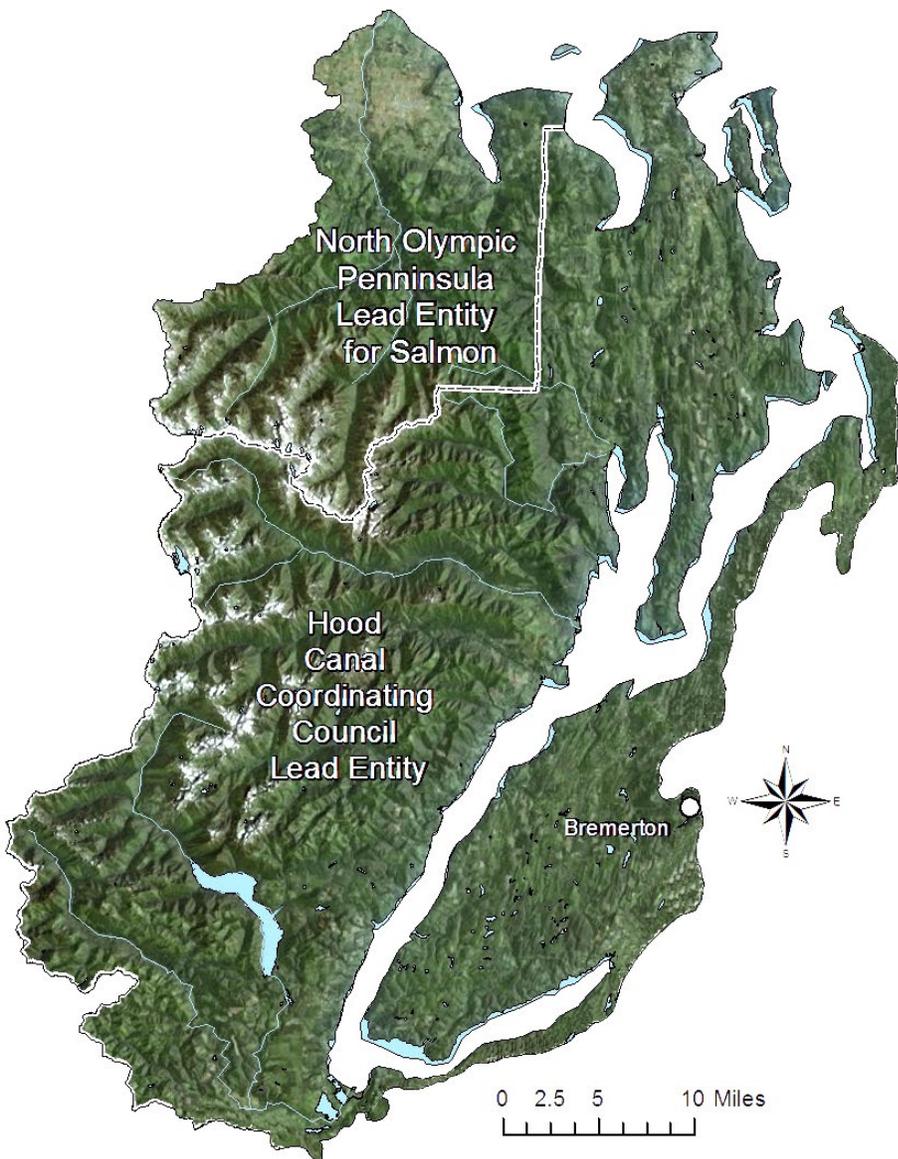


Hood Canal Salmon Recovery Region



Hood Canal Coordinating Council
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Region Overview

Geography

The Hood Canal Salmon Recovery Region is nested within the Puget Sound Salmon Recovery Region for Chinook and steelhead. The Hood Canal Salmon Recovery Region is a separate salmon recovery region for Hood Canal and eastern Strait of Juan de Fuca summer chum salmon. It includes parts of Jefferson, Mason, Clallam, and Kitsap Counties.

Water Resource Inventory Areas (WRIA)

All or parts of Kitsap (15), Skokomish-Dosewallips (16), Quilcene-Snow (17), and Elwha-Dungeness (18) and part of Shelton (14)

Federally Recognized Tribes

Jamestown S’Klallam Tribe, Lower Elwha Klallam Tribe, Port Gamble S’Klallam Tribe, Skokomish Indian Tribe, Suquamish Tribe

Salmon Recovery Plan

Table 1. Hood Canal Salmon Recovery Region-Hood Canal and Eastern Strait of Juan de Fuca Summer Chum Salmon Recovery Plan

Hood Canal and Eastern Strait of Juan de Fuca Summer Chum Salmon Recovery Plan	
Regional Organization	Hood Canal Coordinating Council, composed of Jefferson, Kitsap, and Mason Counties and the Port Gamble S’Klallam and Skokomish Tribes
Plan Timeframe	10-30 years
Actions Identified to Implement Plan	296
Estimated Cost	\$130 million
Status	NOAA-Fisheries formally adopted the recovery plan for Hood Canal and Eastern Strait of Juan de Fuca summer chum salmon in May 2007.
Implementation Strategy Status	The Hood Canal Coordinating Council and its plan implementation partners are using an implementation strategy, Guidance for Prioritizing Salmonid Stocks, Issues, and Actions for the Hood Canal Coordinating Council with more detailed information on the highest priority recovery plan actions in the Priorities and Immediate Needs, 2018 Call for Salmon Habitat Projects .
Web Information	Hood Canal Coordinating Council Web Site Habitat Work Schedule

Endangered Species Act Listings

Table 2. Hood Canal Salmon Recovery Region Listed Species

Species Listed	Listed As	Date Listed
Hood Canal Summer Chum	Threatened	March 25, 1999

Region and Lead Entities

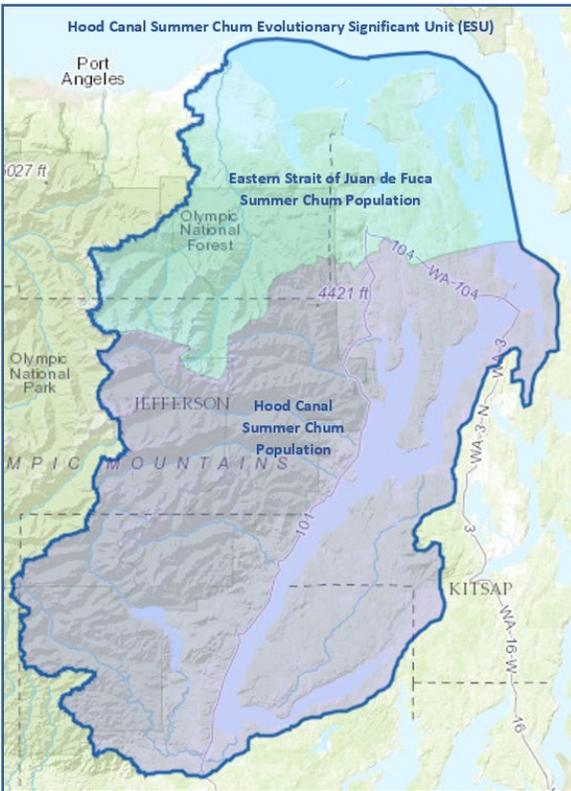


The Hood Canal Coordinating Council is the regional recovery organization for Hood Canal and eastern Strait of Juan de Fuca summer chum salmon. The council is also the lead entity covering the Hood Canal summer chum evolutionarily significant unit areas encompassed by Mason, Kitsap, and Jefferson Counties. The North Olympic Peninsula Lead Entity for Salmon covers the area of the summer chum evolutionarily significant unit area within Clallam County. The Hood Canal Coordinating Council Lead Entity addresses habitat actions for evolutionarily significant unit listed species of summer chum and Chinook also benefitting Endangered Species Act-listed steelhead and bull trout.

Regional Area Summary Questions and Responses

Describe the process and criteria used to develop allocations across lead entities or watersheds within the region?

The Hood Canal and eastern Strait of Juan de Fuca summer chum salmon evolutionarily significant unit is composed of two population aggregations, Hood Canal and eastern Strait of Juan de Fuca. Within the geographic area supporting each population, is several watersheds with subpopulations of Hood Canal summer chum.



The recovery project implementation for the Hood Canal population is coordinated by the Hood Canal Coordinating Council Lead Entity. Recovery project implementation for the eastern Strait of Juan de Fuca population is coordinated by the Hood Canal Coordinating Council Lead Entity, working in collaboration with the North Olympic Peninsula Lead Entity for Salmon. Project proposals from the North Olympic Peninsula Lead Entity for Salmon area addressing summer chum habitat in Clallam County are coordinated through the Hood Canal Coordinating Council Lead Entity and evaluated and ranked alongside all other Hood Canal salmon projects. The North Olympic Peninsula Lead Entity for Salmon is represented both on the council's Technical Advisory Group and the Citizens Advisory Group.

In March 2015, the Hood Canal Coordinating Council Board of Directors approved the [Guidance for Prioritizing Salmonid Stocks, Issues, and Actions for the Hood Canal Coordinating Council](#) as guidance for the lead entity process in March 2015. The regional salmon recovery prioritization guidance focuses salmon recovery project development and evaluation to ensure funding is directed toward efforts that make the greatest impact feasible toward salmon recovery in the region.

Criteria considered in the stock evaluation include the following:

- Stock status (expected or known)
- Role in species abundance
- Role in species diversity (also considers spatial structure and effects of asynchrony)
- Certainty of knowledge about status and limiting factors
- Certainty of success with focused actions (may consider knowledge of limiting factors and evidence for past success)
- Ecological significance (considers benefits to ecosystem, e.g. added nutrients and/or food resources with timing of presence)

- Biological uniqueness
- Tribal cultural significance
- Non-tribal social significance
- Economic significance

The HCCC has updated the *Guidance for Updating Recovery for the Hood Canal and Eastern Strait of Juan de Fuca Summer Chum Salmon Populations*. The update will be available in the fall 2018 and includes revisions to the summer chum salmon viability analysis and addresses issues of spatial structure and diversity. The update allows the Hood Canal Coordinating Council to create a new habitat project list that will lead towards recovery and delisting. Recommendations from the updated guidance were used for prioritization refinement to identify actions included in the [Hood Canal Coordinating Council Priorities and Immediate Needs, 2018 Call for Salmon Habitat Projects](#).

Region-wide, project sponsors submitted their highest priority projects for salmon recovery through the Hood Canal Coordinating Council Lead Entity process according to the council's Call for Salmon Habitat Projects. Technical evaluation by the Technical Advisory Group included assessing the alignment of the proposed projects with prioritization guidance and the Call for Projects.

The Citizen Advisory Group evaluated proposed priority salmon recovery projects considering council guidance for distribution of lead entity funding across the Hood Canal region considering factors such as regional priorities, funding availability, cost for benefit received, community support, socio/political and economic implications, education to community of salmon recovery, and likelihood of priority action being achieved.

Regional Technical Review Process

Explain how the regional technical review conducted. What criteria were used for the regional technical review?

The Hood Canal Coordinating Council Board of Directors' [Guidance for Prioritizing Salmonid Stocks, Issues, and Actions for the Hood Canal Coordinating Council](#) provides regional salmon recovery prioritization guidance for salmon recovery project development and evaluation. The basis of the evaluation criteria is laid out in the guidance by asking the following four overarching questions about a proposed project:

1. What is the priority level of the highest priority salmonid stock that would benefit from the proposed project?

2. What is the relative importance of the issue (or the priority of that issue) affecting the performance of the stock that a proposed project aims to positively affect by its implementation?
3. What is the relative importance of the action corresponding to a proposed project in its potential for redressing the targeted issue that affects the stock of interest?
4. Do the project merits adequately and logically contribute to the issue affecting the targeted stock while demonstrating the project readiness for funding?

These questions led to the following Technical Advisory Group scoring criteria:

- Benefit to Salmon: alignment of primary issues affecting targeted stock, project objectives lead to salmon recovery, adequate longevity of benefit.
- Certainty of Success: appropriate and logical project scope, sequencing, and planning efforts; project implementation readiness.
- Cost Effectiveness: justified project expense and benefit relative to cost.

Who completed the review (name, affiliation, and expertise) and are they part of the regional organization or independent?

The regional and reach-scale technical reviews were conducted by the Hood Canal Coordinating Council Technical Advisory Group, a group appointed by the council’s board of directors and charged with serving as advisory to the council’s Citizens Committee through the technical evaluation of salmon recovery projects. The Citizens Committee consists of the board of directors and Citizens Advisory Group. Table 3 shows the Citizens Committee membership including Citizens Advisory Group membership and board representation. Table 4 provides the members, expertise, and affiliation of the Technical Advisory Group.

Table 3: Citizens Committee Membership

Citizen Advisory Group Member	Member Representation
Linda Streissguth	Kitsap County
Rebecca Mars	Kitsap County
Richard Wojt	Jefferson County
Lee Swoboda	Mason County
Ron Gold	Mason County
Julianna Sullivan	Port Gamble S’Klallam Tribe
Thom Johnson	Port Gamble S’Klallam Tribe
Alex Gouley	Skokomish Tribe
Randy Lumpfer	Skokomish Tribe
Cheryl Baumann	North Olympic Peninsula Lead Entity
Monica Harle	Environmental Group Interests (Hood Canal Environmental Council)

Chris Jones	Shellfish Industry Interests (Pacific Seafood Hatchery)
Board of Directors Jurisdiction Representation	
Kitsap County Commissioners	
Jefferson County Commissioners	
Mason County Commissioners	
Port Gamble S’Klallam Tribal Chair	
Skokomish Tribal Leadership Representative	

Table 4: Technical Advisory Group Membership

Member Name	Expertise	Member Affiliation
David Nash	GIS Analyst	Kitsap County
Evan Bauder	Habitat Program Manager	Mason County
Tami Pokorny	Geomorphologist	Jefferson County
David Tucker	Engineer	Kitsap County Public Works
Hans Daubenberger	Habitat & Marine Biologist, Research & Monitory Program Manager	Port Gamble S’Klallam Tribe
Sam Phillips	Environmental Scientist	Port Gamble S’Klallam Tribe
Seth Book	Environmental Planner	Skokomish Tribe
Lisa Belleveau	Habitat Biologist	Skokomish Tribe
Eric Carlsen	Engineer	North Olympic Peninsula Lead Entity
Chris Waldibillig	Hood Canal Habitat Biologist	State Department of Fish and Wildlife
Marc McHenry	Fish Biologist	U.S. Forest Service
Carrie Cook-Tabor	Fish Biologist	U.S. Fish and Wildlife Service
Micah Wait	Director of Conservation	Wild Fish Conservancy, SRFB Monitoring Panel
Stephanie Porter	Marine Biologist	Pacific Seafood Hatchery
Renee Scherdnik	Water Resource Specialist	Kitsap County Public Works

Were there any projects submitted to the SRFB for funding that were not specifically identified in the regional implementation plan or habitat work schedule? (If so, please provide justification for including these projects to the list of projects recommended to the SRFB for funding. If the projects were identified in the regional implementation plan or strategy but considered a low priority or in a low priority area, please provide justification.)

All forwarded projects in 2018 are consistent with the salmon recovery plans and regional salmon recovery prioritization guidance, [Guidance for Prioritizing Salmonid Stocks, Issues, and Actions for the Hood Canal Coordinating Council](#) which serves as the Hood Canal Coordinating Council Lead Entity Implementation Strategy. Projects submitted through the lead entity must align with the [Priorities and Immediate Needs, 2018 Call for Salmon Habitat Projects](#), which highlights the current focused needs for salmon recovery in the region.

Eighteen projects were reviewed with sixteen projects recommended by the Citizens Committee to the SRFB for funding, all of which address the highest priorities of actions needed for salmon recovery in the priority watersheds in the region as indicated in the Hood Canal Coordinating Council Call for Salmon Habitat Projects.

How did your regional review consider whether a project provides benefit to high priority stocks for the purpose of salmon recovery or sustainability? In addition to limiting factors analysis, SaSI, and SSHIAP¹, what stock assessment work has been done to date to further characterize the status of salmonid species in the region?

The Hood Canal Coordinating Council Call for Salmon Habitat Projects highlighted the focused needs for the 2018 grant round and eligibility of projects to submit through the 2018 council's lead entity process. Salmon stocks and actions that were determined to be the highest priority and immediate needs for salmon recovery in the region were determined based on the established priorities defined in: the [Hood Canal & Eastern Strait of Juan de Fuca Summer Chum Salmon Recovery Plan](#), the [Mid-Hood Canal Chinook Recovery Plan](#), the [Recovery Plan for Skokomish River Chinook Salmon 2017 Update](#), and the [Guidance for Prioritizing Salmonid Stocks, Issues, and Actions for the Hood Canal Coordinating Council](#) and overlaying updated findings in the viability analysis and recommendations from council's initial *Guidance for Updating Recovery Goals for the Hood Canal and Strait of Juan de Fuca Summer Chum Salmon Populations*.²

Skokomish Chinook have undergone both a full stock assessment of Chinook and potential for successful recovery of that watershed. In 2017, a substantial update of the Skokomish River Chinook Recovery Chapter was finalized and released for review. Actions identified as the highest priority in the update were used to refine actions needed for Chinook salmon recovery in the Hood Canal region.

The project evaluation process begins with mandatory criteria for all SRFB project proposals to address the 2018 Hood Canal Coordinating Council Call for Projects automatically ensuring projects primarily benefit at least one of the priority species in the region. Refinement of stocks and strategies prioritization is continuing to advise and improve the Hood Canal salmon recovery process.

¹SaSI=Salmon and Steelhead Stock Inventory; SSHIAP=Salmon and Steelhead Habitat Inventory and Assessment Program

²The "Guidance" is being updated. The new version will be available during the fall 2018.

How did your regional review consider whether a project addresses cost-effectiveness?

The Technical Advisory Group uses cost-effectiveness as one of its three major factors in independently scoring each project. The Citizens Advisory Group considers cost-effectiveness, reviewing project cost issues, and considers regional funding levels. The cost-effectiveness criteria assessment determines: whether the project is expensive relative to other projects, the expense is justified, whether funding it would affect funding of other good projects, and the appropriateness of use for the fund source.

The Technical Advisory Group also assessed the project cost related to the predicted benefits of implementing the project. This evaluation results in a qualitative analysis for Citizens Advisory Group consideration.

Both the Technical Advisory Group and Citizens Advisory Group considered project timing and sequencing as a type of cost effectiveness ensuring each project is being implemented in a cost effective and productive manner.

Additionally, there is a 15 percent match requirement of SRFB and Puget Sound Acquisition and Restoration funded projects. Although we do not award points or rankings based on whether the sponsor provided more than the required match, many projects have substantial match funding emphasizing the high priority and support of the projects.

Local Review Processes**Provide project evaluation criteria and documentation of your local Citizens Advisory Group and Technical Advisory Group ratings for each project, including explanations for differences between the two group's ratings.**

Review criteria is established based on the priorities defined in: the [*Hood Canal & Eastern Strait of Juan de Fuca Summer Chum Salmon Recovery Plan*](#), the [*Mid-Hood Canal Chinook Recovery Plan*](#), the [*Recovery Plan for Skokomish River Chinook 2017 Update*](#), and the [*Guidance for Prioritizing Salmonid Stocks, Issues, and Actions for the Hood Canal Coordinating Council*](#). The Technical Advisory Group reviews according to the following criteria: benefit to salmon, certainty of success, and cost effectiveness.

Reach-Scale Scoring Criteria

Benefit to Salmon (45%)

Benefit to Priority Stocks, Issues, and Actions

How well does the restoration/planning project proposal address the targeted issue affecting the stock? Considering the percentage of intact habitat and priority of the habitat in the specific location of a proposed protection project, does the value of protection, justify the purchase of the parcel? Are objectives well defined and do they lead to salmon recovery? Is there adequate longevity of benefit from this project?

Certainty of Success (45%)

Project Scope

Is the project scope and scale appropriate to meet its goals and objectives? Does the project design use and remain consistent with most current practices, standards, and/or science?

Sequencing and Planning Efforts

Is the project a component of a collaborative watershed planning effort, or is it integrated or associated with other salmon recovery projects and assessments in the watershed? Is the project sequenced appropriately for the watershed conditions and independent of other actions being taken first? Are the objectives to be implemented within the project scope in the correct sequence?

Implementation Readiness and Support

Is there an adequate level of project proponent and their partners' experience and capability? Are the actions scheduled, funded, and ready to take place with few or no known constraints to successful implementation? Does the project integrate primary stakeholders into planning and include a process to resolve concerns of stakeholders?

Cost Effectiveness (10%)

Cost Effectiveness

Does the project expense appear consistent with the scope of work with costs and effort sufficiently detailed in the proposal to justify the requested spending level?

Cost/Benefit (no score– Technical Advisory Group narrative for Citizens Advisory Group evaluation)

Description of the project's benefits in terms of expense to achieve the benefits.

The Citizens Advisory Group considered the project list utilizing Technical Advisory Group recommendations while ensuring the project meets funding source requirements, is a good use

of public funds, is a priority for salmon recovery according to Hood Canal Coordinating Council regional guidance and has adequate community support for salmon recovery efforts.

The recommended list of projects as ranked by the Citizens Advisory Group based on technical evaluations was then taken to the council’s Citizens Committee, consisting of the council’s board of directors and the Citizens Advisory Group. After discussion, the Citizens Advisory Group recommended list was approved by the Citizens Committee as presented. The 2018 Hood Canal Coordinating Council Lead Entity habitat project list is as follows:

Table 5: 2018 Hood Canal Coordinating Council Habitat Project List



Hood Canal Coordinating Council

2018 HCCC Lead Entity Citizens Advisory Group (CAG) Ranking Recommendation to the Citizens Committee

Rank/Status	PRISM #	2018 Lead Entity Projects Proposed, Project Sponsor	Requested Amount	PSAR Large Capital Funding	SRFB/PSAR Funding	Alternate Funding
Large Cap	18-1235	Skokomish R USACE Project Implementation, <i>Mason Conservation District</i>	\$7,175,486	\$7,175,486	(see #3)	
1	18-1230	Duckabush River Protection, <i>Jefferson Land Trust</i>	\$131,000		\$131,000	
2	18-1236	Skokomish R RM 5 LWD Enhancement Construction, <i>Mason Conservation District</i>	\$729,781		\$729,781	
3 or Large Cap (18-1235)	18-1234	Skokomish R RM 5 Side Channel Reconnection, <i>Mason Conservation District</i>	\$1,831,693		\$1,831,693	
4	18-1242	Union R Summer Chum Out-migration Assessment, <i>Hood Canal Salmon Enhancement Group</i>	\$102,497		\$102,497	
5 (or Large Cap)	18-1225	Lower Big Beef Creek Acquisitions, <i>Hood Canal Salmon Enhancement Group</i>	\$2,695,100	\$2,695,100	\$1,000,000	
6	18-1239	Snow Cr Middle Reach Forest Protection, <i>Jefferson Land Trust</i>	\$126,515		\$126,515	
7	18-1227	Lower Big Quilcene Floodplain Acquisitions 2018, <i>Jefferson County</i>	\$439,902		\$300,000	
8	18-1232	Skokomish R Confluence LWD Construction, <i>Mason Conservation District</i>	\$2,636,035		\$1,003,480	\$1,632,555
9	18-1233	Lower Skokomish R Mainstem LWD Design, <i>Mason Conservation District</i>	\$227,211			\$227,211
10	18-1228	Dosewallips R Powerlines Acquisitions and Design, <i>Jefferson County</i>	\$306,274			\$306,274
11	18-1231	Duckabush R Oxbow Final Design and Restoration, <i>Hood Canal Salmon Enhancement Group</i>	\$202,419			\$202,419
12	18-1226	Big Quilcene R Moon Valley Reach Preliminary Design, <i>Hood Canal Salmon Enhancement Group</i>	\$146,645			\$146,645
13	18-1237	Snow Cr Middle Reach LWD Design, <i>North Olympic Salmon Coalition</i>	\$178,014			\$178,014
14	18-1238	Snow-Salmon Reconnection Feasibility & Alt. Analysis, <i>North Olympic Salmon Coalition</i>	\$199,291			\$199,291
15	18-1229	Duckabush R Estuary Restoration Design Support, <i>Hood Canal Salmon Enhancement Group</i>	\$103,242			\$103,242
16	18-1240	Tahuya River Snowcap Floodplain Planning, <i>Hood Canal Salmon Enhancement Group</i>	\$38,698			\$38,698
Remove	18-1241	Lower Hood Canal Wetlands Restoration SRFB, <i>Hood Canal Salmon Enhancement Group</i>	\$268,083			
Total			\$17,537,886	\$9,870,586	\$5,224,966	\$3,034,349

Identify your local technical review team (include expertise, names, and affiliations of members).

The local and regional technical review team is described under the Hood Canal Coordinating Council regional technical evaluation.

Explain how and when the SRFB Review Panel participated in your local process, if applicable.

SRFB Review Panel members and RCO grants managers participated in field reviews and provided comments on pre-applications and final applications. The RCO grants managers, Mike

Ramsey and Josh Lambert, also were instrumental in implementing the process and ensuring alignment with RCO processes and protocols.

Local Evaluation Process and Project Lists

Explain how multi-year implementation plans or habitat work schedules were used to develop project lists.

Project sponsors submitted letters of intent in response to the Call for Projects to indicate the project-level feasibility of addressing highest priority salmon recovery actions as defined by the priorities in the [Priorities and Immediate Needs, 2018 Call for Salmon Habitat Projects](#) highlighting the focused needs and eligibility for the 2018 grant round. The 2018 call for projects lists the salmon stocks and actions that were determined to be the highest priority and immediate needs for salmon recovery in the region, based on the established priorities defined in: the [Hood Canal & Eastern Strait of Juan de Fuca Summer Chum Salmon Recovery Plan](#), the [Mid-Hood Canal Chinook Recovery Plan](#), the [Skokomish Chinook Recovery Plan](#), and the [Guidance for Prioritizing Salmonid Stocks, Issues, and Actions for the Hood Canal Coordinating Council](#) and overlaying updated findings in the viability analysis and recommendations from the council's *Guidance for Updating Recovery Goals for the Hood Canal and Strait of Juan de Fuca Summer Chum Salmon Populations*.

Explain how comments of technical, citizen, and policy reviews were addressed in finalizing the project list. Were there any issues about projects on the list and how were those resolved?

Council staff provided comments on letters of intent submitted in response to the council's call for projects and Technical Advisory Group and Citizens Advisory Group provided feedback to sponsors during presentations in order for sponsors to incorporate feedback into project applications prior to projects being presented during site visits. Opportunities for project feedback was given during site visits, presentations, and evaluation meetings.

Robust project reviews by the Technical Advisory Group and Citizens Advisory Group throughout the evaluation process yielded several recommendations for improvement that were incorporated into final project descriptions resulting in increased certainty of success in the implementation of proposed salmon recovery projects.

The SRFB Review Panel also provided technical comments after site visits that were addressed in the final proposal attached in PRISM. The Technical Advisory Group Citizens Committee conducted the policy review and adopted the ranked list as recommended by the Citizens Advisory Group.

One project presented in the lead entity process had mixed community support concerning previous use of the property. The proposal addressed modifying the use to restore tidally influenced wetlands. The Technical Advisory Group discussed the lift to salmon recovery and determined there was benefit to the project. The Citizens Advisory Group discussed the majority of the cost went to a trail enhancement and was better suited by recreation funding sources. The project was removed from the list because the cost compared to the benefit to salmon did not warrant salmon recovery funding.