



Salmon Recovery Grant Funding Report

December 2019

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Cover photograph by Alice Rubin

Part 1: 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 nearly 3,000 projects statewide, all aimed at bringing salmon back from the brink of extinction.

This report presents information on the process used to review the 2019 applications and develop funding recommendations for the SRFB to consider at its December 12, 2019 meeting in Olympia.

Overview of Funding

Funding for salmon grants in 2019 comes from the following sources:

- **Salmon Grant Round:** \$18 million from a combination of state capital bond funds and the Pacific Coastal Salmon Recovery Fund, a federal award to the Washington State Recreation and Conservation Office (RCO) administered by the National Oceanic and Atmospheric Administration (NOAA).
- **Targeted Investment for Delisting:** In July 2019, the SRFB allocated \$6,430,562 in state capital funding to actions that will directly contribute to delisting of middle Columbia River steelhead and Hood Canal summer chum. The board requested regions with those species (Hood Canal, Snake River, and middle Columbia River regions) provide a list of projects for the September board meeting.

In addition to the \$18 million, the SRFB set aside up to \$500,000 for unanticipated cost increases in 2019.

This year, the SRFB will approve and fund salmon grants and staff will issue contracts following the SRFB meeting.

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 for the \$18 million grant round is distributed using a regional allocation formula adopted by the board in March 2017. 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. The Puget Sound region has 15 lead entities and further allocates its funding based on a formula approved by the Puget Sound Leadership Council. The Washington Coast region has four lead entities and allocates amounts to each lead entity each year based on their project lists.

Table 1. SRFB Regional Funding Allocation Formula

Regional Salmon Recovery Organization	Regional Allocation Percent of Total	2019 Allocation Based on \$18 Million
Hood Canal Coordinating Council*	2.4%	\$432,000
Lower Columbia Fish Recovery Board**	20%	\$3,600,000
Northeast Washington	1.9%	\$342,000
Puget Sound Partnership*	38%	\$6,840,00
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. Hood Canal's allocation is 2.4%, but the Hood Canal Coordinating Council receives 10% of the Puget Sound Partnership's regional SRFB allocation for Chinook and steelhead, making Hood Canal's final allocation 6.28% and \$1,129,961 and Puget Sound's 34.12% and \$6,132,039.

**There are four projects submitted by the Klickitat County Lead Entity. Klickitat is receiving \$64,230 from the Lower Columbia Fish Recovery Board's regional allocation and \$506,520 from the Yakima Basin Fish and Wildlife Recovery Board's regional allocation.

Regional Monitoring Projects

In 2015, the SRFB approved adding monitoring as an eligible project type. By board policy, a regional salmon recovery organization may make up to 10 percent of its annual allocation available for monitoring activities, subject to the following conditions: the project must 1) be certified by the region; 2) meet a high priority data gap; and 3) be accomplished in 3 years. The project should complement ongoing monitoring efforts and be consistent or compatible with methods and protocols used throughout the state. Data collected must be available to RCO and the public. The region must explain why board funds, rather than other fund sources, are necessary to accomplish the monitoring.

RCO received three regional monitoring proposals; however one project was withdrawn. Attachment 4 shows the list of monitoring projects. The Monitoring Panel reviewed these regional monitoring proposals for eligibility and soundness before they were submitted to

the board for funding consideration.

The lead entity project lists and allocations in Attachment 6 include the proposed monitoring proposals shown in Attachment 4. The Funding Motions in Attachment A include the regional monitoring projects.

Grant Round Principles

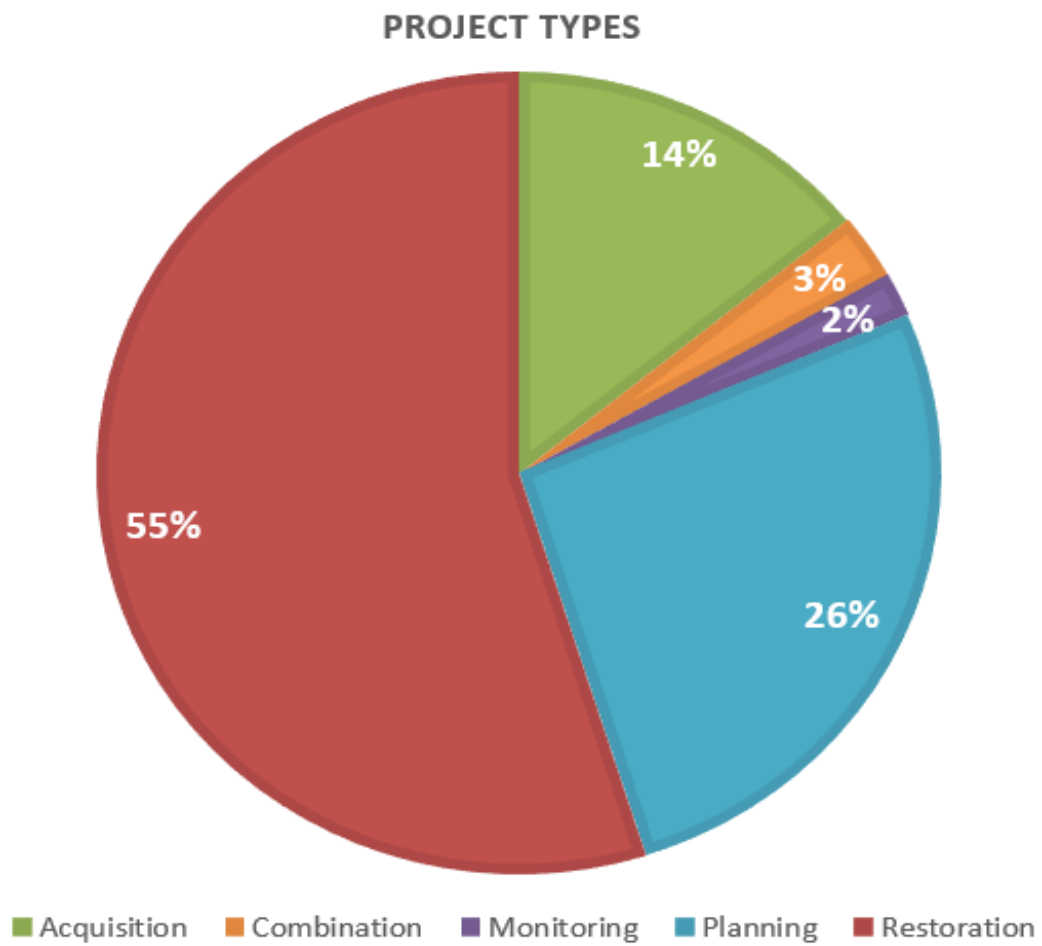
The basic elements of the regional funding allocation approach that carry over from the previous funding cycles include the following:

- 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.
- Recognition of efficiencies and flexibility where possible.

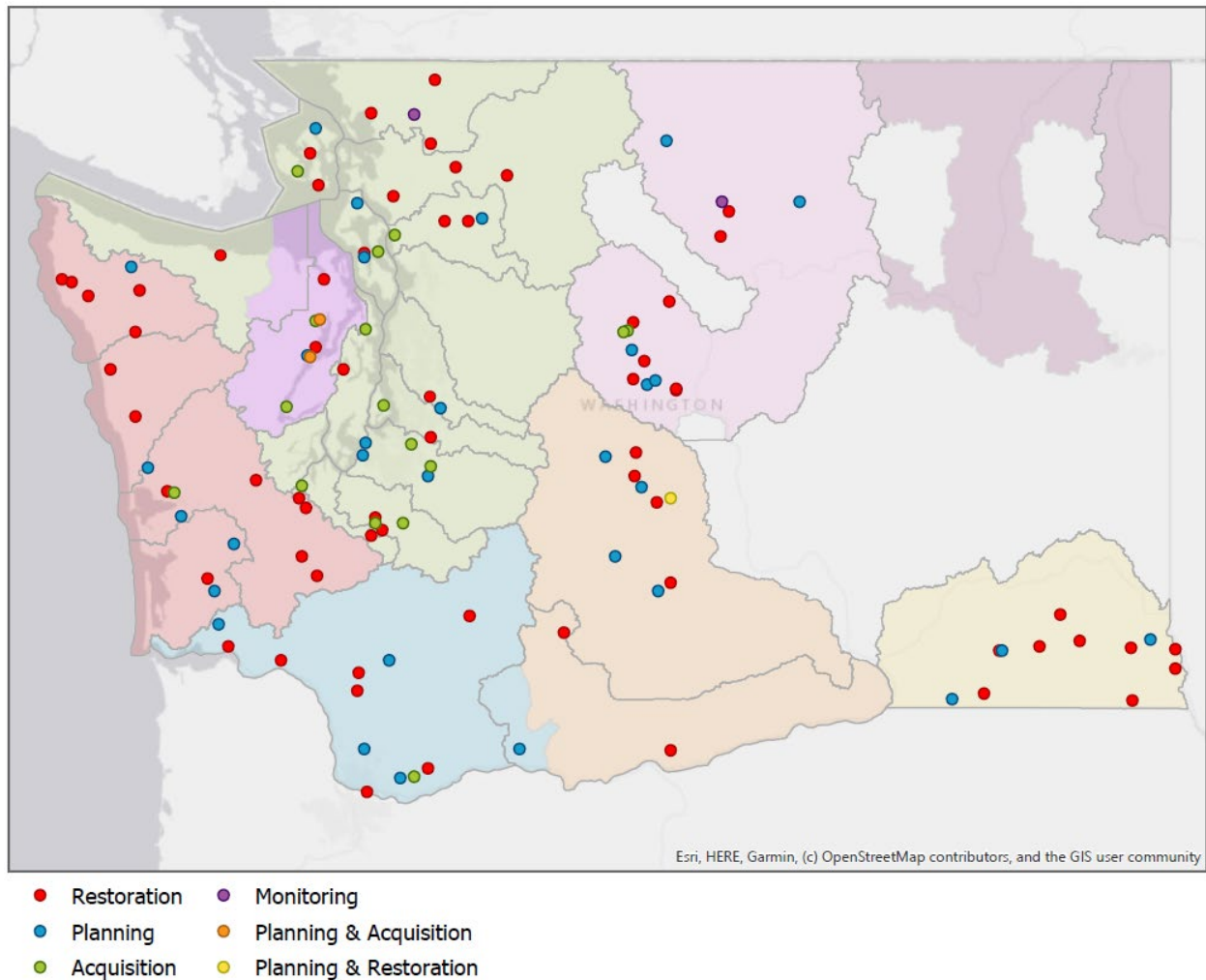
The SRFB also committed to continuing the following key principles:

- 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 NOAA’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.

Grant Applications by Project Type



Map of Applications

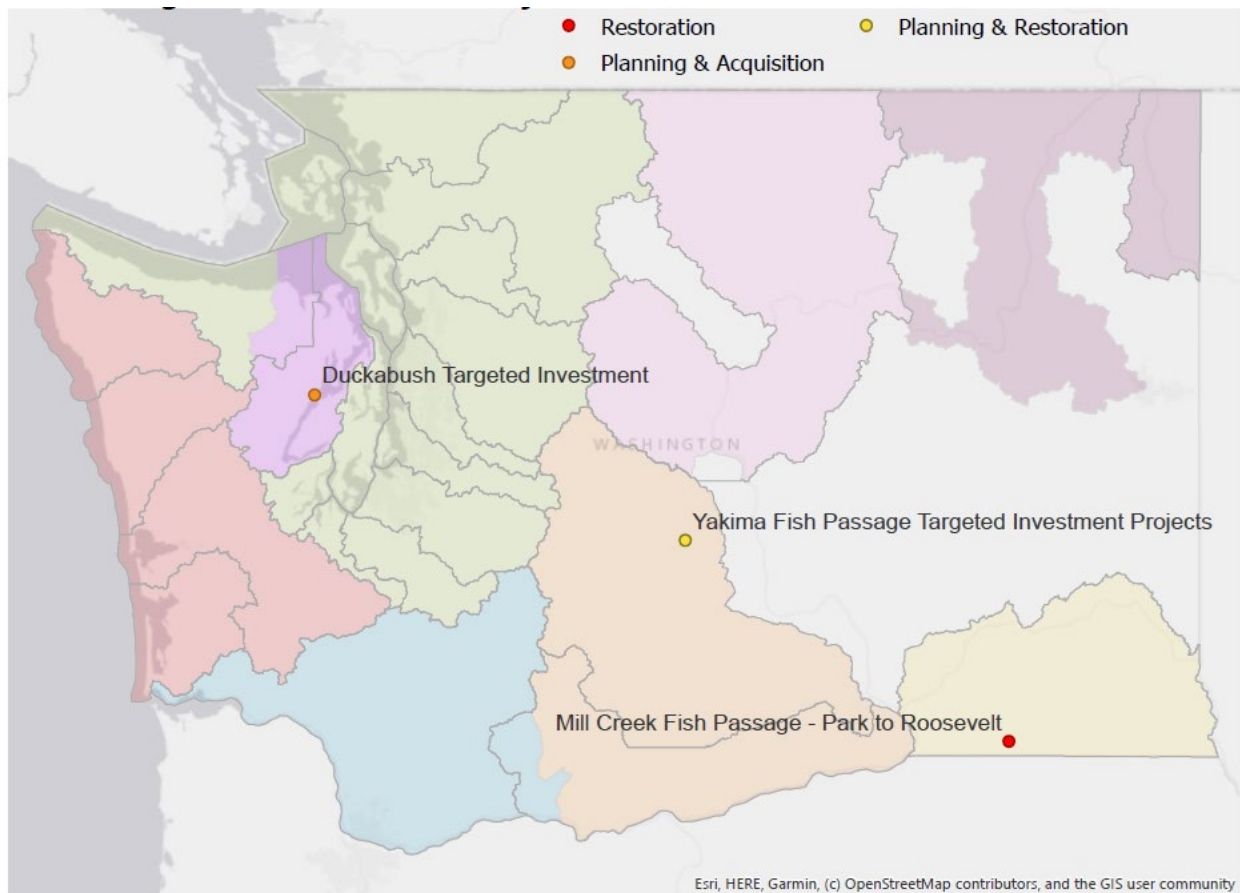


Targeted Investments

The SRFB has discussed a targeted investment strategy for several years. Regions closest to delisting species have presented to the board at several board meetings. The RCO, at the direction of the SRFB, included a list of projects in Hood Canal in its 2019-2021 budget request to the Legislature. While the Legislature increased the overall salmon recovery budget for the state, the budget did not call out specific projects.

In July 2019, the SRFB allocated up to \$6,430,562 in state capital funding to actions that directly contribute to delisting species and asked regions (Hood Canal, Snake River, and Middle Columbia River regions) nearing delisting to bring back specific lists of projects in September. At the September 2019 board meeting, the three regions brought projects to the SRFB. The SRFB allocated just more than \$6.4 million for a subset of the projects, pending lead entity support and technical review. Technical review of the projects is complete and each project has been “Conditioned” or “Cleared” by the panel. One of the projects is identified as noteworthy by the panel, the Duckabush Estuary project in Hood Canal. The list of approved targeted investment delisting projects is Attachment 5.

Targeted Investment Project Map

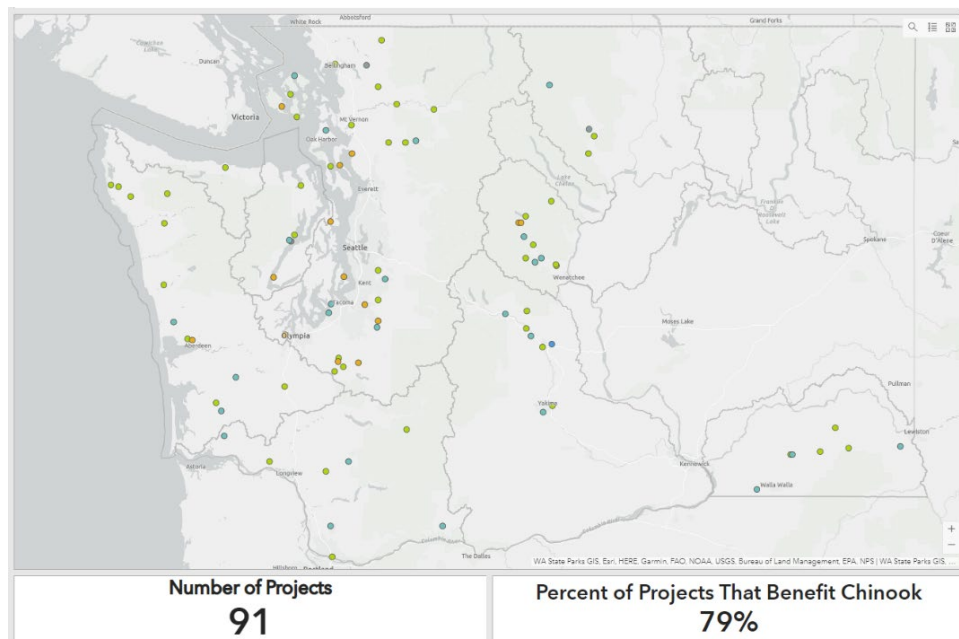


Grant Applications Benefiting Chinook

The primary purpose of the projects funded through this grant program is to increase salmon abundance or resiliency by improving one or more of the following: floodplains, estuaries, near-shore habitat, riparian habitat, fish passage, stream flow, in-stream habitat, and other key elements of salmon habitat. The grant program focuses on all species of salmon at all of their life cycles stages—several of which comprise the diet of the southern resident killer whales. While all salmon are important to these whales, their primary diet is Chinook salmon. Improving habitat is a key component or action for the survival of Chinook juvenile and adult fish in Washington rivers, estuaries, and near-shore environments. Chinook salmon are the targeted species in 79 percent of the proposed projects in the 2019 grant round. This is a similar percentage to data RCO collected for the four programs identified in the Governor’s Executive Order: SRFB, Puget Sound Acquisition and Restoration, Estuary and Salmon Recovery Program, and Washington Coast Restoration and Resiliency Initiative, which have been funding Chinook projects at about 80 percent for the past 5 years.

The map and graph below show the location and project type of those projects that targeted Chinook. It also shows the total grant funds requested for Chinook (match is shown in gray).

Grant Applications Benefiting Chinook



SRFB Decisions for December

Salmon Projects: The board will be asked to approve up to \$18 million for projects using salmon state and federal funding, including two regional monitoring projects (Attachment 7).

Regional Monitoring Projects: The regional monitoring projects are included in the Funding Motions by region. See Attachment 4 for a discreet table of regional monitoring projects. Regional monitoring projects are submitted to PRISM and reviewed by the SRFB Monitoring Panel. They have a slightly different schedule, published in Manual 18.

Targeted Investment Projects: The board will be asked to fund the three targeted investment projects in the Snake River, middle Columbia River, and Hood Canal regions in the amount of \$6,430,562. Projects are listed in Attachment 5.

All projects described in the above components have used *Manual 18, Salmon Recovery Grants* as guidance and been through the technical review process with the SRFB Review Panel.

Elements of the 2019 Grant Round

In spring 2019, sponsors submitted 141 pre-applications in PRISM, RCO's project database, for the 2019 grant cycle. Between April and June 2019, the lead entities coordinated project site visits with the SRFB Review Panel and RCO staff. The site visits were an opportunity for the SRFB Review Panel to see the project sites, learn about the project details, and provide feedback to the sponsors to improve the projects. The deadline for salmon grant applications was August 9, 2019. In total, 135 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 SRFB 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.

Ranked Lists and Funding Allocations

If a lead entity does not have enough projects to fully obligate its entire allocation, it may contribute funding to projects in other lead entities. The project which receives the contribution must be included on both lead entities' project lists (both the lead entity receiving the funding and the lead entity providing the funding). This ensures funding goes to those areas in need and responds to the yearly variations in project lists. RCO will not adjust a lead entity's allocation based on these contributions to other lead entities as has been done in the past. Instead, a lead entity must include the projects it would like to contribute funding toward on its own approved ranked list from its allocation. The board makes funding motions by region. A region may have projects on their list outside of their region, if they would like to provide all or part of their allocation to another region for project funding in any given year.

Guidance *Manual 18: Salmon Recovery Grants*

In February 2019, 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

PRISM is used by the public and the agency for applications, contracting, billing, compliance, and reporting purposes. The following outlines completed and planned improvements to the database. Improvements are made based on agency priorities and funding. Sponsor surveys and the Lean study helped to inform some of the following PRISM work.

- **Custom Agreements:** In July 2019, RCO implemented a feature that allowed PRISM to create project agreements that have been customized to the specific project. The agreement language is based on program, project type, organization type, and whether or not the provision is required for federal funding or when the project is being used as match to a federal grant. Currently working on enhancing features to allow RCO to print a whole new agreement based on amendment type.

- **Online Scoring:** In August 2019, RCO released a system to allow project evaluators to review and score grant applications electronically. The plan is for lead entities and review panel members to use this new feature.
- **Application Review and Evaluation:** The goal of this project is to automate the review and approval processes used by both the SRFB and the Recreation and Conservation Funding Board grant programs. This project will implement the Lean recommendations from both the recreation and the salmon reviews that were completed in 2017. The first part to be implemented will be the integration of the salmon project proposal into the PRISM application screens for the 2020 grant cycle.
- **Salmon Recovery Portal:** The goal of this project is to transition Salmon Recovery Portal (previously known as Habitat Work Schedule) from Dude Solutions to RCO.

Lean Study

The SRFB approved recommendations from a Lean study that examined the way projects are recruited, reviewed, and ranked. The 9-month study involved discussions with lead entities, regions, RCO staff, SRFB Review Panel members, NOAA staff, the Oregon Watershed Enhancement Board, the Transportation Improvement Board, the Department of Ecology's Floodplains by Design team, the Washington Conservation Commission, and many others.

The proposed changes, starting in the 2020 grant round, are expected to address perceptions that the process is too time consuming and too long, with too much variation among lead entities, and that the process does not support funding of the largest, most impactful projects.

The recommendations focus on the following major categories:

- Grant round redesign, including a shorter timeline with fewer feedback loops and a biennial option.
- Standardization and role clarification, including updated Washington Administrative Codes and a Manual 19 for lead entities.
- Funding policy and project prioritization, including recommendations around evaluating regional priorities, targeting investments, and improving efficiencies.

The changes will go into effect for the 2020 grant round.

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, and project development and 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 federal Pacific Coastal Salmon Recovery Fund'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; 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. First set of Review Panel Comment Forms
- Attendance at some local technical and citizen committee project evaluation and ranking processes used by lead entities and regional organizations.
- Application materials submitted by lead entities and regional organizations. Second set of Review Panel Comment Forms.
- Discussions on "Projects of Concern" with lead entities, project sponsors, and regional organizations during the regional area project meetings October 23, 2019. Third and final set of Review Panel Comment Forms.

As with past rounds, the project review process involved an effort to provide early feedback to project sponsors, lead entities, and regional organizations based on draft applications and site visits. Starting in early spring, and completed by June 30, 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, 135 final applications were submitted by August 8 for funding consideration. The review panel reviewed all final applications and responses to early comments. The panel then met September 17-18 to discuss final project proposals and responses to applications. The review panel updated project comment forms with post-application comments by September 26. 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." No further revisions were needed for those applications. 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 10. The panel reviewed additional information, responses to comments, and cleared projects if possible by October 16. 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 meeting 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. This year and last, the meetings focused specifically on "Projects of Concern" in order to be more efficient. The regional chapters of the funding report include information on regional funding process and project lists.

After the regional area project meetings, the review panel evaluated all projects by the review criteria to ensure they would benefit salmon, could be successful, or were cost-effective. Projects that did not meet one or more of these SRFB criteria were identified as "Projects of Concern." Lead entities and regional organizations received the panel determinations by October 30. Lead entities could either withdraw the projects from their project lists or include them and forward their project lists to the SRFB for funding consideration. A table of all projects grouped by region and lead entity is in Attachment 7.

"Projects of Concern"

Before the regional area meetings, there were seven "Projects of Concern." After the regional area meetings, the review panel labeled one project as "Projects of Concern" and it was withdrawn by the lead entity. All projects with any remaining issues were either "Conditioned," "Cleared," or "Withdrawn."

Table 2. Project Review History

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"
142	138	28	8	23	0

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 3. "Projects of Concern" 2004-2019

Grant Round	Eligible Projects Submitted	Draft, Flagged "Need More Information" "Project of Concern"	"Projects of Concern"				
			Before October Regional Areas Meeting		Final Report Nov. 16, 2019		
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	32%	16	8%	6	3%
2010	159	18	11%	10	6%	1	0.6%
2011	177	21	11%	27	15%	1	0.6%
2012	175	35	20%	35	20%	1	0.6%
2013	192	32	16%	15	8%	0	0
2014	185	33	17%	10	5%	2	1%
2015	181	47	25%	12	7%	1	0.5%
2016	192	47	24%	16	9%	2	1%
2017	151	46	30%	14	9%	0	0%
2018	181	49	27%	21	12%	2	1%
2019	136	31	22%	8	5%	0	0%

The 2019 SRFB policies governing a "Project of Concern" are the same as in previous grant rounds. Lead entities and regional organizations must submit their final lists to RCO by November 6, 2019. 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.

The sponsor and lead entity have an opportunity to discuss the project at the SRFB funding meeting. If lead entities withdraw a "Project of Concern" before the funding meeting, alternates may be considered for funding. Should the board decide not to approve a "Project of Concern," the lead entity allocation will be reduced by the project's requested funding amount.

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.

"Conditioned" Projects

The review panel labeled 14 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 6 contains a summary of the "Conditioned" projects and their review panel conditions.

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 may 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 phase. Another common condition might be to direct the elimination of a particular component of a project because it is inconsistent with the SRFB's theme of restoration of natural processes or provides no added benefit to salmon.

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 is intended to ease tracking the status of each condition and provides RCO with documentation that each year's batch of projects meet the conditions. This tool may be moved into PRISM next year.

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 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 meet a review panel concern or condition. Ranked lists must be adjusted accordingly. 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) through November 6. 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 SRFB 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 2019, the panel reviewed 142 projects at the pre-application stage, traveling to each region 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 regional or lead entity technical and citizen advisory committees, and other sponsors who are working in that lead entity.

During the tours, sponsors and lead entities raised perennial themes such as how to deal with conflicting views between the review panel and their local technical review teams, and whether the panel exceeds its role when it occasionally questions individual strategic priorities in the local salmon recovery plans. These complaints reflect the inherent tension between the locally-driven recovery planning process and the SRFB’s desire to provide a measure of statewide consistency in technical standards and expectations for project planning and design.

Panel members, RCO staff, and many local technical advisory committees and lead entity staff find this attempt to promote statewide technical consistency to be valuable, both from the perspective of offering experience from other projects and approaches that have been tried in other watersheds, as well as being at greater liberty to voice more candid criticism than local stakeholders may feel comfortable doing. Review panel members continue to believe that the field visits at the pre-application phase in particular are a productive part of the overall grant round process. The on-site dialogue allows for key exchanges of ideas that substantially improve many projects.

As part of the panel's effort to support the SRFB's desire to fund effective, high-benefit projects for recovering salmon around the state, the panel offers the following observations of relevant issues that we noted during this grant cycle.

Strengthening Resolve for the Development of Large, High-Benefit Projects

Several of the projects in this year's portfolio represent phases or individual components of large, complex restoration projects that were initiated in previous grant rounds, some going back to the earliest years of the SRFB program. It is gratifying for the review panel to see years of incremental steps of individual planning, land protection, and construction projects beginning to come together and result in reach-scale and even watershed-scale coordinated habitat protection and restoration programs. The panel is seeing these long-term projects come together in watersheds across the state—the Tucannon, Nooksack, Entiat, and Wenatchee to name a few.

This year the board agreed to fund a limited number of "targeted investment" projects to move toward delisting for two species, middle Columbia River steelhead and Hood Canal summer chum. The funds are intended to support large-scale efforts to complete, or make significant progress towards completing, regional recovery goals. The board asked three regions to propose projects that would make progress toward delisting. The regions responded and were able to pull together projects at relatively short notice intended to implement the recovery plans for those species. Due to the abbreviated schedule, the three projects did not go through the regular pre-application review process of site visits and preliminary review panel comments; but because each built on and/or expanded previously funded projects familiar to the panel, the panel felt that the abbreviated review process was warranted.

The review panel notes that two key ingredients for enabling these large-scale, complex projects are both the effective mobilization of political and landowner support behind them, and the kind of year-after-year persistence that is possible only through having a stable, reliable source of funding. Two of the targeted investment projects, Mill Creek Fish Passage and Wilson-Naneum-Cherry Fish Passage, build on more than a decade of dogged, step-by-step implementation of several other fish passage barrier correction projects in their respective watersheds. The third targeted investment project, Duckabush Targeted Investment, represents a key step towards implementing the top-ranked U.S. Army Corps of Engineers' Puget Sound Nearshore Ecosystem Restoration Project. As the era of picking the low-hanging fruit of individual opportunities for high-benefit salmon recovery projects is ending, the panel hopes that more project sponsors and government agencies will commit the political will to overcome the obstacles to completing high-benefit, large-scale coordinated projects like these.

Emphasis on SMART, Salmon-focused Objectives

For the past few years, RCO has required grant applicants to identify Specific, Measurable, Achievable, Relevant and Time-bound (SMART) objectives as part of their applications. The review panel finds that those project proposals with SMART, salmon-focused objectives are

the ones that demonstrate the clearest benefit to salmon recovery and the likeliest certainty of success. In addition, listing SMART objectives in the proposal provides a clear method of determining whether a project was successful or not at the completion of a grant. The review panel continues to emphasize the need for SMART objectives and spends considerable time at the pre-application review stage working with sponsors to develop them for each project.

Tracking Project Conditions

The review panel continues to use the option of adding conditions to grants as a way to ensure the benefit and certainty of a planning or restoration project where scope or design may be uncertain at the time it is funded. Conditions provide flexibility for a project which may have some weak or not clearly defined elements, but which otherwise meets the SRFB's evaluation criteria for funding. A typical condition involves allowing the review panel to review and approve a preliminary design before the sponsor proceeds with final design or construction. Because there is sometimes a time lag of up to 2 years between when a project is funded and when the design is ready for review, there have been lapses in continuity and communication between the sponsor, the grants manager, and the panel members who are the primary reviewers.

The review panel has discussed these issues with RCO staff and is assured that the upcoming re-design of PRISM will provide convenient ways for tracking and documenting the status of conditioned projects, including allowing review panel members to review relevant correspondence between project sponsors and grants managers about satisfying project conditions.

Updating Local Recovery Plans

The review panel notes that some of the detailed, watershed-specific strategic approaches in regional and local recovery plans have not been updated in several years, and may not necessarily reflect the progress and changing priorities in each watershed as time goes on. Lead entities are encouraged to continually update their strategic approaches to reflect their current project priorities as these approaches become the basis for the selection of projects.

Likewise, at the regional level, the review panel believes that the time is ripe to begin planning revisions to recovery plans that target current conditions, rather than those that existed, for example, in 2005. The review panel acknowledges that updating recovery plans is a large effort, which requires the integration of multiple entities (e.g. NOAA National Marine Fisheries Service) and data sources, and that additional information and resources may be needed to assess progress toward recovery. NOAA Fisheries' 5-year status review process may serve as a resources for integrating data collection and analysis. The panel recommends that both SRFB and regional technical teams discuss next steps for recovery plan updates and identify resources to support these efforts during their meetings in 2020.

Promoting Accountability for Invasive Weed Eradication and Nutrient Enhancement Projects

Project sponsors and the review panel continue to struggle with the perennial issue of how to design and carry out invasive weed eradication and nutrient (salmon carcass) enhancement actions in a manner that meets the funding eligibility requirement that they be discrete projects rather than open-ended, ongoing programs. A few years ago, supplemental questions were added to the proposal form for these kinds of projects, in an attempt to better define SMART restoration objectives, timeframe, and other factors to ensure that they are discrete projects. Since then, some sponsors have been more successful than others in documenting the achievement of their project's objectives and demonstrating overall accountability. The review panel will continue to press sponsors to include clear procedures for planning, implementing, and tracking the effectiveness of these kinds of projects in meeting their specific objectives, and provide them with examples of effective project implementation.

Coordination with Bonneville Power Administration Habitat Improvement Program III Requirements

Several sponsors in the middle and upper Columbia River regions use Bonneville Power Administration funding to match SRFB grants (or vice versa) for habitat restoration projects, which is an excellent arrangement for leveraging state and federal resources. Bonneville Power Administration-funded projects are required to follow the Habitat Improvement Program III design guidelines that are included in the National Marine Fisheries Service's programmatic Biological Assessment for this funding source. One of the Habitat Improvement Program III requirements that concerns the review panel is the requirement that designers may not specify cable or chain for anchoring large wood material to log pilings, ballast rocks, or other pieces of wood in an engineered logjam or other kind of large wood material habitat structure.

The hemp, manila, and sisal rope that is allowed by the Habitat Improvement Program III guidance is less durable in abrasive, scouring environments such as gravel and cobble river beds than traditional materials such as cable or chain. This is an issue that may preclude coordinating or matching with Bonneville Power Administration-funded projects. It would be helpful to get information from the Bonneville Power Administration on the efficacy of these projects.

Coordination with Monitoring Efforts

A chronic shortcoming of the SRFB program has been the disconnect between the SRFB project effectiveness monitoring program and lead entities' and project sponsors' use of its conclusions for tangible adaptive management purposes, such as project planning and updating strategic approaches. The review panel has repeatedly raised this issue in previous funding reports, and thinks it is worthwhile to include it again this year. SRFB-funded monitoring consultants post their annual reports on RCO's Web site, but the review panel sees little evidence that most project sponsors are using these data for project identification

and planning. While there are some notable exceptions, such as the Snake River Salmon Recovery Board's recent use of monitoring data to revise project siting priorities on the Tucannon River, the panel finds that most lead entities tend to rely on a combination of localized strategic assessment studies, best practices for ecological restoration, and taking advantage of opportunistic circumstances for planning their restoration projects.

RCO's biennial salmon recovery conferences are the most visible venue for disseminating SRFB's project effectiveness monitoring program results, but additional opportunities for presenting monitoring data in formats that are useful for planning and designing projects are needed. As in past years, the review panel would like to remind the board, the SRFB Monitoring Panel, and other stakeholders to consider more effective ways to integrate this information as a robust adaptive management tool that sponsors will use for identifying and planning their projects. Some suggestions include tasking a subcommittee of the review panel and/or monitoring panel to gather and distill relevant project effectiveness monitoring data, interviewing a subset of lead entities and sponsors about their use or lack of use of the monitoring data, and developing a Webinar that presents conclusions from the project effectiveness monitoring program and makes recommendations on how lead entities and sponsors could use it for project planning.

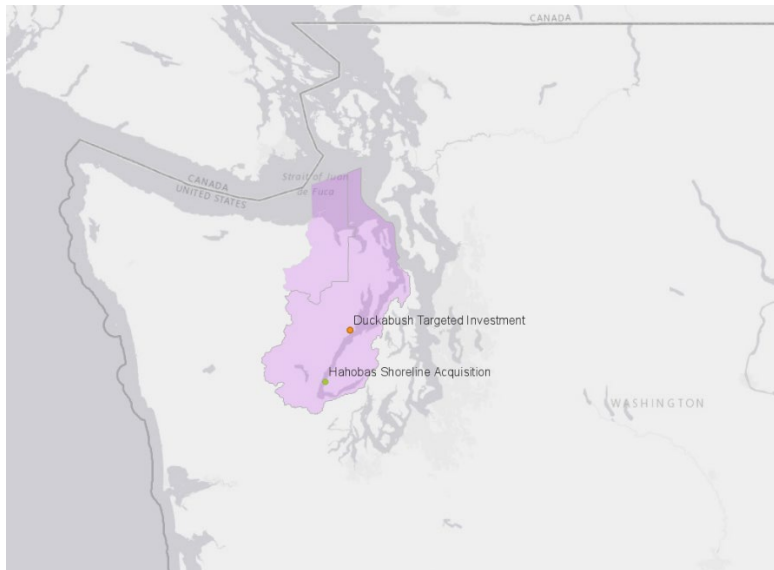
Noteworthy Projects

As in previous years, the review panel would like to highlight a small percentage of proposals that have the potential to result in large-scale actions, restoring ecosystem processes, or that will make significant contributions to implementing the local or regional salmon recovery plans. This year, the panel identified two projects that merit special attention, as listed below.

Table 4. Noteworthy Projects

Project Number and Name	Sponsor	Goal	Phase/ Funding
19-1293 Hahobas Hood Canal Shoreline Acquisition	Great Peninsula Conservancy	Protection of about 100 acres of lowland forest, shoreline, and tidelands next to Washington Department of Natural Resources trust land. Leverages U.S. Navy, SRFB, and private funding. Supports multiple salmon recovery goals.	Acquisition
19-1720 Duckabush Targeted Investment	Hood Canal Salmon Enhancement Group	Providing cost match to leverage Washington Department of Transportation's design work to replace the Highway 101 causeway across the Duckabush estuary, a significant step towards implementing this long-planned, top-ranked Puget Sound Nearshore and Estuary Restoration Project.	Design

Map of 2019 Noteworthy Projects



2019 Recommendations

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

- Continue to urge state and local government agencies to actively facilitate the development of the kind of large, complex habitat protection and restoration projects that are critical for achieving delisting, when individual project sponsors lack the political influence and resources to overcome the many obstacles to implementing them.
- If funding ongoing, multi-phased invasive weed eradication projects remains a priority to the SRFB, provide further guidance to the review panel on how to evaluate these types of projects for consistency with the SRFB technical criteria for benefit and certainty.
- Provide guidance and leadership on how lead entities and project sponsors can make better use of regional and statewide effectiveness monitoring data for refining their strategic objectives and improving identification and planning of restoration and protection projects.
- Investigate how the Habitat Improvement Program III design guidance can be better coordinated with Washington State policies and laws regarding the durability of engineered logjams and other large woody material structures.

Manual 18 Updates

RCO plans to significantly change the format of Manual 18 as part of the planned 2020 implementation of the Lean study recommendations and upgrades to PRISM. RCO staff continue to seek input from the review panel about these changes.

Part 3: Region Responses

Introduction

The SRFB continues to allocate funding regionally rather than to individual lead entities. In March 2019, the SRFB approved an updated regional project allocation. See Table 1. 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 Appendix M, *Manual 18, Salmon Recovery Grants*. Each region responded to these questions, providing significant supporting documentation from the lead entities. The following section of the report provides links to the RCO Web site to the region-by-region responses received. The responses are direct submittals from the regions. The structure of these responses focuses around the key questions asked of each region and their local entities.

Regional organizations were required to respond to questions about 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 responses 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.² This is based on the regional responses (provided at the links below) to questions in Manual 18 and application materials. The regional area meetings held in Olympia in October were dedicated to discussing “Projects of Concern” in each region.

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

²Revised Code of Washington 77.85

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 Responses

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

Attachment 1: 2019 Grant Schedule

Date	Action	Description
February 1	Due Date: Requests for review panel site visits	Lead entities submit their requests for site visits to RCO staff by this date.
February-May 25	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 14	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.
Available Online	Application workshops (on request)	RCO staff holds an online application workshop. RCO can provide additional in-person trainings to lead entities upon request. Application Workshop
February-June 27	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 8	Due Date: Applications due	Applicants submit final application materials, including attachments, via PRISM Online. See Final Application checklist.
August 15	Lead entity submittals due	Lead entities submit draft ranked lists via PRISM Online. Submit Appendix M, Questions 4 and 5 to your region.
August 9-23	RCO grants managers and review panel project review	RCO screens all applications for completeness and eligibility.
August 23	Review panel post-application review	RCO forwards applications to review panel to evaluate projects using Manual 18, Appendix K criteria.
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 17-18	SRFB Review Panel meeting	The review panel meets to discuss projects, prepare comment forms, and determine the status of each project.

Attachment 1: Grant Schedule

Date	Action	Description
September 26	Project comment forms available for applicants	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 10	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 16	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 22-24	Regional area project meetings	Regional organizations, lead entities, and applicants present regional updates (optional) and discuss "POCs" with the review panel.
October 30	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 6	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 14	Final 2019 grant report available for public review	The final funding recommendation report is available online for SRFB and public review.
December 12-13	SRFB funding meeting	SRFB awards grants. Public comment period available.

Attachment 2: 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.

Jeanette Smith, consultant, Seattle

Ms. Smith has more than 20 years of experience in the watershed analysis and evaluation field as an aquatic ecologist, with 15 of those years specifically focused on salmonid habitat analysis, monitoring, and restoration. As principal scientist with Pacific Watershed Institute, she was part of the team that developed the first watershed assessment modules for the Washington Department of Natural Resources and went on to develop and implement further fisheries and riparian habitat modules for assessment protocols for tribal entities via the Environmental Protection Agency. Much of her restoration and assessment work focuses on helping clients and agencies coordinate their efforts across ownership boundaries. Ms. Smith holds a bachelor of arts degree from the University of Colorado with majors in environmental, population, and organismic biology and environmental studies, and a master of science degree from the School of Fisheries at the University of Washington where her research focused on the interactions of riparian and stream habitat in relation to salmonid habitat structure and function.

Jennifer O'Neal, consultant, Mount Vernon

Ms. O'Neal is a senior fisheries biologist at Natural Systems Design with 22 years of experience in stream restoration monitoring, salmon habitat restoration design, and riparian ecology. Her field and research experience includes developing protocols for monitoring salmonid populations, measuring the effectiveness of floodplain restoration projects, and determining data quality levels in monitoring efforts across the Pacific Northwest. Her current focus is using remote sensing techniques and topographic surveys to assess changes in floodplain habitats due to restoration actions. She also is interacting with community watershed groups and research centers at the Western Washington University, salmon recovery regions, and tribes to promote science-based watershed planning, efficient monitoring, and restoration. She holds a bachelor of arts degree in environmental science from the University of California, Berkeley, and a master of science degree in fisheries and aquatic science from the 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 stormwater 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 former 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, a master of science degree in environmental science and a master of public affairs degree from Indiana University, and a bachelor of science degree in forestry from the University of Missouri.

Attachment 3: 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
- 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 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.

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 located³ 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.
 - o Incomplete application or proposal.

³For Puget Sound, this will be the Puget Sound Regional Implementation Technical Team chair.

- o Project goal or objectives not clearly stated or do not address salmon habitat protection or restoration.
 - o Project sponsor has not responded to review panel comments.
 - o 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:

- A. 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.
- B. The methodology does not appear to be appropriate to meet the goals and objectives of the project.

- C. There are significant constraints to the implementation of projects following completion of the planning project.
- D. The project does not clearly lead to project design or does not meet the criteria for filling a data gap.
- E. 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

Number	Name	Sponsor	Region	Request
19-1486	Methow River Ecosystem Diagnosis and Treatment High-priority Data Gaps	Confederated Tribes of the Colville Reservation	Upper Columbia River	\$71,086
19-1393	South Fork Nooksack Passive Integrated Transponder (PIT) Monitoring	Lummi Nation	Puget Sound	\$64,310
Total				\$135,396

Attachment 5: Targeted Investment Projects

Project Number	Project Sponsor	Project Name	Grant Request	Sponsor Match	Total
19-1718	Tri-State Steelheaders	Mill Creek Fish Passage-Park to Roosevelt	\$2,750,000	\$500,000	\$3,250,000
19-1721	Kittitas County Conservation District	Yakima Basin Targeted Investment Projects	\$883,088	\$91,628	\$1,074,716
19-1720	Hood Canal Salmon Enhancement Group	Duckabush Targeted Investment	\$2,797,458	\$491,479	\$3,215,971
Total Funding Request			\$6,430,546		

Attachment 6: Conditioned Projects

“Conditioned” Projects = 14

Klickitat Lead Entity

- [19-1552](#) Walaluks Creek Levee Setback

Condition: The review panel will review the preliminary, permit-ready design before funds are released for final design and construction. The review panel requires 30 days for this review, which should be incorporated into the project schedule.

Lake Washington/Cedar/Sammamish (WRIA 8) Lead Entity

- [19-1319](#) Royal Arch Reach Floodplain Reconnect Phase 1 Design

Condition: Given the current uncertainties about the project design, the sponsor shall submit preliminary designs and the basis of design report along with any supporting documentation to the review panel before proceeding with final 90 percent designs. The review panel would like to ensure that the project design maximizes the habitat potential for the targeted fish species and has a high certainty of success. Please allow up to 4 weeks to complete the design review.

Lower Columbia Fish Recovery Board

- [19-1212](#) South Fork Toutle Headwaters Cooperative Design

Condition: The review panel will review a detailed set of design alternatives and the accompanying basis of design information prior to the sponsor selecting an alternative and completing the preliminary design plans for the 14.5 mile reach of the South Fork Toutle River. Please allow 3 weeks for the panel to complete its review.

- [19-1225](#) Germany Creek Stream Restoration Kosiba

Condition: The sponsor provided additional information about project goals, objectives, and watershed processes when answering the questions from the Lower Columbia Fish Recovery Board Technical Advisory Committee. Much of this information spoke to questions posed by the SRFB Review Panel members and increased the likelihood of success of this design-build project. The project is a coordinated effort to improve watershed and habitat conditions in an area of Germany Creek that is downstream from previously implemented and other active restoration efforts. The Cowlitz Conservation District is partnering with an actively engaged, understanding landowner. The conservation district has made inquiries about adjacent and across river lands that may be for sale and actively are engaging in discussion with downstream landowners that may be affected by project actions or may be interested in becoming involved in restoration efforts.

However, the project is conditioned for design review before project implementation as design-build projects are typically considered where the design is straightforward and liability concerns are minimal. The application does not provide sufficient information to ensure the design is straightforward or the level of risk to infrastructure, the downstream left-bank landowner home and barn and the downstream access bridge, is minimal.

- [19-1226](#) Spillman West Valley Skamokawa

Condition: The sponsor acknowledges the design submitted for the bridge has several flaws that need to be addressed with the county. This project is conditioned on the review panel reviewing and approving both the conceptual and preliminary designs of the bridge and in-stream design work before releasing funds to continue design work and constructing the project. The sponsor also shall correct the Barrier Assessment Form to show accurate barrier conditions. Please allow 3 weeks for the review panel in your project schedule.

North Pacific Coast Lead Entity

- [19-1467](#) Rayonier 5050 Road Crossing Removal

Condition: SRFB funding will be used only for design and implementation of the habitat enhancement portions of the project. The review panel encourages the sponsor to consider including additional habitat improvement elements, such as benched terraces on the regraded slopes and woody debris installation that is more appropriate for the site conditions i.e. steep, confined, step-pool structure geomorphology.

SRFB funds shall not be used for the tasks specifically related to culvert and fill removal and road abandonment that Rayonier is required to complete by 2021 per Rayonier's Road Management and Abandonment Plan. The proposal's scope of work and cost estimate should be updated accordingly.

- [19-1503](#) SSHEAR Legacy Fishway Resolution

Condition: Sponsor will provide permit-level design documents to the review panel before SRFB funds are disbursed for construction. The review panel requires 30 days to evaluate design materials and sponsor should build this into the project's schedule.

Snake River Salmon Recovery Board Lead Entity

- [19-1461](#) McCaw Restoration Phase C Construction

Condition: The final design will be submitted for review before starting Phase C construction. Elements in the design will include the following: 1) 2D modeling to show side channel and floodplain connection at the 2-year and 10-year flood events, 2) channel cross sections showing design flood water surface and the extent of

proposed structures, 3) the results of the bedrock geology assessment, and 4) calculations for shear stress, scour depth, and large woody material stability. Please allow up to 4 weeks for the review panel to complete the design review.

- [19-1493](#) Touchet River Mile 42 Restoration Project Design

Condition: The alternatives analysis and preliminary design will be submitted to the review panel for design review before completing final designs. Elements in the design will include the following: 1) 2D modeling to show side channel and floodplain connection at the 2-year and 10-year flood events, 2) channel cross sections showing design flood water surface, extent of proposed structures, and results of geology assessment, 3) calculations for shear stress, scour depth, and large woody material stability. Please allow up to 4 weeks for the review panel to complete the design review.

- [19-1494](#) Tucannon PA 26 Large Woody Material Enhancement

Condition: The final design will be submitted to the panel for review before bidding the project for construction. Elements in the design will include the following: 1) 2D modeling to show side channel and floodplain connection at the 2-year, 10-year, and 100-year flood events, 2) channel cross sections showing design flood water surface and the extent of proposed structures for a typical placement, 3) calculations for shear stress, scour depth, and large woody material stability, and 4) calculations and assurance that the estimated rope design strength and life is consistent with project expectations. Please allow up to 4 weeks for the review panel to complete the design review.

Upper Columbia Salmon Recovery Board Lead Entity

- [19-1492](#) Nason Creek Confluence Habitat Enhancement

Condition: More information is needed about key project design issues to ensure the certainty of successful implementation of this project before committing construction funding.

Construction funding will be released after the review panel approves preliminary design plans and a design report that meets the content requirements in Manual 18, Appendix D-2. Key issues that must be addressed in the preliminary design documentation include the following: 1) aerial extent of the “fabric-wrapped lifts” and 2) hydraulic modeling and evaluation of the design of the inlet and outlet of the proposed channel to ensure that it will remain activated and accessible for the intended salmon habitat usage on a relatively sustainable basis.

- [19-1491](#) Entiat Restoration Upper Burns and Angle Point

Condition: Release of construction funding is conditioned on the review panel’s approval of an updated preliminary design that meets the content requirements of Manual 18, Appendix D-2.

WRIA 13 Salmon Habitat Recovery Committee (Thurston County)

- [19-1443](#) Deschutes River Mile 34.5 in-stream complexity

Condition: Sponsor will submit the permit-ready drawings to the review panel for review before submitting permit applications. The review panel requires 30 days to evaluate the drawings and the sponsor should build this review period into the schedule.

Sponsor will share the comment thread included in this comment form with the successful consultant so that they are aware of the suggestions and concerns that have been raised by the review panel and will consider these comments as he/she designs the project. In particular, the review panel would like to call attention to the following:

- o This is a very complex site to model and with the changing channel, the detailed effort may not be worth the additional cost. If modeling is nonetheless conducted, the terrain model and hydraulic model cell size seems to be too small for the given channel size. There are a lot of odd shapes and straight lines, which could impact how flow is split.
- o Given the amount of large woody materials in the channel and observed historically, one approach to consider while developing final design would be large woody materials trapping structures, rather than the large, hard-point, channel-spanning jam and smaller habitat jams placed at specific points in the floodplain. Trapping structures would be designed to trap wood and grow in size over time. This could reduce the cost and amount of wood needed and still create the roughness and habitat complexity over the long term. With this approach, wood will be distributed more widely and the river will be more likely to encounter and engage with wood habitat features, regardless of where the river migrates in this dynamic floodplain.
- o The project goal of placing wood in the vicinity of cold water areas that overlap the project site is an excellent approach, particularly where existing pools and alcove habitat have developed.
- o The design costs seem high given the work completed to date. We encourage you to use the bidding process and ongoing interaction with the consultant to achieve a cost-effective outcome for the project.

Yakima Basin Fish and Wildlife Recovery Board Lead Entity

- [19-1446](#) Ahtanum Village Restoration Design

Condition: The sponsor will provide a copy of the preliminary design plans and design report to the review panel for its technical review and comments before proceeding to the final design stage.

Attachment 7: Ranked List of Projects

REGION: HOOD CANAL/PUGET SOUND

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

HOOD CANAL COORDINATING COUNCIL LEAD ENTITY

2019 December (Ranked List is in "Accepted" status) Number of Projects: 6

Salmon
Allocation
\$1,129,961.00

Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
Partial	1	<u>19-1339</u> <u>Plan/Act</u>	<u>19-1339</u>	Jefferson County Public Health Lower Big Quilcene Floodplain Acquisitions 2019	Lower Big Quilcene Floodplain Acquisitions 2019	Jefferson County Public Health	\$138,527.00	\$25,326.00	\$138,527.00	\$138,527.00	\$163,853.00
	2	<u>19-1293</u> <u>Act</u>	<u>19-1293</u>	Great Peninsula Conservancy Hahobas Shoreline Acquisition	Hahobas Shoreline Acquisition	Great Peninsula Conservancy	\$511,000.00	\$721,000.00	\$511,000.00	\$511,000.00	\$1,232,000.00
	3	<u>19-1296</u> <u>Rest</u>	<u>19-1296</u>	Hood Canal SEG Hood Canal Riparian Enhancement & Knotweed Control	Hood Canal Riparian Enhancement & Knotweed Control	Hood Canal SEG	\$191,250.00	\$33,750.00	\$191,250.00	\$191,250.00	\$225,000.00
	4	<u>19-1285</u> <u>Act</u>	<u>19-1285</u>	Hood Canal SEG Big Quilcene Moon Valley Acquisition	Big Quilcene Moon Valley Acquisition	Hood Canal SEG	\$369,913.00	\$66,872.00	\$289,184.00	\$289,184.00	\$356,056.00
Alternate	5	<u>19-1294</u> <u>Rest</u>	<u>19-1294</u>	NW Straits Marine Cons Found Discovery Bay Nearshore Armor Removal	Discovery Bay Nearshore Armor Removal	NW Straits Marine Cons Found	\$359,919.00	\$65,865.00	\$0.00	\$0.00	\$65,865.00
Alternate	6	<u>19-1287</u> <u>Plan</u>	<u>19-1287</u>	Hood Canal SEG Duckabush R Oxbow Final Design	Duckabush R Oxbow Final Design	Hood Canal SEG	\$37,575.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals:							\$1,608,184.00	\$912,813.00	\$1,129,961.00	\$1,129,961.00	\$2,042,774.00
Remaining Allocation:							\$0.00				

REGION: NORTHEAST WASHINGTON

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

KALISPEL TRIBE-PEND OREILLE LEAD ENTITY

2019 December (Ranked List is in "Accepted" status) Number of Projects: 3

Salmon
Allocation
\$342,000.00

Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
Partial	1	<u>19-1422</u> <u>Rest</u>	<u>19-1422</u>	Skagit River Sys Cooperative Skagit Basin Ongoing Riparian Stewardship	Skagit Basin Ongoing Riparian Stewardship	Skagit River Sys Cooperative	\$167,858.00	\$30,122.00	\$83,238.00	\$83,238.00	\$113,360.00
NOTE: ASSIGNED SKAGIT WATERSHED COUNCIL LEAD ENTITY					NOTE: ASSIGNED SKAGIT WATERSHED COUNCIL LEAD ENTITY						
Partial	2	<u>19-1414</u> <u>Plan/Act</u>	<u>19-1414</u>	Skagit Land Trust Skagit Watershed Habitat Acquisition III	Skagit Watershed Habitat Acquisition III	Skagit Land Trust	\$748,262.00	\$132,100.00	\$123,262.00	\$123,262.00	\$255,362.00
NOTE: ASSIGNED SKAGIT WATERSHED COUNCIL LEAD ENTITY					NOTE: ASSIGNED SKAGIT WATERSHED COUNCIL LEAD ENTITY						
Partial	3	<u>19-1972</u> <u>Rest</u>	<u>19-1972</u>	Dept of Fish & Wildlife Ruby Creek Fish Passage and Habitat Enhancement	Ruby Creek Fish Passage and Habitat Enhancement	Dept of Fish & Wildlife	\$342,000.00	\$156,910.00	\$135,500.00	\$135,500.00	\$292,410.00
Totals:							\$1,258,120.00	\$319,132.00	\$342,000.00	\$342,000.00	\$661,132.00
Remaining Allocation:							\$0.00				

REGION: LOWER COLUMBIA

Regional Allocation/Allotment: \$3,600,000.00
Remaining: \$0.00

Klickitat County Lead Entity

2019 December (Ranked List is in "Accepted" status) Number of Projects: 3

Salmon
Allocation
\$575,096.00

Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
Partial	1	<u>19-1551</u> <u>Plan</u>	<u>19-1551</u>	Yakama Nation Fish Passage and Habitat Design on Spring Creek	Fish Passage and Habitat Design on Spring Creek	Yakama Nation	\$121,500.00	\$0.00	\$121,500.00	\$121,500.00	\$121,500.00
	2	<u>19-1552</u> <u>Rest</u>	<u>19-1552</u>	Eastern Klickitat CD Waiilatpu Creek levee setback	Waiilatpu Creek levee setback	Eastern Klickitat CD	\$249,596.00	\$44,100.00	\$249,596.00	\$249,596.00	\$293,696.00
	3	<u>19-1550</u> <u>Rest</u>	<u>19-1550</u>	Yakama Nation Forest Road 80 x-ing of Piscoe Creek	Forest Road 80 x-ing of Piscoe Creek	Yakama Nation	\$204,000.00	\$36,000.00	\$204,000.00	\$204,000.00	\$240,000.00
Totals:							\$575,096.00	\$80,100.00	\$575,096.00	\$575,096.00	\$655,196.00
Remaining Allocation:							\$0.00				

The Lower Columbia Fish Recovery Board is providing \$121,500 to the Klickitat County Lead Entity for 19-1551.

LOWER COLUMBIA FISH RECOVERY BOARD LEAD ENTITY

2019 December (Ranked List is in "Accepted" status) Number of Projects: 16

Salmon
Allocation
\$3,478,500.00

Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
	1	19-1253 Plan	19-1253	Lower Columbia Estuary Partner East Fork Thermal Assessment	East Fork Thermal Assessment	Lower Columbia Estuary Partner	\$150,034.00	\$27,782.00	\$150,034.00	\$150,034.00	\$177,816.00
	2	19-1216 Plan	19-1216	Cowlitz Indian Tribe West Fork Grays Design	West Fork Grays Design	Cowlitz Indian Tribe	\$160,924.00	\$0.00	\$160,924.00	\$160,924.00	\$160,924.00
	3	19-1212 Plan	19-1212	Lower Columbia FEG SF Toutle Headwaters Cooperative Design	SF Toutle Headwaters Cooperative Design	Lower Columbia FEG	\$174,761.00	\$0.00	\$174,761.00	\$174,761.00	\$174,761.00
	4	19-1213 Rest	19-1213	Lower Columbia FEG Coweeman, Nineteen, and Skipper Restoration	Coweeman, Nineteen, and Skipper Restoration	Lower Columbia FEG	\$408,545.00	\$72,132.00	\$408,545.00	\$408,545.00	\$480,677.00
	5	19-1214 Rest	19-1214	Lower Columbia FEG Washougal River and Timber Creek Restoration	Washougal River and Timber Creek Restoration	Lower Columbia FEG	\$248,367.00	\$44,300.00	\$248,367.00	\$248,367.00	\$292,667.00
	6	19-1215 Acq	19-1215	Columbia Land Trust Wildboy Forest and Kwoneesum Dam Acquisition	Wildboy Forest and Kwoneesum Dam Acquisition	Columbia Land Trust	\$500,000.00	\$2,693,597.00	\$500,000.00	\$500,000.00	\$3,193,597.00
	7	19-1219 Rest	19-1219	Cowlitz Indian Tribe Gobar Pond Restoration Project	Gobar Pond Restoration Project	Cowlitz Indian Tribe	\$461,813.00	\$85,000.00	\$461,813.00	\$461,813.00	\$546,813.00
	8	19-1210 Rest	19-1210	Lower Columbia FEG SW Washington Nutrient Enhancement Coalition	SW Washington Nutrient Enhancement Coalition	Lower Columbia FEG	\$59,729.00	\$14,500.00	\$59,729.00	\$59,729.00	\$74,229.00
	9	19-1221 Rest	19-1221	Cowlitz Indian Tribe Cispus-Yellowjacket Restoration Phase III	Cispus-Yellowjacket Restoration Phase III	Cowlitz Indian Tribe	\$599,828.00	\$599,827.00	\$599,828.00	\$599,828.00	\$1,199,655.00
	10	19-1225 Rest	19-1225	Cowlitz Conservation Dist Germany Creek Stream Restoration Kosiba	Germany Creek Stream Restoration Kosiba	Cowlitz Conservation Dist	\$182,000.00	\$32,450.00	\$182,000.00	\$182,000.00	\$214,450.00
	11	19-1222 Plan	19-1222	Cowlitz Indian Tribe Jones Creek Fish Passage	Jones Creek Fish Passage	Cowlitz Indian Tribe	\$99,572.00	\$17,600.00	\$99,572.00	\$99,572.00	\$117,172.00
	12	19-1226 Rest	19-1226	Wahkiakum Conservation Dist Spillman West Valley Skamokawa	Spillman West Valley Skamokawa	Wahkiakum Conservation Dist	\$215,000.00	\$54,250.00	\$215,000.00	\$215,000.00	\$269,250.00
Partial	13	19-1446 Plan	19-1446	Yakama Nation Ahtanum Village Restoration Design NOTE: ASSIGNED YAKIMA BASIN FISH AND WILDLIFE RECOVERY BOARD LEAD ENTITY	Ahtanum Village Restoration Design NOTE: ASSIGNED YAKIMA BASIN FISH AND WILDLIFE RECOVERY BOARD LEAD ENTITY	Yakama Nation	\$120,000.00	\$0.00	\$46,349.00	\$46,349.00	\$46,349.00
Partial	14	19-1463 Plan	19-1463	Asotin Co Conservation Dist Asotin Creek PA 06 Design NOTE: ASSIGNED SNAKE RIVER SALMON RECOVERY BOARD LEAD ENTITY	Asotin Creek PA 06 Design NOTE: ASSIGNED SNAKE RIVER SALMON RECOVERY BOARD LEAD ENTITY	Asotin Co Conservation Dist	\$85,000.00	\$16,000.00	\$9,469.00	\$9,469.00	\$25,469.00
	15	19-1497 Plan	19-1497	Tri-State Steelheaders Inc Walla Walla B2B Phase 3 Design NOTE: ASSIGNED SNAKE RIVER SALMON RECOVERY BOARD LEAD ENTITY	Walla Walla B2B Phase 3 Design NOTE: ASSIGNED SNAKE RIVER SALMON RECOVERY BOARD LEAD ENTITY	Tri-State Steelheaders Inc	\$55,250.00	\$9,750.00	\$55,250.00	\$55,250.00	\$65,000.00
Partial	16	19-1475 Rest	19-1475	Wenatchee Co Natural Resource Wenatchee River-Monitor Side Channel Construction NOTE: ASSIGNED UPPER COLUMBIA SALMON RECOVERY BOARD LEAD ENTITY	Wenatchee River-Monitor Side Channel Construction NOTE: ASSIGNED UPPER COLUMBIA SALMON RECOVERY BOARD LEAD ENTITY	Chelan Co Natural Resource	\$148,265.00	\$148,265.00	\$106,859.00	\$106,859.00	\$255,124.00
Totals:							\$3,669,088.00	\$3,815,453.00	\$3,478,500.00	\$3,478,500.00	\$7,293,953.00
Remaining Allocation:							\$0.00				

REGION: PUGET SOUND

Regional Allocation/Allotment: \$6,142,039.00
Remaining: \$0.00

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

2019 December (Ranked List is in "Accepted" status) Number of Projects: 2

Salmon
Allocation
\$295,895.00

Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
	1	19-1155 Rest	19-1155	King Co Water & Land Res Lones Levee Restoration - Construction	Lones Levee Restoration - Construction	King Co Water & Land Res	\$295,895.00	\$104,105.00	\$295,895.00	\$295,895.00	\$400,000.00
Alternate	2	19-1191 Acq	19-1191	King Co Water & Land Res Pt. Heyer Drift Cell Preservation 2019	Pt. Heyer Drift Cell Preservation 2019	King Co Water & Land Res	\$422,000.00	\$78,000.00	\$0.00	\$0.00	\$78,000.00
Totals:							\$717,895.00	\$182,105.00	\$295,895.00	\$295,895.00	\$478,000.00
Remaining Allocation:							\$0.00				

ISLAND COUNTY LEAD ENTITY

2019 December (Ranked List is in "Accepted" status) Number of Projects: 3

Salmon
Allocation
\$217,645.00

Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
Alternate	1	19-1336 Acq	19-1336	Whidbey Camano Land Trust Elger Bay Phase 2 Acquisition	Elger Bay Phase 2 Acquisition	Whidbey Camano Land Trust	\$225,000.00	\$40,250.00	\$0.00	\$0.00	\$40,250.00
Partial	2	19-1342 Rest	19-1342	NW Straits Marine Cons Found Hidden Beach Shoreline Restoration	Hidden Beach Shoreline Restoration	NW Straits Marine Cons Found	\$128,800.00	\$234,708.00	\$100,000.00	\$100,000.00	\$334,708.00
Partial	3	19-1343 Plan	19-1343	Skagit Fish Enhancement Group Island County Culvert Prioritization - Area 2	Island County Culvert Prioritization - Area 2	Skagit Fish Enhancement Group	\$128,480.00	\$22,673.00	\$117,645.00	\$117,645.00	\$140,318.00
Totals:							\$482,280.00	\$297,631.00	\$217,645.00	\$217,645.00	\$515,276.00
Remaining Allocation:							\$0.00				

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

2019 December (Ranked List is in "Accepted" status) Number of Projects: 2

Salmon
Allocation
\$391,711.00

Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
	1	19-1258 Rest	19-1258	King Co Water & Land Res Riverbend Floodplain Restoration Construction	Riverbend Floodplain Restoration Construction	King Co Water & Land Res	\$5,900,000.00	\$1,046,259.00	\$0.00	\$0.00	\$6,946,259.00
Partial	2	19-1319 Plan	19-1319	Seattle Public Utilities Royal Arch Reach Floodplain Reconnect (Ph1) Design	Royal Arch Reach Floodplain Reconnect (Ph1) Design	Seattle Public Utilities	\$424,065.00	\$74,835.00	\$391,711.00	\$391,711.00	\$466,546.00
Totals:							\$6,324,065.00	\$1,121,094.00	\$391,711.00	\$391,711.00	\$7,412,805.00
Remaining Allocation:							\$0.00				

NISQUALLY RIVER SALMON RECOVERY LEAD ENTITY

2019 December (Ranked List is in "Accepted" status)				Number of Projects: 5		\$376,749.00					
Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
	1	<u>19-1320</u> <u>Acc</u>	<u>19-1320</u>	Nisqually Land Trust Lackamas Flats Protection 2019 - RM 28.8	Lackamas Flats Protection 2019 - RM 28.8	Nisqually Land Trust	\$50,000.00	\$9,000.00	\$50,000.00	\$50,000.00	\$59,000.00
	2	<u>19-1321</u> <u>Acc</u>	<u>19-1321</u>	Nisqually Land Trust Middle Ohop Protection Phase 4	Middle Ohop Protection Phase 4	Nisqually Land Trust	\$81,390.00	\$14,500.00	\$81,390.00	\$81,390.00	\$95,890.00
	3	<u>19-1349</u> <u>Rest</u>	<u>19-1349</u>	Thurston County Public Works Peissner Road at Elbow Lake Creek Fish Passage	Peissner Road at Elbow Lake Creek Fish Passage	Thurston County Public Works	\$80,000.00	\$44,000.00	\$80,000.00	\$80,000.00	\$124,000.00
Partial	4	<u>19-1346</u> <u>Rest</u>	<u>19-1346</u>	South Puget Sound SEG Lower Horn Creek Fish Passage	Lower Horn Creek Fish Passage	South Puget Sound SEG	\$221,000.00	\$39,000.00	\$165,359.00	\$165,359.00	\$204,359.00
Alternate	5	<u>19-1348</u> <u>Rest</u>	<u>19-1348</u>	Pierce Co Conservation Dist Nisqually River Knotweed Eradication 2019	Nisqually River Knotweed Eradication 2019	Pierce Co Conservation Dist	\$62,110.00	\$11,628.00	\$0.00	\$0.00	\$11,628.00
Totals:							\$494,500.00	\$118,128.00	\$376,749.00	\$376,749.00	\$494,877.00
Remaining Allocation:							\$0.00				

NORTH OLYMPIC PENINSULA LEAD ENTITY FOR SALMON

2019 December (Ranked List is in "Accepted" status)				Number of Projects: 5		\$647,109.00					
Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
		<u>18-1258</u> <u>Rest</u>	<u>18-1258</u>	King Co Water & Land Res Riverbend Floodplain Restoration Construction NOTE: ASSIGNED LAKE WASHINGTON/CEDAR/SAMMAMISH WATERSHED (WR1A 8) LEAD ENTITY	Riverbend Floodplain Restoration Construction NOTE: ASSIGNED LAKE WASHINGTON/CEDAR/SAMMAMISH WATERSHED (WR1A 8) LEAD ENTITY	King Co Water & Land Res	\$5,900,000.00	\$1,046,259.00	\$94,912.00	\$94,912.00	\$6,946,259.00
Partial		<u>18-1291</u> <u>Rest</u>	<u>18-1291</u>	Lower Elwha Klallam Tribe Elwha River Engineered Log Jams - Ranney Reach	Elwha River Engineered Log Jams - Ranney Reach	Lower Elwha Klallam Tribe	\$1,507,872.00	\$400,000.00	\$154,599.00	\$154,599.00	\$554,599.00
Partial		<u>19-1118</u> <u>Acc</u>	<u>19-1118</u>	Forterra South Prairie Creek RM 4.8 Right Bank NOTE: ASSIGNED PIERCE COUNTY LEAD ENTITY	South Prairie Creek RM 4.8 Right Bank NOTE: ASSIGNED PIERCE COUNTY LEAD ENTITY	Forterra	\$393,233.00	\$568,167.00	\$316,216.00	\$316,216.00	\$884,383.00
Partial		<u>19-1319</u> <u>Plan</u>	<u>19-1319</u>	Seattle Public Utilities Royal Arch Reach Floodplain Reconnect (Ph1) Design NOTE: ASSIGNED LAKE WASHINGTON/CEDAR/SAMMAMISH WATERSHED (WR1A 8) LEAD ENTITY	Royal Arch Reach Floodplain Reconnect (Ph1) Design NOTE: ASSIGNED LAKE WASHINGTON/CEDAR/SAMMAMISH WATERSHED (WR1A 8) LEAD ENTITY	Seattle Public Utilities	\$424,065.00	\$74,835.00	\$32,354.00	\$32,354.00	\$107,189.00
Partial		<u>19-1468</u> <u>Acc</u>	<u>19-1468</u>	San Juan Preservation Trust Griffin Bay Shoreline Habitat Protection NOTE: ASSIGNED SAN JUAN COUNTY SALMON RECOVERY LEAD ENTITY	Griffin Bay Shoreline Habitat Protection NOTE: ASSIGNED SAN JUAN COUNTY SALMON RECOVERY LEAD ENTITY	San Juan Preservation Trust	\$256,530.00	\$45,270.00	\$49,028.00	\$49,028.00	\$94,298.00
Totals:							\$8,481,700.00	\$2,134,531.00	\$647,109.00	\$647,109.00	\$8,586,728.00
Remaining Allocation:							\$0.00				

PIERCE COUNTY LEAD ENTITY

2019 December (Ranked List is in "Accepted" status)				Number of Projects: 4		\$508,007.00					
Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
Partial	2	<u>19-1113</u> <u>Plan</u>	<u>19-1113</u>	South Puget Sound SEG Tilflow Estuary Restoration	Tilflow Estuary Restoration	South Puget Sound SEG	\$150,000.00	\$27,000.00	\$150,000.00	\$150,000.00	\$177,000.00
	3	<u>19-1118</u> <u>Acc</u>	<u>19-1118</u>	Forterra South Prairie Creek RM 4.8 Right Bank	South Prairie Creek RM 4.8 Right Bank	Forterra	\$393,233.00	\$568,167.00	\$77,017.00	\$77,017.00	\$645,184.00
	4	<u>19-1116</u> <u>Acc</u>	<u>19-1116</u>	City of Sumner Pacific Pointbar - Acquisition #2	Pacific Pointbar - Acquisition #2	City of Sumner	\$206,167.00	\$36,383.00	\$206,167.00	\$206,167.00	\$242,550.00
	5	<u>19-1119</u> <u>Plan</u>	<u>19-1119</u>	Forterra Chambers Creek Dam-Preliminary Design	Chambers Creek Dam-Preliminary Design	Forterra	\$74,823.00	\$164,000.00	\$74,823.00	\$74,823.00	\$238,823.00
	Totals:							\$824,223.00	\$795,550.00	\$508,007.00	\$508,007.00
Remaining Allocation:							\$0.00				

SAN JUAN COUNTY SALMON RECOVERY LEAD ENTITY

2019 December (Ranked List is in "Accepted" status)					Number of Projects: 4		Salmon Allocation \$277,742.00				
Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
Partial	1	<u>19-1468</u> <u>Acc</u>	<u>19-1468</u>	San Juan Preservation Trust Griffin Bay Shoreline Habitat Protection	Griffin Bay Shoreline Habitat Protection	San Juan Preservation Trust	\$256,530.00	\$45,270.00	\$207,502.00	\$207,502.00	\$252,772.00
		<u>19-1332</u> <u>Rest</u>	<u>19-1332</u>	Friends of the San Juans Salmon Point Community Beach Shoreline Restoration	Salmon Point Community Beach Shoreline Restoration	Friends of the San Juans	\$41,752.00	\$7,368.00	\$41,752.00	\$41,752.00	\$49,120.00
Partial	3	<u>19-1402</u> <u>Rest</u>	<u>19-1402</u>	San Juan Island Cons.Dist San Juan Islands Eelgrass Recovery Pilot	San Juan Islands Eelgrass Recovery Pilot	San Juan Island Cons.Dist	\$100,000.00	\$17,648.00	\$28,488.00	\$28,488.00	\$46,136.00
		Alternate	4	<u>19-1451</u> <u>Plan</u>	<u>19-1451</u>	San Juan County Public Works Crescent Beach restoration feasibility	Crescent Beach restoration feasibility	San Juan County Public Works	\$16,420.00	\$3,000.00	\$0.00
Totals:							\$414,702.00	\$73,286.00	\$277,742.00	\$277,742.00	\$351,028.00
Remaining Allocation:							\$0.00				

SKAGIT WATERSHED COUNCIL LEAD ENTITY

2019 December (Ranked List is in "Accepted" status)				Number of Projects: 4		Salmon Allocation \$1,120,676.00						
Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding	
	1	<u>19-1421</u> <u>Rest</u>	<u>19-1421</u>	Skagit River Sys Cooperative Barnaby Reach Restoration, Phase 1	Barnaby Reach Restoration, Phase 1	Skagit River Sys Cooperative	\$750,000.00	\$135,000.00	\$750,000.00	\$750,000.00	\$885,000.00	
	2	<u>19-1414</u> <u>Plan Acc</u>	<u>19-1414</u>	Skagit Land Trust Skagit Watershed Habitat Acquisition III	Skagit Watershed Habitat Acquisition III	Skagit Land Trust	\$748,262.00	\$132,100.00	\$0.00	\$0.00	\$880,362.00	
	3	<u>19-1420</u> <u>Rest</u>	<u>19-1420</u>	Skagit Fish Enhancement Group Skagit Forks/Britt Slough Wetlands Reconnection	Skagit Forks/Britt Slough Wetlands Reconnection	Skagit Fish Enhancement Group	\$286,056.00	\$50,481.00	\$286,056.00	\$286,056.00	\$336,537.00	
	4	<u>19-1422</u> <u>Rest</u>	<u>19-1422</u>	Skagit River Sys Cooperative Skagit Basin Ongoing Riparian Stewardship	Skagit Basin Ongoing Riparian Stewardship	Skagit River Sys Cooperative	\$167,858.00	\$30,122.00	\$84,620.00	\$84,620.00	\$114,742.00	
	Totals:							\$1,952,176.00	\$347,703.00	\$1,120,676.00	\$1,120,676.00	\$2,216,641.00
	Remaining Allocation:							\$0.00				

SNOHOMISH BASIN LEAD ENTITY

2019 December (Ranked List is in "Accepted" status)					Number of Projects: 1		Salmon Allocation					
							\$511,397.00					
Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding	
	1	<u>18-1258</u>	<u>18-1258</u>	King Co Water & Land Res	Riverbend Floodplain Restoration Construction	King Co Water & Land Res	\$5,900,000.00	\$1,046,259.00	\$511,397.00	\$511,397.00	\$6,946,259.00	
		<u>Rest</u>		Riverbend Floodplain Restoration Construction	NOTE: ASSIGNED LAKE WASHINGTON/CEDAR/SAMMAMISH WATERSHED (WR1A 8) LEAD ENTITY							
				NOTE: ASSIGNED LAKE WASHINGTON/CEDAR/SAMMAMISH WATERSHED (WR1A 8) LEAD ENTITY								
							Totals:	\$5,900,000.00	\$1,046,259.00	\$511,397.00	\$511,397.00	\$6,946,259.00
							Remaining Allocation:	\$0.00				

STILLAGUAMISH RIVER SALMON RECOVERY CO-LEAD ENTITY

2019 December (Ranked List is in "Accepted" status) Number of Projects: 4

Salmon
Allocation
\$499,070.00

Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
Partial	1	<u>19-1365</u> <u>Acq</u>	<u>19-1365</u>	Stillaguamish Tribe of Indians Stillaguamish Tidal Wetlands- Acq.	Stillaguamish Tidal Wetlands- Acq.	Stillaguamish Tribe of Indians	\$1,255,298.00	\$1,341,852.00	\$159,070.00	\$159,070.00	\$1,500,922.00
Partial	2	<u>19-1147</u> <u>Plan</u>	<u>19-1147</u>	Snohomish County Public Works Chatham Acres Restoration and Design	Chatham Acres Restoration and Design	Snohomish County Public Works	\$180,000.00	\$0.00	\$50,000.00	\$50,000.00	\$50,000.00
Partial	3	<u>19-1151</u> <u>Rest</u>	<u>19-1151</u>	Snohomish County Public Works Knotweed Control & Restoration in the Stilly	Knotweed Control & Restoration in the Stilly	Snohomish County Public Works	\$200,000.00	\$35,500.00	\$40,000.00	\$40,000.00	\$75,500.00
	4	<u>19-1366</u> <u>Rest</u>	<u>19-1366</u>	Sound Salmon Solutions Grant Creek Construction	Grant Creek Construction	Sound Salmon Solutions	\$250,000.00	\$44,118.00	\$250,000.00	\$250,000.00	\$294,118.00
Totals:							\$1,885,298.00	\$1,421,470.00	\$499,070.00	\$499,070.00	\$1,920,540.00
Remaining Allocation:									\$0.00		

WEST SOUND WATERSHEDS COUNCIL LEAD ENTITY

2019 December (Ranked List is in "Accepted" status) Number of Projects: 2

Salmon
Allocation
\$266,339.00

Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
Partial	1	<u>19-1390</u> <u>Rest</u>	<u>19-1390</u>	Kitsap County Chico Creek Salmon Park Habitat Restoration	Chico Creek Salmon Park Habitat Restoration	Kitsap County	\$266,407.00	\$48,000.00	\$266,339.00	\$266,339.00	\$314,339.00
Alternate	2	<u>19-1385</u> <u>Acq</u>	<u>19-1385</u>	Great Peninsula Conservancy Lower Grovers Creek Habitat Protection	Lower Grovers Creek Habitat Protection	Great Peninsula Conservancy	\$139,900.00	\$65,000.00	\$0.00	\$0.00	\$65,000.00
Totals:							\$406,307.00	\$113,000.00	\$266,339.00	\$266,339.00	\$379,339.00
Remaining Allocation:									\$0.00		

WRIA 1 WATERSHED MANAGEMENT BOARD

2019 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 Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
	1	<u>19-1393</u> <u>Mon</u>	<u>19-1393</u>	Lummi Nation South Fork Nooksack PIT Monitoring	South Fork Nooksack PIT Monitoring	Lummi Nation	\$64,310.00	\$11,541.00	\$64,310.00	\$64,310.00	\$75,851.00
	2	<u>19-1395</u> <u>Rest</u>	<u>19-1395</u>	Nooksack Indian Tribe NF Nooksack Maple (P'eq'ósiy) Reach Phase 1	NF Nooksack Maple (P'eq'ósiy) Reach Phase 1	Nooksack Indian Tribe	\$578,793.00	\$102,147.00	\$578,793.00	\$578,793.00	\$680,940.00
Alternate	3	<u>19-1394</u> <u>Rest</u>	<u>19-1394</u>	Lummi Nation SF Fobes Reach Phase 2 Restoration	SF Fobes Reach Phase 2 Restoration	Lummi Nation	\$579,000.00	\$102,200.00	\$0.00	\$0.00	\$102,200.00
Alternate	4	<u>19-1548</u> <u>Rest</u>	<u>19-1548</u>	City of Bellingham Little Squalicum Estuary Restoration	Little Squalicum Estuary Restoration	City of Bellingham	\$500,000.00	\$88,236.00	\$0.00	\$0.00	\$88,236.00
Totals:							\$1,722,103.00	\$304,124.00	\$643,103.00	\$643,103.00	\$947,227.00
Remaining Allocation:									\$0.00		

WRIA 13 SALMON HABITAT RECOVERY COMMITTEE LEAD ENTITY

2019 December (Ranked List is in "Accepted" status) Number of Projects: 3

Salmon
Allocation
\$176,039.00

Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
	1	<u>19-1398</u> <u>Acq</u>	<u>19-1398</u>	Capitol Land Trust Lower Eld Nearshore Habitat Complex Acquisition	Lower Eld Nearshore Habitat Complex Acquisition	Capitol Land Trust	\$75,000.00	\$265,500.00	\$75,000.00	\$75,000.00	\$340,500.00
Partial	2	<u>19-1443</u> <u>Rest</u>	<u>19-1443</u>	South Puget Sound SEG Deschutes RM 34.5 In-stream Complexity	Deschutes RM 34.5 In-stream Complexity	South Puget Sound SEG	\$595,000.00	\$105,000.00	\$101,039.00	\$101,039.00	\$206,039.00
Alternate	3	<u>19-1417</u> <u>Rest</u>	<u>19-1417</u>	South Puget Sound SEG Beatty Crik @ Chelsie Ln Fish Barrier Replacement	Beatty Crik @ Chelsie Ln Fish Barrier Replacement	South Puget Sound SEG	\$185,373.00	\$284,932.00	\$0.00	\$0.00	\$284,932.00
Totals:							\$855,373.00	\$655,432.00	\$176,039.00	\$176,039.00	\$831,471.00
Remaining Allocation:									\$0.00		

WRIA 14 SALMON HABITAT RECOVERY COMMITTEE LEAD ENTITY

2019 December (Ranked List is in "Accepted" status) Number of Projects: 1

Salmon
Allocation
\$210,557.00

Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
	1	<u>18-1258</u> <u>Rest</u>	<u>18-1258</u>	King Co Water & Land Res Riverbend Floodplain Restoration Construction NOTE: ASSIGNED LAKE WASHINGTON/CEDAR/SAMMAMISH WATERSHED (WRIA 8) LEAD ENTITY	NOTE: ASSIGNED LAKE WASHINGTON/CEDAR/SAMMAMISH WATERSHED (WRIA 8) LEAD ENTITY	King Co Water & Land Res	\$5,900,000.00	\$1,046,259.00	\$210,557.00	\$210,557.00	\$6,946,259.00
Totals:							\$5,900,000.00	\$1,046,259.00	\$210,557.00	\$210,557.00	\$6,946,259.00
Remaining Allocation:									\$0.00		

REGION: SNAKE RIVER											
							Regional Allocation/Allotment:	\$1,519,200.00			
							Remaining:	\$0.00			
SNAKE RIVER SALMON RECOVERY BOARD LEAD ENTITY									Salmon Allocation		
2019 December (Ranked List is in "Accepted" status) Number of Projects: 11									\$1,519,200.00		
Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
	1	<u>19-1496</u> <i>Rest</i>	<u>19-1496</u>	Umatilla Confederated Tribes	North Touchet Restoration RM 1.3-2.0	Umatilla Confederated Tribes	\$324,107.00	\$82,500.00	\$324,107.00	\$324,107.00	\$406,607.00
	2	<u>19-1494</u> <i>Rest</i>	<u>19-1494</u>	Columbia Conservation Dist	Tucannon PA 26 LWD Enhancement	Columbia Conservation Dist	\$250,062.00	\$57,122.00	\$250,062.00	\$250,062.00	\$307,184.00
	3	<u>19-1495</u> <i>Rest</i>	<u>19-1495</u>	Dept of Fish & Wildlife	Tucannon PA 13 Habitat Enhancement	Dept of Fish & Wildlife	\$399,991.00	\$100,000.00	\$399,991.00	\$399,991.00	\$499,991.00
	4	<u>19-1498</u> <i>Rest</i>	<u>19-1498</u>	Asotin Co Conservation Dist	Cottonwood Creek Fish Passage Restoration	Asotin Co Conservation Dist	\$104,700.00	\$86,100.00	\$104,700.00	\$104,700.00	\$190,800.00
	5	<u>19-1499</u> <i>Rest</i>	<u>19-1499</u>	Asotin Co Conservation Dist	Increase Wood Densities in Asotin IMW Restoration	Asotin Co Conservation Dist	\$32,500.00	\$7,000.00	\$32,500.00	\$32,500.00	\$39,500.00
	6	<u>19-1461</u> <i>Rest</i>	<u>19-1461</u>	Walla Walla Co Cons Dist	McCaw Restoration Phase C Construction	Walla Walla Co Cons Dist	\$332,309.00	\$60,000.00	\$332,309.00	\$332,309.00	\$392,309.00
Partial	7	<u>19-1463</u> <i>Plan</i>	<u>19-1463</u>	Asotin Co Conservation Dist	Asotin Creek PA 06 Design	Asotin Co Conservation Dist	\$85,000.00	\$16,000.00	\$75,531.00	\$75,531.00	\$91,531.00
Alternate	8	<u>19-1497</u> <i>Plan</i>	<u>19-1497</u>	Tri-State Steelheaders Inc	Walla Walla B2B Phase 3 Design	Tri-State Steelheaders Inc	\$55,250.00	\$9,750.00	\$0.00	\$0.00	\$9,750.00
Alternate	9	<u>19-1500</u> <i>Rest</i>	<u>19-1500</u>	Asotin Co Conservation Dist	Tennile Creek PA 65, 66, & 67 LWD Instream Habitat	Asotin Co Conservation Dist	\$63,000.00	\$12,000.00	\$0.00	\$0.00	\$12,000.00
Alternate	10	<u>19-1493</u> <i>Plan</i>	<u>19-1493</u>	Walla Walla Co Cons Dist	Touchet River Mile 42 Restoration Project Design	Walla Walla Co Cons Dist	\$107,023.00	\$0.00	\$0.00	\$0.00	\$0.00
Alternate	11	<u>19-1501</u> <i>Rest</i>	<u>19-1501</u>	Asotin Co Conservation Dist	Couse Creek LWD Instream Habitat Project - PA 79	Asotin Co Conservation Dist	\$92,500.00	\$17,200.00	\$0.00	\$0.00	\$17,200.00
Totals:							\$1,846,442.00	\$447,672.00	\$1,519,200.00	\$1,519,200.00	\$1,966,872.00
Remaining Allocation:							\$0.00				

REGION: UPPER COLUMBIA

							Regional Allocation/Allotment:	\$1,855,800.00			
							Remaining:	\$0.00			
UPPER COLUMBIA SALMON RECOVERY BOARD LEAD ENTITY											
2019 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 Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
	1	19-1480 Acc	19-1480	Chelan Co Natural Resource	Nason Ridge Salmon Habitat Acquisition	Chelan Co Natural Resource	\$750,000.00	\$4,550,000.00	\$750,000.00	\$750,000.00	\$5,300,000.00
	2	19-1471 Plan	19-1471	Cascade Col Fish Enhance Group	Okanogan Basin Barrier Assessment	Cascade Col Fish Enhance Group	\$160,326.00	\$33,500.00	\$160,326.00	\$160,326.00	\$193,826.00
	3	19-1466 Acc	19-1466	Chelan-Douglas Land Trust	Nason & Kahler Creeks Confluence Acquisition	Chelan-Douglas Land Trust	\$184,575.00	\$184,550.00	\$184,575.00	\$184,575.00	\$369,125.00
	4	19-1479 Plan	19-1479	Chelan Co Natural Resource	Peshastin Irrigation District Pumpback Design	Chelan Co Natural Resource	\$114,750.00	\$20,250.00	\$114,750.00	\$114,750.00	\$135,000.00
	5	19-1477 Plan	19-1477	Chelan Co Natural Resource	Peshastin RM 4.3 Side Channel Preliminary Design	Chelan Co Natural Resource	\$79,208.00	\$19,802.00	\$79,208.00	\$79,208.00	\$99,010.00
	6	19-1486 Mon	19-1486	Colville Confederated Tribes	Methow River EDT High Priority Data Gaps	Colville Confederated Tribes	\$71,086.00	\$60,000.00	\$71,086.00	\$71,086.00	\$131,086.00
Partial	7	19-1475 Rest	19-1475	Chelan Co Natural Resource	Wenatchee River-Monitor Side Channel Construction	Chelan Co Natural Resource	\$148,265.00	\$148,265.00	\$41,406.00	\$41,406.00	\$189,671.00
	8	19-1472 Plan	19-1472	Cascade Col Fish Enhance Group	Restoring Lower Chiwaukum Crk Design - Phase 1	Cascade Col Fish Enhance Group	\$61,158.00	\$55,098.00	\$61,158.00	\$61,158.00	\$116,256.00
	9	19-1492 Rest	19-1492	Yakama Nation	Nason Creek Confluence Habitat Enhancement	Yakama Nation	\$133,275.00	\$226,730.00	\$133,275.00	\$133,275.00	\$360,005.00
	10	19-1470 Plan	19-1470	Cascade Col Fish Enhance Group	Upper Methow River Restoration Assessment & Design	Cascade Col Fish Enhance Group	\$37,700.00	\$42,500.00	\$37,700.00	\$37,700.00	\$80,200.00
	11	19-1488 Rest	19-1488	Methow Salmon Recovery Found	Fuller Side Channel Well Conversion	Methow Salmon Recovery Found	\$34,010.00	\$6,100.00	\$34,010.00	\$34,010.00	\$40,110.00
Partial	12	19-1489 Rest	19-1489	Trout Unlimited Inc.	Lower Wenatchee Instream Flow Enhance Phase II	Trout Unlimited Inc.	\$250,000.00	\$2,247,985.00	\$188,306.00	\$188,306.00	\$2,436,291.00
Alternate	13	19-1490 Rest	19-1490	Trout Unlimited-WA Water Proj	Leavenworth Fish Screen	Trout Unlimited-WA Water Proj	\$200,000.00	\$700,084.00	\$0.00	\$0.00	\$700,084.00
Alternate	14	19-1491 Rest	19-1491	Yakama Nation	Entiat Restoration - Upper Burns & Angle Point	Yakama Nation	\$404,000.00	\$666,500.00	\$0.00	\$0.00	\$666,500.00
Alternate	15	19-1375 Rest	19-1375	Yakama Nation	Methow River - Golden Doe Large Wood Restoration	Yakama Nation	\$501,210.00	\$503,380.00	\$0.00	\$0.00	\$503,380.00
Alternate	16	19-1484 Plan	19-1484	Chelan Co Natural Resource	Wenatchee Ecosystem Diagnosis & Treatment Assess	Chelan Co Natural Resource	\$164,000.00	\$204,000.00	\$0.00	\$0.00	\$204,000.00
Alternate	17	19-1485 Rest	19-1485	Chelan Co Natural Resource	Eagle Creek Fish Barrier Removal	Chelan Co Natural Resource	\$205,700.00	\$36,300.00	\$0.00	\$0.00	\$36,300.00
Totals:							\$3,499,263.00	\$9,705,044.00	\$1,855,800.00	\$1,855,800.00	\$11,560,844.00
Remaining Allocation:							\$0.00				

REGION: COASTAL

										Regional Allocation/Allotment:	\$1,722,800.00
										Remaining:	\$0.00
CHEHALIS BASIN LEAD ENTITY										Salmon Allocation \$673,865.00	
2019 December (Ranked List is in "Accepted" status) Number of Projects: 8											
Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
	1	19-1184 Plan	19-1184	Chehalis Basin FTF Kirkpatrick Road Fish Barrier Correction Design	Kirkpatrick Road Fish Barrier Correction Design	Chehalis Basin FTF	\$79,000.00	\$0.00	\$79,000.00	\$79,000.00	\$79,000.00
	2	19-1104 Rest	19-1104	Chehalis Basin FTF Wildcat Road Fish Barrier Correction	Wildcat Road Fish Barrier Correction	Chehalis Basin FTF	\$294,897.00	\$52,041.00	\$294,897.00	\$294,897.00	\$346,938.00
	3	19-1185 Plan	19-1185	Chehalis Basin FTF Newskah Road #2 Fish Barrier Correction Design	Newskah Road #2 Fish Barrier Correction Design	Chehalis Basin FTF	\$36,000.00	\$0.00	\$36,000.00	\$36,000.00	\$36,000.00
	4	19-1442 Acc	19-1442	Chehalis R Basin Land Trust Gronberg - East Hoquiam Acquisition	Gronberg - East Hoquiam Acquisition	Chehalis R Basin Land Trust	\$210,000.00	\$39,000.00	\$210,000.00	\$210,000.00	\$249,000.00
Partial	5	19-1280 Rest	19-1280	Lewis Conservation District Hogue Fish Passage-Phase II	Hogue Fish Passage-Phase II	Lewis Conservation District	\$120,043.00	\$99,000.00	\$53,968.00	\$53,968.00	\$152,968.00
Alternate	6	19-1317 Rest	19-1317	Grays Harbor Conservation Dist Middle Fork Hoquiam Tidal Restoration	Middle Fork Hoquiam Tidal Restoration	Grays Harbor Conservation Dist	\$250,000.00	\$2,000,000.00	\$0.00	\$0.00	\$2,000,000.00
Alternate	7	19-1183 Rest	19-1183	Thurston County Jones Road at Salmon Creek Culvert Replacement	Jones Road at Salmon Creek Culvert Replacement	Thurston County	\$80,000.00	\$620,000.00	\$0.00	\$0.00	\$620,000.00
Alternate	8	19-1279 Rest	19-1279	Lewis Conservation District Hamilton Fish Passage Project	Hamilton Fish Passage Project	Lewis Conservation District	\$40,000.00	\$147,227.00	\$0.00	\$0.00	\$147,227.00
Totals:							\$1,109,940.00	\$2,957,268.00	\$673,865.00	\$673,865.00	\$3,631,133.00
Remaining Allocation:							\$0.00				

NORTH PACIFIC COAST LEAD ENTITY										Salmon Allocation \$348,567.00	
2019 December (Ranked List is in "Accepted" status) Number of Projects: 5											
Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
	1	19-1467 Rest	19-1467	Quileute Tribe of the Quileute Rayonier 5050 Road Crossing Removal	Rayonier 5050 Road Crossing Removal	Quileute Tribe of the Quileute	\$78,396.00	\$13,835.00	\$78,396.00	\$78,396.00	\$92,231.00
	2	19-1521 Plan	19-1521	Trout Unlimited - WA Coast Wisen Creek & Tributary Stream Crossing Designs x3	Wisen Creek & Tributary Stream Crossing Designs x3	Trout Unlimited - WA Coast	\$137,896.00	\$24,350.00	\$137,896.00	\$137,896.00	\$162,246.00
Partial	3	19-1397 Rest	19-1397	Clallam Conservation Dist FS Road 29 MP 15.9 Culvert Replacement	FS Road 29 MP 15.9 Culvert Replacement	Clallam Conservation Dist	\$156,938.00	\$28,140.00	\$132,275.00	\$132,275.00	\$160,415.00
Alternate	4	19-1458 Rest	19-1458	Quileute Tribe of the Quileute Rayonier 5300 Structure Removal & Decommission	Rayonier 5300 Structure Removal & Decommission	Quileute Tribe of the Quileute	\$157,686.00	\$27,827.00	\$0.00	\$0.00	\$27,827.00
Alternate	5	19-1503 Rest	19-1503	Pacific Coast Salmon Coalition SSHEAR Legacy Fishway Resolution	SSHEAR Legacy Fishway Resolution	Pacific Coast Salmon Coalition	\$175,715.00	\$32,500.00	\$0.00	\$0.00	\$32,500.00
Totals:							\$706,631.00	\$126,652.00	\$348,567.00	\$348,567.00	\$475,219.00
Remaining Allocation:							\$0.00				

QUINAUTL INDIAN NATION LEAD ENTITY										Salmon Allocation \$340,329.00	
2019 December (Ranked List is in "Accepted" status) Number of Projects: 3											
Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
Partial	1	19-1315 Rest	19-1315	Quinault Indian Nation Lower Quinault Invasive Project (Phase 7)	Lower Quinault Invasive Project (Phase 7)	Quinault Indian Nation	\$150,000.00	\$26,473.00	\$150,000.00	\$150,000.00	\$176,473.00
	2	19-1522 Rest	19-1522	The Nature Conservancy Lower Clearwater Tributaries Restoration	Lower Clearwater Tributaries Restoration	The Nature Conservancy	\$226,701.00	\$40,008.00	\$190,329.00	\$190,329.00	\$230,337.00
Alternate	3	19-1529 Rest	19-1529	10,000 Years Institute Snahapish River Invasive Plant Control – Phase 3	Snahapish River Invasive Plant Control – Phase 3	10,000 Years Institute	\$71,550.00	\$15,500.00	\$0.00	\$0.00	\$15,500.00
Totals:							\$448,251.00	\$81,981.00	\$340,329.00	\$340,329.00	\$422,310.00
Remaining Allocation:							\$0.00				

WILLAPA BAY LEAD ENTITY										Salmon Allocation \$359,839.00	
2019 December (Ranked List is in "Accepted" status) Number of Projects: 3											
Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
Partial	1	19-1102 Rest	19-1102	Pacific Conservation Dist Willapa River Irrigation Fish Screen Replacement	Willapa River Irrigation Fish Screen Replacement	Pacific Conservation Dist	\$51,000.00	\$9,000.00	\$51,000.00	\$51,000.00	\$60,000.00
	2	19-1103 Plan	19-1103	Pacific Conservation Dist Letsinger Habitat Restoration Design	Letsinger Habitat Restoration Design	Pacific Conservation Dist	\$120,000.00	\$0.00	\$120,000.00	\$120,000.00	\$120,000.00
	3	19-1514 Plan	19-1514	Pacific Conservation Dist Forks Creek Reach-Level Large Wood Design	Forks Creek Reach-Level Large Wood Design	Pacific Conservation Dist	\$188,839.00	\$0.00	\$188,839.00	\$188,839.00	\$188,839.00
Totals:							\$359,839.00	\$9,000.00	\$359,839.00	\$359,839.00	\$368,839.00
Remaining Allocation:							\$0.00				

REGION: MID COLUMBIA

										Regional Allocation/Allotment:	\$1,688,400.00
										Remaining:	\$0.00
KLICKITAT COUNTY LEAD ENTITY										Salmon Allocation \$575,096.00	
2019 December (Ranked List is in "Accepted" status) Number of Projects: 3											
Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
	1	19-1551 Plan	19-1551	Yakama Nation Fish Passage and Habitat Design on Spring Creek	Fish Passage and Habitat Design on Spring Creek	Yakama Nation	\$121,500.00	\$0.00	\$121,500.00	\$121,500.00	\$121,500.00
	2	19-1552 Rest	19-1552	Eastern Klickitat CD Walaluks Creek levee setback	Walaluks Creek levee setback	Eastern Klickitat CD	\$249,596.00	\$44,100.00	\$249,596.00	\$249,596.00	\$293,696.00
	3	19-1550 Rest	19-1550	Yakama Nation Forest Road 80 x-ing of Piscoe Creek	Forest Road 80 x-ing of Piscoe Creek	Yakama Nation	\$204,000.00	\$36,000.00	\$204,000.00	\$204,000.00	\$240,000.00
Totals:							\$575,096.00	\$80,100.00	\$575,096.00	\$575,096.00	\$655,196.00
Remaining Allocation:							\$0.00				

The Yakima Fish & Wildlife Recovery is providing \$453,596 to the Klickitat County Lead Entity for 19-1552 and 19-1550.

YAKIMA BASIN FISH AND WILDLIFE RECOVERY BOARD LEAD ENTITY

2019 December (Ranked List is in "Accepted" status) Number of Projects: 7

											Salmon Allocation \$1,234,804.00
Alternate or Partial	Rank	Project Number, Project Type	Project Number	Project Sponsor, Project Name	Project Name	Project Sponsor	Grant Request	Sponsor Match	Proposed Salmon Funding	Total Proposed Award	Total Funding
	1	<u>19-1427</u> <u>Rest</u>	<u>19-1427</u>	Kittitas Co Conservation Dist The Ranch on Swauk Creek Project	The Ranch on Swauk Creek Project	Kittitas Co Conservation Dist	\$168,691.00	\$60,464.00	\$168,691.00	\$168,691.00	\$229,155.00
	2	<u>19-1424</u> <u>Rest</u>	<u>19-1424</u>	Trout Unlimited Inc. Tjossem Ditch -- Improving Salmonid Survival	Tjossem Ditch -- Improving Salmonid Survival	Trout Unlimited Inc.	\$249,774.00	\$49,000.00	\$249,774.00	\$249,774.00	\$298,774.00
	3	<u>19-1447</u> <u>Plan</u>	<u>19-1447</u>	Yakama Nation Tieton River Restoration Design Site #4	Tieton River Restoration Design Site #4	Yakama Nation	\$90,000.00	\$0.00	\$90,000.00	\$90,000.00	\$90,000.00
	4	<u>19-1524</u> <u>Plan</u>	<u>19-1524</u>	Mid-Columbia RFEG Upper Yakima River Cottonwood Assessment	Upper Yakima River Cottonwood Assessment	Mid-Columbia RFEG	\$199,764.00	\$36,431.00	\$199,764.00	\$199,764.00	\$236,195.00
Partial	5	<u>19-1446</u> <u>Plan</u>	<u>19-1446</u>	Yakama Nation Ahtanum Village Restoration Design	Ahtanum Village Restoration Design	Yakama Nation	\$120,000.00	\$0.00	\$73,651.00	\$73,651.00	\$73,651.00
	6	<u>19-1430</u> <u>Rest</u>	<u>19-1430</u>	Mid-Columbia RFEG Spoon Full Farm Side Channels	Spoon Full Farm Side Channels	Mid-Columbia RFEG	\$338,295.00	\$60,300.00	\$338,295.00	\$338,295.00	\$398,595.00
	7	<u>19-1502</u> <u>Plan</u>	<u>19-1502</u>	Kittitas Conservation Trust Hanson Ponds Project	Hanson Ponds Project	Kittitas Conservation Trust	\$187,418.00	\$0.00	\$114,629.00	\$114,629.00	\$114,629.00
Totals:							\$1,353,942.00	\$206,195.00	\$1,234,804.00	\$1,234,804.00	\$1,440,999.00
Remaining Allocation:							\$0.00				

RCO allows flexibility for regions and lead entities to share their allocations by using some or all of their funding for projects in other areas, for example a project of regional or statewide significance. Lead entities cannot change their allocations, and must show all projects they are funding on their lists. Lead entities receiving funding also must show the projects on their lists, even if they are putting no funds toward the project.