\$962,732.00	\$814,375.00	\$856,366.00	\$1,670,741.00
Alternate	5	<u>17-1056</u> <u>Pln</u>	North Olympic Salmon Coalition Snow Creek Whole Watershed Analysis	\$199,847.00	\$35,309.00	\$0.00	\$35,309.00
Alternate	6	<u>17-1055</u> <u>Rst</u>	North Olympic Salmon Coalition Snow Creek Riparian Recovery Project	\$114,567.00	\$30,000.00	\$0.00	\$30,000.00
Alternate	7	<u>17-1058</u> <u>Pln</u>	Hood Canal SEG Tahuya River Watershed Assessment 2017	\$208,930.00	\$51,879.00	\$0.00	\$51,879.00
Alternate	8	<u>17-1059</u> <u>Pln</u>	Hood Canal SEG Union River Reach Restoration Planning	\$122,635.00	\$21,647.00	\$0.00	\$21,647.00
Alternate	9	<u>17-1057</u> <u>Pln</u>	Hood Canal SEG Tahuya River Estuary Restoration Feasibility	\$115,802.00	\$84,838.00	\$0.00	\$84,838.00
Totals:				\$2,641,436.00	\$1,257,248.00	\$1,129,961.00	\$2,387,209.00
Remaining Allocation:						\$0.00	

Project 15-1192 Note This project is a cost increase

REGION: NORTHEAST WASHINGTON

Regional Allocation/Allotment: \$342,000.00
Remaining: \$0.00

KALISPEL TRIBE-PEND OREILLE LEAD ENTITY

2017 December (Ranked List is in "Accepted" status) Number of Projects: 1

Salmon Allocation
\$342,000.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1287</u> <u>Rst</u>	The Lands Council West Branch LeClerc Restoration - Diamond City	\$342,000.00	\$60,500.00	\$342,000.00	\$402,500.00
Totals:				\$342,000.00	\$60,500.00	\$342,000.00	\$402,500.00
Remaining Allocation:						\$0.00	

REGION: LOWER COLUMBIA

Regional Allocation/Allotment: \$3,600,000.00
 Remaining: \$0

Klickitat County Lead Entity

2017 December (Ranked List is in "Accepted" status) Number of Projects: 2

*Salmon Allocation ****
\$598,787.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1282</u> Rst	Underwood Conservation Dist White Salmon Irrigation District Fish Screen	\$254,019.00	\$45,000.00	\$254,019.00	\$299,019.00
Alternate	5	<u>17-1283</u> Pln	Underwood Conservation Dist Lower Buck Creek Floodplain Restoration Design	\$63,700.00	\$12,000.00	\$0.00	\$12,000.00
Totals:				\$317,719.00	\$57,000.00	\$254,019.00	\$311,019.00
Remaining Allocation:						\$344,768.00	

***Allocation Note: Lower Columbia Region gave Klickitat \$97,200.00. Mid-Columbia Region gave Klickitat \$501,587.00

Lower Columbia Fish Recovery Board Lead Entity

2017 December (Ranked List is in "Accepted" status) Number of Projects: 18

Salmon Allocation
\$3,502,800.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1025</u> Rst	Wahkiakum Conservation Dist Elkinton Property Stream Restoration	\$319,862.00	\$62,500.00	\$319,862.00	\$382,362.00
	2	<u>17-1096</u> Pln	Lower Columbia River FEG Green River Reach 1 Design	\$144,100.00	\$0.00	\$144,100.00	\$144,100.00
	3	<u>17-1083</u> Rst	Underwood Conservation Dist Little Wind River Phase IV Habitat Enhancement	\$274,187.00	\$85,000.00	\$274,187.00	\$359,187.00
	4	<u>17-1118</u> Rst	Lower Columbia River FEG SF Toutle Bear-Harrington Restoration	\$222,225.00	\$44,360.00	\$222,225.00	\$266,585.00
	5	<u>17-1066</u> Pln	Cowlitz Indian Tribe Gobar Creek Design	\$96,313.00	\$0.00	\$96,313.00	\$96,313.00
	6	<u>17-1027</u> Rst	Cowlitz Conservation Dist IMW Godinho Restoration	\$174,000.00	\$0.00	\$174,000.00	\$174,000.00
	7	<u>17-1044</u> Pln	Lower Columbia Fish Recov Bd U. Cowlitz-Cispus Habitat Strategy	\$249,450.00	\$45,150.00	\$249,450.00	\$294,600.00
	8	<u>17-1078</u> Pln	Mid-Columbia RFEG Beaver Reach Stream Restoration Design	\$93,323.00	\$16,492.00	\$93,323.00	\$109,815.00
	9	<u>17-1067</u> Pln	Cowlitz Indian Tribe Grays Pond Reconnection Design	\$66,286.00	\$0.00	\$66,286.00	\$66,286.00
	10	<u>17-1070</u> Pln	Lower Columbia Estuary Partner Ridgefield Pits Design	\$240,570.00	\$44,952.00	\$240,570.00	\$285,522.00
	11	<u>17-1030</u> Rst	Wahkiakum Conservation Dist Johnston Wilson Creek Restoration	\$187,750.00	\$49,000.00	\$187,750.00	\$236,750.00
	12	<u>17-1113</u> Rst	Cowlitz Indian Tribe Cispus-Yellowjacket Phase I	\$599,723.00	\$599,723.00	\$599,723.00	\$1,199,446.00
	13	<u>17-1069</u> Pln	Cowlitz Indian Tribe Kwoneesum Dam Removal Design	\$154,038.00	\$0.00	\$154,038.00	\$154,038.00
	14	<u>17-1119</u> Rst	Lower Columbia River FEG SF Toutle - Little Cow Restoration	\$225,790.00	\$44,250.00	\$225,790.00	\$270,040.00
Alternate	15	<u>17-1031</u> Rst	Cowlitz County Turner Creek Passage Project	\$200,000.00	\$1,000,000.00	\$0.00	\$1,000,000.00
Alternate	16	<u>17-1042</u> Rst	Lower Columbia River FEG NF Lewis 13.5 River Braiding Project	\$240,700.00	\$44,550.00	\$0.00	\$44,550.00
Alternate	17	<u>17-1041</u> Pln	Lower Columbia River FEG Studebaker Creek Re-alignment Design	\$83,000.00	\$0.00	\$0.00	\$0.00
	20	<u>17-1115</u> Rst	Cowlitz Indian Tribe IMW- Erick Creek In-Stream Habitat Restoration	\$455,183.00	\$0.00	\$455,183.00	\$455,183.00
Totals:				\$4,026,500.00	\$2,035,977.00	\$3,502,800.00	\$5,538,777.00
Remaining Allocation:						\$0.00	

REGION: PUGET SOUND

Regional Allocation/Allotment: \$6,142,038.00
 Remaining: \$263.00

GREEN, DUWAMISH, AND CENTRAL PUGET SOUND WATERSHED (WRIA 9) LEAD ENTITY

Salmon Allocation
\$295,895.00

2017 December (Ranked List is in "Accepted" status) Number of Projects: 1

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1048</u>	City of Tukwila	\$295,895.00	\$52,217.00	\$295,895.00	\$348,112.00
		<u>Rst</u>	Riverton Creek Flapgate Removal II				
Totals:				\$295,895.00	\$52,217.00	\$295,895.00	\$348,112.00
Remaining Allocation:						\$0.00	

ISLAND COUNTY LEAD ENTITY

Salmon Allocation
\$217,645.00

2017 December (Ranked List is in "Accepted" status) Number of Projects: 4

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1063</u>	Whidbey Camano Land Trust	\$49,300.00	\$8,700.00	\$49,300.00	\$58,000.00
		<u>Pln</u>	Nearshore Acquisition Strategy Development				
	2	<u>17-1062</u>	Whidbey Camano Land Trust	\$31,500.00	\$6,500.00	\$31,500.00	\$38,000.00
		<u>Acq</u>	Dugualla Bay Tidelands Acquisition				
	3	<u>17-1064</u>	NW Straits Marine Cons Found	\$99,049.00	\$17,480.00	\$99,049.00	\$116,529.00
		<u>Rst</u>	Sunlight Shores Shoreline Bulkhead Removal				
	4	<u>17-1140</u>	Greenbank Beach and Boat Club	\$100,000.00	\$0.00	\$37,796.00	\$100,000.00
		<u>Pln</u>	Greenbank Marsh Restoration Design				
Totals:				\$279,849.00	\$32,680.00	\$217,645.00	\$312,529.00
Remaining Allocation:						\$0.00	

Project 17-1140 Note

The \$62,204 shortfall will be covered by 17-19 PSAR. The Maylor Pt Project (16-1307) from the 2016 list received other funding which made \$201,941 available for reallocation.

LAKE WASHINGTON/CEDAR/SAMMAMISH WATERSHED (WRIA 8) LEAD ENTITY

Salmon Allocation ***

2017 December (Ranked List is in "Accepted" status) Number of Projects: 2

\$724,005.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
Partial	1	17-1040 Acq	Seattle Public Utilities Royal Arch Reach Protection	\$800,000.00	\$808,200.00	\$541,360.00	\$1,349,560.00
Partial	2	17-1074 Pln	Mountains to Sound Greenway Issaquah Creek In-Stream Restoration	\$183,300.00	\$72,145.00	\$182,645.00	\$254,790.00
Totals:				\$983,300.00	\$880,345.00	\$724,005.00	\$1,604,350.00
Remaining Allocation:				\$0.00			

Project 17-1040 Note This project is being recommended for full funding using \$258,640 in 2015 - 2017 returned PSAR funds.

Project 17-1074 Note Project is recommended to receive the balance of funding available, which almost fulfills the request.

*** Snohomish transferred \$56,000 of their allocation to WRIA 8. Pierce transferred \$176,294 of their allocation to WRIA 8.

NISQUALLY RIVER SALMON RECOVERY LEAD ENTITY

Salmon Allocation

2017 December (Ranked List is in "Accepted" status) Number of Projects: 7

\$376,749.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
Partial	1	16-1451 Acq	Nisqually Land Trust Wilcox Reach - Small Lots Acquisition	\$272,394.00	\$50,000.00	\$91,411.00	\$141,411.00
Alternate	2	16-1453 Acq,Rest	Nisqually Land Trust Middle Ohop Protection Phase III	\$386,469.00	\$70,308.00	\$0.00	\$70,308.00
	3	17-1081 Rst	Pierce Co Conservation Dist Nisqually River Knotweed #6	\$62,110.00	\$11,628.00	\$62,110.00	\$73,738.00
Partial	4	17-1086 Acq	Nisqually Land Trust Busy Wild Creek Protection Phase II	\$300,004.00	\$53,000.00	\$223,228.00	\$276,228.00
Alternate	5	17-1100 Acq,Rest	Nisqually Land Trust Middle Ohop Protection Phase II copy	\$216,877.00	\$38,900.00	\$0.00	\$38,900.00
Alternate	6	17-1087 Pln	Nisqually Land Trust Lower Ohop Acquisition for Restoration Design	\$25,169.00	\$4,454.00	\$0.00	\$4,454.00
Alternate	7	17-1085 Pln	South Puget Sound SEG Nisqually Tributaries Habitat Assessment	\$92,650.00	\$16,350.00	\$0.00	\$16,350.00
Totals:				\$1,355,673.00	\$244,640.00	\$376,749.00	\$621,389.00
Remaining Allocation:				\$0.00			

Project 16-1451 Note Project partially funded by PSAR 17-19 in the amount of \$180,983. 2017 SRFB funding in the amount of \$91,411 will fully fund this project.

Project 16-1453 Note Project to be fully funded by 2017-19 PSAR funding. However, in the event that there is no 2017-2019 PSAR funding, this project will be fully funded through the 2017 SRFB funding and the projects ranked below this project will not be funded.

Project 17-1086 Note This project is scalable and is able to receive partial funding, purchasing as many acres as funding allows.

NORTH OLYMPIC PENINSULA LEAD ENTITY FOR SALMON

Salmon Allocation ***

2017 December (Ranked List is in "Accepted" status) Number of Projects: 4

\$444,535.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
Partial	3	16-1529 Acq	North Olympic Land Trust Upper Elwha River Protection	\$284,822.00	\$50,263.00	\$13,581.00	\$63,844.00
	4	17-1344 Pln	North Olympic Salmon Coalition Lower Hoko River Restoration Planning 2017	\$188,561.00	\$0.00	\$188,561.00	\$188,561.00
Partial	5	15-1061 Rst	Lower Elwha Klallam Tribe Pysht River Floodplain Restoration: Phase III	\$635,939.00	\$281,000.00	\$113,000.00	\$394,000.00
Partial	6	17-1345 Acq	North Olympic Land Trust Lower Elwha River Protection 2017	\$643,077.00	\$113,485.00	\$129,393.00	\$342,878.00
Totals:				\$1,752,399.00	\$444,748.00	\$444,535.00	\$889,283.00
Remaining Allocation:				\$0.00			

Project 16-1529 Note Project was partially funded by 17-19 PSAR in the amount of \$271,241. 2017 SRFB will fully fund the project.

Project 15-1061 Note This is a cost increase.

Project 17-1345 Note This project will also have an additional additional \$100,000 in PSAR funding from Island County LE which North Olympic will repay with 2019 PSAR funds.

***NOPL transferred \$202,571 of their allocation to San Juan.

PIERCE COUNTY LEAD ENTITY

2017 December (Ranked List is in "Accepted" status) Number of Projects: 2

Salmon Allocation ***

\$331,713.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
Partial	1	<u>16-1545</u> <u>Pln</u>	Pierce County Planning Carbon Bridge ST Setback Feasibility Report	\$215,050.00	\$37,950.00	\$149,837.00	\$187,787.00
	2	<u>17-1355</u> <u>Acq</u>	Pierce County Planning Alward Rd. Acquisition Phase 3	\$181,613.00	\$32,050.00	\$181,613.00	\$213,663.00
Totals:				\$396,663.00	\$70,000.00	\$331,450.00	\$401,450.00
Remaining Allocation:						\$263.00	

Project 16-1545 Note Project was partially funded with 17-19 PSAR in the amount of \$65,213. 2017 SRFB will fully fund the project.

*** Pierce transferred \$76,294 of their allocation to WRIA 8.

SAN JUAN COUNTY SALMON RECOVERY LEAD ENTITY

2017 December (Ranked List is in "Accepted" status) Number of Projects: 2

Salmon Allocation ***

\$480,316.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1143</u> <u>Rst</u>	Friends of the San Juans Mud Bay Salt Marsh Restoration Sucia Island	\$404,531.00	\$71,388.00	\$404,531.00	\$475,919.00
	2	<u>17-1163</u> <u>Mon</u>	KWIAHT Early Pacific Sandlance Life History & Survival	\$75,785.00	\$57,645.00	\$75,785.00	\$133,430.00
Totals:				\$480,316.00	\$129,033.00	\$480,316.00	\$609,349.00
Remaining Allocation:						\$0.00	

*** NOPLE transferred \$202,574 of their allocation to San Juan.

SKAGIT WATERSHED COUNCIL LEAD ENTITY

2017 December (Ranked List is in "Accepted" status) Number of Projects: 6

Salmon Allocation

\$1,120,676.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1159</u> <u>Pln</u>	Dept of Fish & Wildlife IMW - Deepwater Slough Ph 2: Alternatives Analysis	\$177,894.00	\$31,393.00	\$177,894.00	\$209,287.00
	2	<u>17-1154</u> <u>Pln</u>	Skagit Fish Enhancement Group IMW - Skagit Forks Final Design and Permitting	\$159,263.00	\$0.00	\$159,263.00	\$159,263.00
	3	<u>17-1156</u> <u>Rst</u>	Skagit Fish Enhancement Group 2017 Skagit Riparian Stewardship	\$107,467.00	\$19,171.00	\$107,467.00	\$126,638.00
	4	<u>17-1155</u> <u>Pln</u>	Skagit Fish Enhancement Group Carey Slough - Fish Passage Final Design	\$199,707.00	\$0.00	\$199,707.00	\$199,707.00
	5	<u>17-1160</u> <u>Rst</u>	Skagit County Public Works Martin Ranch Road Culvert Fish Passage	\$221,000.00	\$39,000.00	\$221,000.00	\$260,000.00
Partial		<u>16-1651</u> <u>Rst</u>	Skagit County Public Works Hansen Creek Reach 5 Restoration	\$3,874,899.00	\$581,235.00	\$255,345.00	\$836,580.00
Totals:				\$4,546,576.00	\$739,195.00	\$1,120,676.00	\$5,285,771.00
Remaining Allocation:						\$0.00	

Project 16-1651 Note Project was partially funded with 17-19 PSAR in the amount of \$2,303,901. Adding \$255,345 of SRFB funds to the project will bring the total RCO grant amount to \$2,599,481. There still remains a shortfall of \$684,183.

SNOHOMISH BASIN LEAD ENTITY

2017 December (Ranked List is in "Accepted" status) Number of Projects: 5

Salmon Allocation ***

\$355,397.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1153</u> <u>Pln</u>	Tulalip Tribe Pilchuck Dam Removal Restoration Designs Project	\$188,870.00	\$33,534.00	\$188,870.00	\$222,404.00
Partial	2	<u>16-1608</u> <u>Rst</u>	Snohomish County Woods Creek Culvert Replacements Cooperative	\$363,000.00	\$527,500.00	\$24,408.00	\$551,908.00
Partial	3	<u>14-1226</u> <u>Rst</u>	Sound Salmon Solutions Cherry Creek Restoration-Ph I	\$326,360.00	\$70,000.00	\$142,119.00	\$212,119.00
Alternate	4	<u>17-1269</u> <u>Acq</u>	Forterra Wallace-May Nexus CE Acquisition	\$90,227.00	\$36,500.00	\$0.00	\$36,500.00
Alternate	5	<u>17-1238</u> <u>Pln</u>	Snohomish Conservation Dist Woods Creek Culvert Cooperative Design (Phase II)	\$86,900.00	\$0.00	\$0.00	\$0.00
Totals:				\$1,055,357.00	\$667,534.00	\$355,397.00	\$1,022,931.00
Remaining Allocation:						\$0.00	

Project 16-1608 Note 2017 SRFB funds to be combined with 17-19 PSAR funds to fully fund project for a total of \$363,000

*** Snohomish transferred \$156,000 of their allocation to WRIA 8.

STILLAGUAMISH RIVER SALMON RECOVERY CO-LEAD ENTITY

2017 December (Ranked List is in "Accepted" status) Number of Projects: 2

Salmon Allocation

\$499,070.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1124</u> <u>Acq,Rest</u>	Stillaguamish Tribe of Indians Continued Stillaguamish Floodplain Acquisitions	\$412,470.00	\$77,000.00	\$412,470.00	\$489,470.00
	2	<u>17-1107</u> <u>Pln</u>	Sound Salmon Solutions Grant Creek Construction Designs	\$86,600.00	\$0.00	\$86,600.00	\$86,600.00
Totals:				\$499,070.00	\$77,000.00	\$499,070.00	\$576,070.00
Remaining Allocation:						\$0.00	

WEST SOUND WATERSHEDS COUNCIL LEAD ENTITY

2017 December (Ranked List is in "Accepted" status) Number of Projects: 8

Salmon Allocation

\$266,339.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
Partial	1	<u>16-1589</u> <u>Acq</u>	Great Peninsula Conservancy East Fork Rocky Creek Acquisition	\$455,000.00	\$81,000.00	\$16,677.00	\$97,677.00
	2	<u>17-1032</u> <u>Pln</u>	Mid-Puget Sound Fish Enh Grp PNP Restoration Reconnection Feasibility Study	\$59,212.00	\$10,450.00	\$59,212.00	\$69,662.00
	3	<u>17-1045</u> <u>Rst</u>	Kitsap County Kitsap Shoreline Armor Removal	\$20,000.00	\$5,000.00	\$20,000.00	\$25,000.00
	4	<u>17-1035</u> <u>Pln</u>	Great Peninsula Conservancy Ross Creek Estuary Acquisition Feasibility	\$17,000.00	\$0.00	\$17,000.00	\$17,000.00
	5	<u>17-1046</u> <u>Pln</u>	Kitsap Conservation District Fleming Fish Passage and Restoration Feasibility	\$88,450.00	\$2,000.00	\$88,450.00	\$90,450.00
	6	<u>17-1072</u> <u>Pln</u>	Mountaineers Foundation Chico Creek Confluence Restoration Design	\$65,000.00	\$17,000.00	\$65,000.00	\$82,000.00
Alternate	7	<u>17-1036</u> <u>Acq,Rest</u>	Bainbridge Island Land Trust Little Manzanita 1 Protection and Restoration	\$372,500.00	\$124,400.00	\$0.00	\$124,400.00
Alternate	8	<u>17-1038</u> <u>Acq,Rest</u>	Bainbridge Island Land Trust Little Manzanita 2 Protection and Restoration	\$382,500.00	\$127,490.00	\$0.00	\$127,490.00
Totals:				\$1,459,662.00	\$367,340.00	\$266,339.00	\$633,679.00
Remaining Allocation:						\$0.00	

Project 16-1589 Note This project received \$43,981 of 17-19 PSAR funds. Project scope will be reduced to available funding.

WRIA 1 WATERSHED MANAGEMENT BOARD

2017 December (Ranked List is in "Accepted" status) Number of Projects: 4

Salmon Allocation

\$643,103.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1260</u> Pln	Nooksack Indian Tribe NF Nooksack (Xwqélém) Farmhouse Ph 4 Design	\$120,430.00	\$0.00	\$120,430.00	\$120,430.00
	2	<u>17-1253</u> Pln	Lummi Nation SF Cavanaugh-Fobes Phase 2 Restoration Design	\$101,709.00	\$0.00	\$101,709.00	\$101,709.00
	3	<u>17-1261</u> Rst	Lummi Nation MF Porter Creek Reach Ph 4 In-Stream Restoration	\$420,964.00	\$230,309.00	\$420,964.00	\$651,273.00
Alternate	4	<u>17-1251</u> Pln	Nooksack Indian Tribe SF Nooksack (Nuxw7iyem) Homesteader Reach Design	\$126,099.00	\$0.00	\$0.00	\$0.00
Totals:				\$769,202.00	\$230,309.00	\$643,103.00	\$873,412.00
Remaining Allocation:						\$0.00	

WRIA 13 SALMON HABITAT RECOVERY COMMITTEE LEAD ENTITY

2017 December (Ranked List is in "Accepted" status) Number of Projects: 4

Salmon Allocation

\$176,039.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1245</u> Acq	Capitol Land Trust Middle Deschutes Habitat Acquisition, phase 1	\$150,000.00	\$400,000.00	\$150,000.00	\$550,000.00
Partial	2	<u>17-1246</u> Rst	South Puget Sound SEG Butler Cove Estuary Design & Restoration	\$57,460.00	\$10,140.00	\$26,039.00	\$36,179.00
Alternate	3	<u>17-1247</u> Pln	Capitol Land Trust Shermer-Deschutes Restoration Design	\$39,991.00	\$0.00	\$0.00	\$0.00
Alternate	4	<u>17-1248</u> Pln	South Puget Sound SEG Spurgeon Creek Headwaters Restoration Design	\$35,000.00	\$0.00	\$0.00	\$0.00
Totals:				\$282,451.00	\$410,140.00	\$176,039.00	\$586,179.00
Remaining Allocation:						\$0.00	

Project 17-1246 Note

This project is able to move forward with the reduced amount, but the entire project was on the 2016 PSAR list and will likely be funded when the 2017-19 capital budget is passed.

WRIA 14 SALMON HABITAT RECOVERY COMMITTEE LEAD ENTITY

2017 December (Ranked List is in "Accepted" status) Number of Projects: 5

Salmon Allocation

\$210,556.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1138</u> Pln	South Puget Sound SEG Fish Passage Inventory WRIA 14	\$80,158.00	\$15,000.00	\$80,158.00	\$95,158.00
	2	<u>17-1135</u> Acq	Great Peninsula Conservancy McLane Cove Shoreline & Estuary Protection Project	\$93,000.00	\$17,000.00	\$93,000.00	\$110,000.00
Partial	3	<u>17-1134</u> Rst	Mason Conservation Dist WRIA 14 Riparian Restoration	\$68,615.00	\$13,000.00	\$37,398.00	\$50,398.00
Alternate	4	<u>17-1094</u> Pln	Capitol Land Trust WRIA 14 Habitat Acq Project Assessment	\$22,665.00	\$4,000.00	\$0.00	\$4,000.00
Alternate	5	<u>17-1133</u> Rst	South Puget Sound SEG Madrona Beach Nearshore Restoration	\$87,000.00	\$25,000.00	\$0.00	\$25,000.00
Totals:				\$351,438.00	\$74,000.00	\$210,556.00	\$284,556.00
Remaining Allocation:						\$0.00	

Project 17-1134 Note

This project is receiving partial funding and sponsor will only complete a portion of the approved project scope.

REGION: SNAKE RIVER

Regional Allocation/Allotment: \$1,519,200.00
 Remaining: \$0.00

SNAKE RIVER SALMON RECOVERY BOARD LEAD ENTITY

Salmon Allocation
\$1,519,200.00

2017 December (Ranked List is in "Accepted" status) Number of Projects: 8

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1304</u> <u>Mon</u>	Asotin Co Conservation Dist Asotin IMW Monitoring 2017	\$150,110.00	\$26,890.00	\$150,110.00	\$177,000.00
	3	<u>17-1305</u> <u>Rst</u>	Tri-State Steelheaders Inc Mill Creek Passage – Park to Otis	\$826,097.00	\$150,000.00	\$826,097.00	\$976,097.00
	4	<u>17-1299</u> <u>Rst</u>	Pomeroy Conservation Dist Alpowa Creek Instream PALS – Phase II	\$83,300.00	\$14,700.00	\$83,300.00	\$98,000.00
	5	<u>17-1302</u> <u>Rst</u>	Pomeroy Conservation Dist Restoring Native Riparian on Pataha Creek	\$22,000.00	\$6,000.00	\$22,000.00	\$28,000.00
	6	<u>17-1301</u> <u>Pln</u>	Columbia Conservation Dist Touchet R Conceptual Restoration Plan	\$211,153.00	\$37,290.00	\$211,153.00	\$248,443.00
Partial	7	<u>17-1267</u> <u>Rst</u>	Tri-State Steelheaders Inc Bridge to Bridge Restoration Phase 2-	\$430,461.00	\$80,000.00	\$226,540.00	\$306,540.00
Alternate	8	<u>17-1303</u> <u>Pln</u>	Dept of Fish & Wildlife Tucannon salmonid survival & habitat utilization 2	\$218,958.00	\$55,000.00	\$0.00	\$55,000.00
Alternate	9	<u>17-1306</u> <u>Pln</u>	Tri-State Steelheaders Inc Mill Creek Passage - Segment E1 Design	\$79,294.00	\$0.00	\$0.00	\$0.00
Totals:				\$2,021,373.00	\$369,880.00	\$1,519,200.00	\$1,889,080.00
Remaining Allocation:						\$0.00	

REGION: UPPER COLUMBIA

Regional Allocation/Allotment: \$1,855,800.00
 Remaining: \$0.00

UPPER COLUMBIA SALMON RECOVERY BOARD LEAD ENTITY

2017 December (Ranked List is in "Accepted" status) Number of Projects: 17

Salmon Allocation
 \$1,855,800.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1191</u> Rst	Washington Water Trust Icicle Creek Instream Flow Restoration	\$495,000.00	\$1,500,000.00	\$495,000.00	\$1,995,000.00
	2	<u>17-1180</u> Acq	Methow Salmon Recovery Found M2 Mid-Sugar Acquisition	\$247,576.00	\$43,690.00	\$247,576.00	\$291,266.00
	3	<u>17-1192</u> Rst	Trout Unlimited Inc. Clear Creek Fish Passage Restoration	\$28,094.00	\$19,080.00	\$28,094.00	\$47,174.00
	4	<u>17-1203</u> Pln	Chelan Co Natural Resource Wenatchee LIDAR Watershed Assessment	\$238,964.00	\$118,760.00	\$238,964.00	\$357,724.00
	5	<u>17-1226</u> Pln	Methow Salmon Recovery Found Methow Bull Trout Population Assessment	\$89,873.00	\$18,159.00	\$89,873.00	\$108,032.00
	6	<u>17-1230</u> Pln	Cascade Col Fish Enhance Group Methow Basin Barrier & Diversion Assessment	\$150,150.00	\$56,500.00	\$150,150.00	\$206,650.00
	7	<u>17-1243</u> Pln	Chelan Co Natural Resource Nason Creek - Kahler Reach Preliminary Design	\$148,165.00	\$0.00	\$148,165.00	\$148,165.00
	8	<u>17-1241</u> Pln	Chelan Co Natural Resource Thermal Refuge Assessment in Upper Columbia	\$55,992.00	\$13,998.00	\$55,992.00	\$69,990.00
	9	<u>17-1195</u> Rst	Trout Unlimited Inc. Wenatchee-Entiat Beaver Restoration	\$85,802.00	\$135,850.00	\$85,802.00	\$221,652.00
	10	<u>17-1242</u> Rst	Chelan Co Natural Resource Nason Creek Roads De-Commissioning	\$217,182.00	\$38,500.00	\$217,182.00	\$255,682.00
	11	<u>17-1228</u> Rst	Cascade Col Fish Enhance Group Lower Derby Creek Fish Passage	\$32,000.00	\$148,000.00	\$32,000.00	\$180,000.00
Alternate	12	<u>17-1229</u> Rst	Cascade Col Fish Enhance Group Stormy Preserve Restoring Wood Recruitment	\$246,700.00	\$86,000.00	\$0.00	\$86,000.00
	13	<u>17-1231</u> Pln	Cascade Col Fish Enhance Group Piscine Passage Design for Minnow & Brush Creeks	\$67,002.00	\$95,498.00	\$67,002.00	\$162,500.00
Alternate	14	<u>17-1202</u> Pln	Chelan Co Natural Resource Sleepy Hollow Side Channel Feasibility Study	\$52,661.00	\$9,313.00	\$0.00	\$9,313.00
Alternate	15	<u>17-1204</u> Pln	Chelan Co Natural Resource Icicle-Wenatchee Confluence Side Channel Design	\$152,085.00	\$0.00	\$0.00	\$0.00
Alternate	17	<u>17-1207</u> Pln	Chelan Co Natural Resource Icicle Creek RM 0.3-1.1 Habitat Design	\$77,227.00	\$13,629.00	\$0.00	\$13,629.00
Alternate	18	<u>17-1200</u> Rst	Chelan Co Natural Resource Tillicum Creek Fish Passage Barrier Removal	\$405,840.00	\$122,000.00	\$0.00	\$122,000.00
Totals:				\$2,790,313.00	\$2,418,977.00	\$1,855,800.00	\$4,274,777.00
Remaining Allocation:						\$0.00	

REGION: COASTAL

Regional Allocation/Allotment: \$1,722,600.00
 Remaining: \$0.00

CHEHALIS BASIN LEAD ENTITY

2017 December (Ranked List is in "Accepted" status) Number of Projects: 11

Salmon Allocation
\$738,792.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1184</u> <i>Pln</i>	Chehalis Basin FTF Bush Creek Barrier Correction Design	\$63,500.00	\$0.00	\$63,500.00	\$63,500.00
	2	<u>17-1125</u> <i>Pln</i>	Capitol Land Trust CLT Landowner Willingness Assessment	\$17,000.00	\$3,000.00	\$17,000.00	\$20,000.00
	3	<u>17-1126</u> <i>Pln</i>	Lewis County Conservation Dist Lucas Creek Tributaries Designs	\$60,776.00	\$0.00	\$60,776.00	\$60,776.00
	4	<u>17-1098</u> <i>Acq</i>	Capitol Land Trust Black River Conservation Initiative – Wilson CE	\$50,074.00	\$22,500.00	\$50,074.00	\$72,574.00
	5	<u>17-1221</u> <i>Rst</i>	Lewis County Conservation Dist Newaukum Trio	\$96,572.00	\$100,000.00	\$96,572.00	\$196,572.00
	6	<u>17-1157</u> <i>Rst</i>	Lewis County Public Works Unnamed Tributary to Stearns Creek Barrier Removal	\$187,973.00	\$188,500.00	\$187,973.00	\$376,473.00
	7	<u>17-1148</u> <i>Pln</i>	Lewis County Public Works Berwick Creek Barrier Removal and Realignment	\$55,750.00	\$55,750.00	\$55,750.00	\$111,500.00
	8	<u>17-1076</u> <i>Acq</i>	Capitol Land Trust Holm Farm Phase 1 Acquisition Thurston County	\$207,147.00	\$63,805.00	\$207,147.00	\$270,952.00
Alternate	9	<u>17-1185</u> <i>Rst</i>	Center for Natural Lands Mgmt Cloquallam Creek Knotweed Control Project	\$57,771.00	\$10,278.00	\$0.00	\$10,278.00
Alternate	10	<u>17-1149</u> <i>Pln</i>	Port of Chehalis Lower Reach Berwick Creek Barrier Removals	\$80,000.00	\$0.00	\$0.00	\$0.00
Alternate	11	<u>17-1147</u> <i>Rst</i>	Grays Harbor Conservation Dist Sylvia Creek Tributary Fish Passage	\$89,760.00	\$93,240.00	\$0.00	\$93,240.00
Totals:				\$966,323.00	\$537,073.00	\$738,792.00	\$1,275,865.00
Remaining Allocation:						\$0.00	

NORTH PACIFIC COAST LEAD ENTITY

2017 December (Ranked List is in "Accepted" status) Number of Projects: 2

Salmon Allocation
\$272,004.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1103</u> <i>Pln</i>	Clallam Conservation Dist Sitkum FS Road 2900 Stream Crossing Designs	\$59,345.00	\$0.00	\$59,345.00	\$59,345.00
	2	<u>17-1234</u> <i>Rst</i>	Pacific Coast Salmon Coalition Goodman Creek LWD placement	\$212,659.00	\$37,529.00	\$212,659.00	\$250,188.00
Totals:				\$272,004.00	\$37,529.00	\$272,004.00	\$309,533.00
Remaining Allocation:						\$0.00	

PACIFIC COUNTY LEAD ENTITY

2017 December (Ranked List is in "Accepted" status) Number of Projects: 5

Salmon Allocation

\$460,334.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1254</u> Pln	Pacific Conservation Dist Willapa Bay Watershed Culvert Inventory	\$135,950.00	\$23,998.00	\$135,950.00	\$159,948.00
	2	<u>17-1187</u> Rst	Grays Harbor Conservation Dist WEYCO Little North River Tributary	\$92,500.00	\$96,000.00	\$92,500.00	\$188,500.00
	3	<u>17-1186</u> Pln	Pacific Conservation Dist Salmon Creek Riparian Restoration Design	\$52,178.00	\$0.00	\$52,178.00	\$52,178.00
	4	<u>17-1237</u> Rst	The Nature Conservancy Ellsworth Cr Coastal Riparian Habitat-Hydrology	\$103,265.00	\$18,310.00	\$103,265.00	\$121,575.00
Partial	5	<u>17-1188</u> Rst	Grays Harbor Conservation Dist Fir Creek Fish Barrier Correction	\$95,000.00	\$96,000.00	\$76,441.00	\$172,441.00
Totals:				\$478,893.00	\$234,308.00	\$460,334.00	\$694,642.00
Remaining Allocation:						\$0.00	

QUINULT INDIAN NATION LEAD ENTITY

2017 December (Ranked List is in "Accepted" status) Number of Projects: 3

Salmon Allocation

\$251,470.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1104</u> Rst	Trout Unlimited - WA Coast Ziegler Creek Norwood Road Crossing Abandonment	\$36,470.00	\$10,786.00	\$36,470.00	\$47,256.00
	2	<u>17-1117</u> Rst	Quinault Indian Nation Camp 7 Road - Fish Barrier Removal (Site 4)	\$65,000.00	\$228,940.00	\$65,000.00	\$293,940.00
	3	<u>17-1089</u> Rst	Quinault Indian Nation Lower Quinault Invasive Plant Control (Phase 6)	\$150,000.00	\$26,473.00	\$150,000.00	\$176,473.00
Totals:				\$251,470.00	\$266,199.00	\$251,470.00	\$517,669.00
Remaining Allocation:						\$0.00	

REGION: MID COLUMBIA

Regional Allocation/Allotment:

\$1,688,400.00

Remaining:

\$0

KLICKITAT COUNTY LEAD ENTITY

2017 December (Ranked List is in "Accepted" status) Number of Projects: 3

Salmon Allocation ***

\$598,787.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	2	<u>17-1275</u> Acq	Columbia Land Trust Klickitat Canyon Bridge Acquisition	\$344,768.00	\$60,900.00	\$344,768.00	\$405,668.00
Alternate	3	<u>17-1291</u> Rst	Eastern Klickitat CD Rock Creek Watershed Steelhead Habitat Enhancement	\$249,342.00	\$60,000.00	\$0.00	\$60,000.00
Alternate	4	<u>17-1293</u> Rst	Yakama Nation Tepee Creek Meadows Restoration - Phase 3	\$125,000.00	\$40,000.00	\$0.00	\$40,000.00
Totals:				\$719,110.00	\$160,900.00	\$344,768.00	\$505,668.00
Remaining Allocation:						\$254,019.00	

*** Mid-Columbia Region gave Klickitat \$501,587. Lower Columbia gave Klickitat \$97,200.

YAKIMA BASIN FISH AND WILDLIFE RECOVERY BOARD LEAD ENTITY

2017 December (Ranked List is in "Accepted" status) Number of Projects: 10

Salmon Allocation
\$1,186,813.00

Alternate or Partial	Rank	Project Number, Project Type	Project Sponsor, Project Name	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Funding
	1	<u>17-1169</u> Rst	Mid-Columbia RFEG Crow and Quartz Creek Instream LWR	\$96,694.00	\$17,150.00	\$96,694.00	\$113,844.00
	2	<u>17-1177</u> Rst	Mid-Columbia RFEG North Fork Teanaway Large Wood Trapping	\$394,000.00	\$73,450.00	\$394,000.00	\$467,450.00
	3	<u>17-1239</u> Rst	Mid-Columbia RFEG Swauk Cr Floodplain Reconnection	\$85,000.00	\$15,000.00	\$85,000.00	\$100,000.00
	4	<u>17-1224</u> Rst	North Yakima Conserv Dist Ahtanum Creek Fish Screen and Habitat Enhancement	\$228,000.00	\$45,000.00	\$228,000.00	\$273,000.00
	5	<u>17-1173</u> Rst	Mid-Columbia RFEG Yakima Basin Stewardship	\$219,101.00	\$38,940.00	\$219,101.00	\$258,041.00
Partial	6	<u>17-1179</u> Rst	Mid-Columbia RFEG Yakima River Side Channel at Bull Canal Diversion	\$191,000.00	\$34,636.00	\$164,018.00	\$198,654.00
Alternate	7	<u>17-1225</u> Rst	Kittitas Co Conservation Dist Cooke Creek Screening and Passage	\$377,795.00	\$305,319.00	\$0.00	\$305,319.00
Alternate	8	<u>17-1176</u> Acq	Kittitas Conservation Trust Tillman Creek Acquisition	\$127,138.00	\$22,636.00	\$0.00	\$22,636.00
Alternate	9	<u>17-1175</u> Pln	Kittitas Co Conservation Dist Thorp Mill Ditch Assessment	\$84,990.00	\$15,000.00	\$0.00	\$15,000.00
Alternate	11	<u>17-1171</u> Rst	Kittitas Conservation Trust Box Canyon Creek LWR	\$206,507.00	\$37,000.00	\$0.00	\$37,000.00
Totals:				\$2,010,225.00	\$604,131.00	\$1,186,813.00	\$1,790,944.00
Remaining Allocation:						\$0.00	