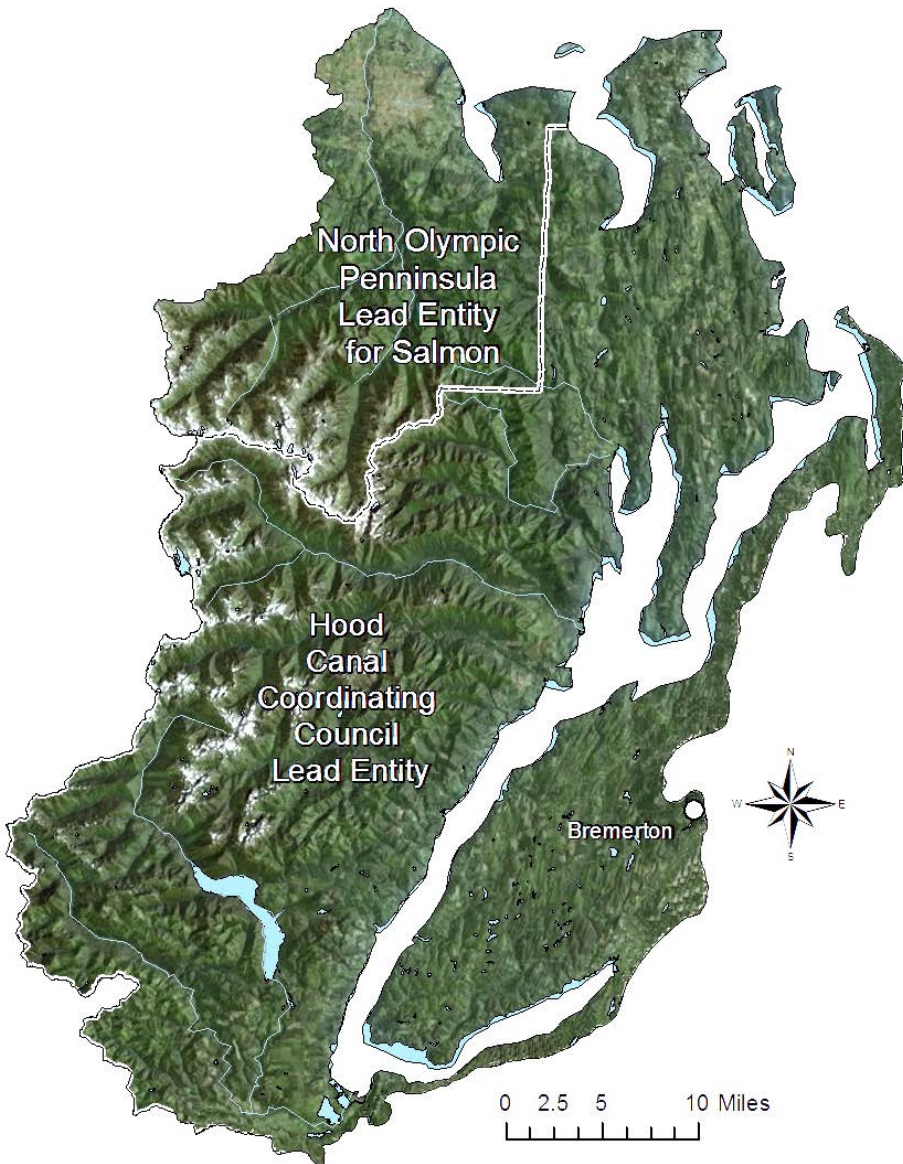


Hood Canal Salmon Recovery Region



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 2017 HCCC Call for 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

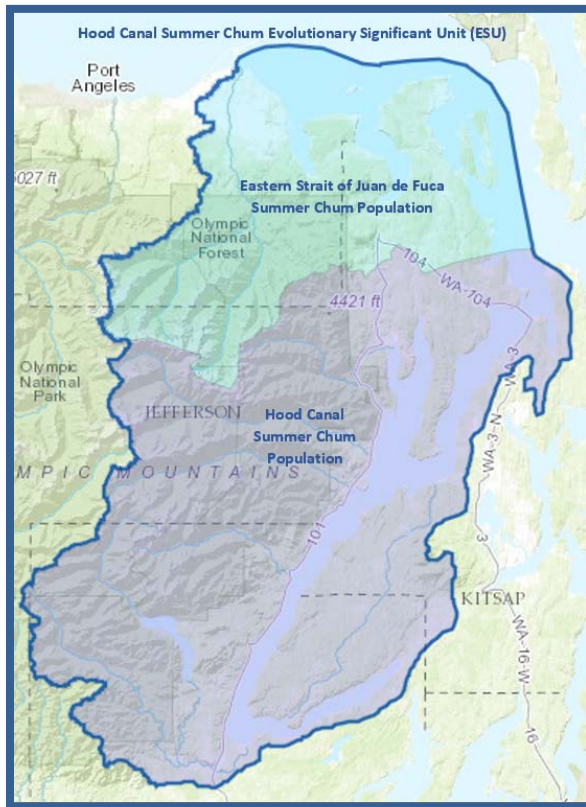


The Hood Canal Coordinating Council (HCCC) is the regional recovery organization for Hood Canal and eastern Strait of Juan de Fuca summer chum salmon. HCCC is the Lead Entity covering the Hood Canal summer chum ESU areas encompassed by Mason, Kitsap and Jefferson Counties. The North Olympic Peninsula Lead Entity for Salmon (NOPLE) covers the area of the ESU area within Clallam County. The HCCC Lead Entity addresses habitat actions for ESA listed species of summer chum and Chinook also benefitting ESA 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 summer chum salmon evolutionarily significant unit (ESU) 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 HCCC 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 (NOPLE). Project proposals from the NOPLE Lead Entity area addressing summer chum habitat in Clallam County are coordinated through the HCCC Lead Entity and evaluated and ranked alongside all other Hood Canal summer chum projects. NOPLE is represented both on the HCCC Technical Advisory Group (TAG) and the Citizens Advisory Group (CAG).

The Hood Canal Coordinating Council regional salmon recovery prioritization guidance,

[Guidance for Prioritizing Salmonid Stocks, Issues, and Actions for the Hood Canal Coordinating Council](#), focuses salmon recovery project development and evaluation to substantiate and assure funding is directed toward efforts that make the greatest impact feasible toward salmon recovery in the region.

Region-wide, project sponsors submitted their highest priority projects for salmon recovery through the HCCC LE process according to the [2017 HCCC Call for Projects](#). Technical evaluation by the TAG included assessing the alignment of the proposed projects with prioritization guidance and the Call for Projects.

The CAG evaluated proposed priority salmon recovery projects considering HCCC 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

How was 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 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 (TAG) Scoring Criteria:

- Benefit to Salmon: primary stock priority, priority of primary issue affecting stock, priority of primary action addressing issue.
- Certainty of Success: adequate and logical project scope, sequencing and planning efforts, implementation readiness and support.
- 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 HCCC Technical Advisory Group (TAG), an HCCC Board of Director appointed group charged with serving as advisory to the HCCC Citizens Committee through the technical evaluation of salmon recovery projects. The Citizens Committee consists of the HCCC Board of Directors and HCCC Citizens Advisory Group (CAG). Table 3 shows the CAG membership and representation. Table 4 provides the members, expertise and affiliation of the TAG.

Table 3: Citizens Advisory Group Membership

CAG Member Name	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
Ron Figlar-Barnes	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)

Table 4: Technical Advisory Group Membership

TAG 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/Chris May	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
Randy Lumper	Environmental Planner	Skokomish Tribe
Lisa Belleveau	Habitat Biologist	Skokomish Tribe
Eric Carlsen	Engineer	North Olympic Peninsula Lead Entity
Chris Waldibillig	Hood Canal Habitat Biologist	WA Fish and Wildlife Service
Marc McHenry	Fish Biologist	US Forest Service
Carrie Cook-Tabor	Fish Biologist	US Fish and Wildlife Service
Micah Wait	Director of Conservation	Wild Fish Conservancy, SRFB Monitoring Panel

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 2017 are consistent with the salmon recovery plans, 4-year work plan and regional salmon recovery prioritization guidance, [Guidance for Prioritizing Salmonid Stocks, Issues, and Actions for the Hood Canal Coordinating Council](#) which serves as the HCCC Lead Entity Implementation Strategy.

Nine projects are recommended 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 [2017 HCCC Call for 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?

Stock, issue, and action prioritization was conducted in 2014 in the [Guidance for Prioritizing Salmonid Stocks, Issues, and Actions for the Hood Canal Coordinating Council](#) in order to further guide the HCCC lead entity process and decision-making. The HCCC Board of Directors approved the prioritization as guidance in March of 2015. Criteria considered in the stock evaluation included:

- 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 take into account 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

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

The resulting list was incorporated in the project evaluation process with mandatory criteria for all SRFB project proposals to address the 2017 HCCC 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.

Skokomish Chinook have undergone both a full stock assessment of Chinook and potential for successful recovery of that watershed. Current work is underway to update the Skokomish River Chinook Recovery Chapter. Results chains identified in the update were used to refine regional prioritization to identify the highest priority actions needed for Chinook salmon recovery in the Hood Canal region and where we can make significant headway in salmon recovery.

The Hood Canal Coordinating Council and partners are updating the summer chum salmon viability analysis, assessing habitat progress to date from past project and program-level investments, comparing that to emerging goals for each subpopulation, and creating a new habitat project list that will lead us to recovery. Recommendations from HCCC's [Guidance for Updating Recovery Goals for the Hood Canal and Strait of Juan de Fuca Summer Chum Salmon Populations](#) were used for prioritization refinement to identify actions included in the HCCC Call for Projects.

Addresses cost-effectiveness?

The TAG uses "cost-effectiveness" as one of its three major factors in independently scoring each project. The CAG considers cost-effectiveness, reviewing project cost issues, and considers regional funding levels. The cost-effectiveness criteria assesses: 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 TAG also assessed the project cost related to the predicted benefits of implementing the project. This evaluation results in a qualitative analyses for Citizen Advisory Group consideration.

Both the TAG and CAG 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 PSAR 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. The HCCC 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%)

Priority Stocks

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

Priority Issues

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?

Priority Actions

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?

Certainty of Success (50%)

Project Scope

How well does the project design address the targeted issue affecting the stock? Considering the percentage of intact habitat and priority of the habitat in the specific location, does the value of protection if applicable, justify the purchase of the parcel? Is the project scope and scale appropriate to meet its goals and objectives? Are objectives well defined and can they be achieved? Does the project design use and remain consistent with most current practices, standards, and/or science? Is there adequate longevity of benefit from this project?

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 (5%)

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 - TAG narrative for CAG evaluation)

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

The Citizens Advisory Group (CAG) considered the project list utilizing TAG recommendations while ensuring the project meets funding source requirements, is a good use of public funds, is a priority for salmon recovery according to regional priority [Guidance](#), and has adequate community support for salmon recovery efforts.

The CAG considered the technically ranked list and due to limited funding in this grant round and the extensive unknown funding scenarios due to the State Legislative Capital Budget indecisions, the group carefully evaluated the risks of losing previous investments in salmon recovery in the region, sequencing of planning efforts with acquisition efforts, current landowner support and ability to build support. The CAG also weighed the importance of funding on the ground work balanced with feasibility work to continue to develop important salmon recovery projects needed for the region.

The recommended list of projects as ranked by the CAG based on technical evaluations was then taken to the HCCC Citizens Committee. After discussion, the CAG recommended list was approved as presented on July 12, 2017. The 2017 HCCC Lead Entity Habitat Project List is as follows:

Table 5: 2017 HCCC Habitat Project List



Hood Canal Coordinating Council

2017 HCCC Lead Entity Citizens Committee Ranked Habitat Project List				Estimated SRFB Allocation: \$1,129,961		
CAG Ranking	Project #	Project Name	Project Sponsor	SRFB Request	CAG Funding Recommendation	Running Total
1	17-1052	Big Quilcene Riparian Protection	Jefferson County	\$82,660	\$82,660	\$82,660
2	17-1060	Salmon Creek Bridge Construction - W Uncas Rd 2017	Jefferson County Public Works	\$145,472	\$145,472	\$228,132
3	17-1054	Moon Valley Reach – Additional Acquisition Support	Hood Canal Salmon Enhancement Group	\$45,463	\$45,463	\$273,595
4	17-1053	Lower Big Quilcene Restoration Final Design 2017	Hood Canal Salmon Enhancement Group	\$962,732	\$856,366	\$1,129,961
5	17-1056	Snow Creek Whole Watershed Analysis	North Olympic Salmon Coalition	\$199,847		
6	17-1055	Snow Creek Riparian Recovery Project	North Olympic Salmon Coalition	\$114,567		
7	17-1058	Tahuya River Watershed Assessment 2017	Hood Canal Salmon Enhancement Group	\$229,124		
8	17-1059	Union River Reach Restoration Planning	Hood Canal Salmon Enhancement Group	\$122,635		
9	17-1057	Tahuya River Estuary Restoration Feasibility, Prelim Design	Hood Canal Salmon Enhancement Group	\$287,134		

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

The local technical review is conducted as a preliminary step in the regional technical review process. The local & regional technical review team is described in this report under regional technical evaluation (above).

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 manager, Mike Ramsey, also was 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 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, the [*Guidance for Prioritizing Salmonid Stocks, Issues, and Actions for the Hood Canal Coordinating Council*](#), and the Call for Projects. TAG members then assessed each project's alignment with prioritization stocks, issues, and actions as it relates to salmon recovery in the Hood Canal region. This review determined qualifying proposals for the HCCC Salmon Recovery Work Plan. Proposed projects are listed on the 2016 4-Year Work Plan in which each project is linked to the recovery strategy it addresses. Projects must be approved for the Work Plan and entered into the HCCC Habitat Work Schedule before they can be considered in the Lead Entity grant round process.

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?

HCCC staff provided comments on letters of intent submitted in response to the HCCC call for projects and TAG and CAG 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 TAG and CAG 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.

During the project review process, one project was determined to need further revisions before passing technical review. The project was very timely to improve on past investments and had potential to offer a large benefit to salmon. For this reason, the sponsor was asked to revise the application rather than pulling the project off the list. The sponsor revised the proposal to more closely align the project objectives with the project tasks. The project was reassessed by the TAG and approved to be included in the technically ranked list.

The SRFB Review Panel also provided technical comments after site visits which were addressed in the final proposal attached in PRISM. The HCCC Citizens Committee, comprised of the HCCC Board of Directors and the Citizens Advisory Group, conducted the policy review and adopted the ranked list as recommended by the Citizens Advisory Group.