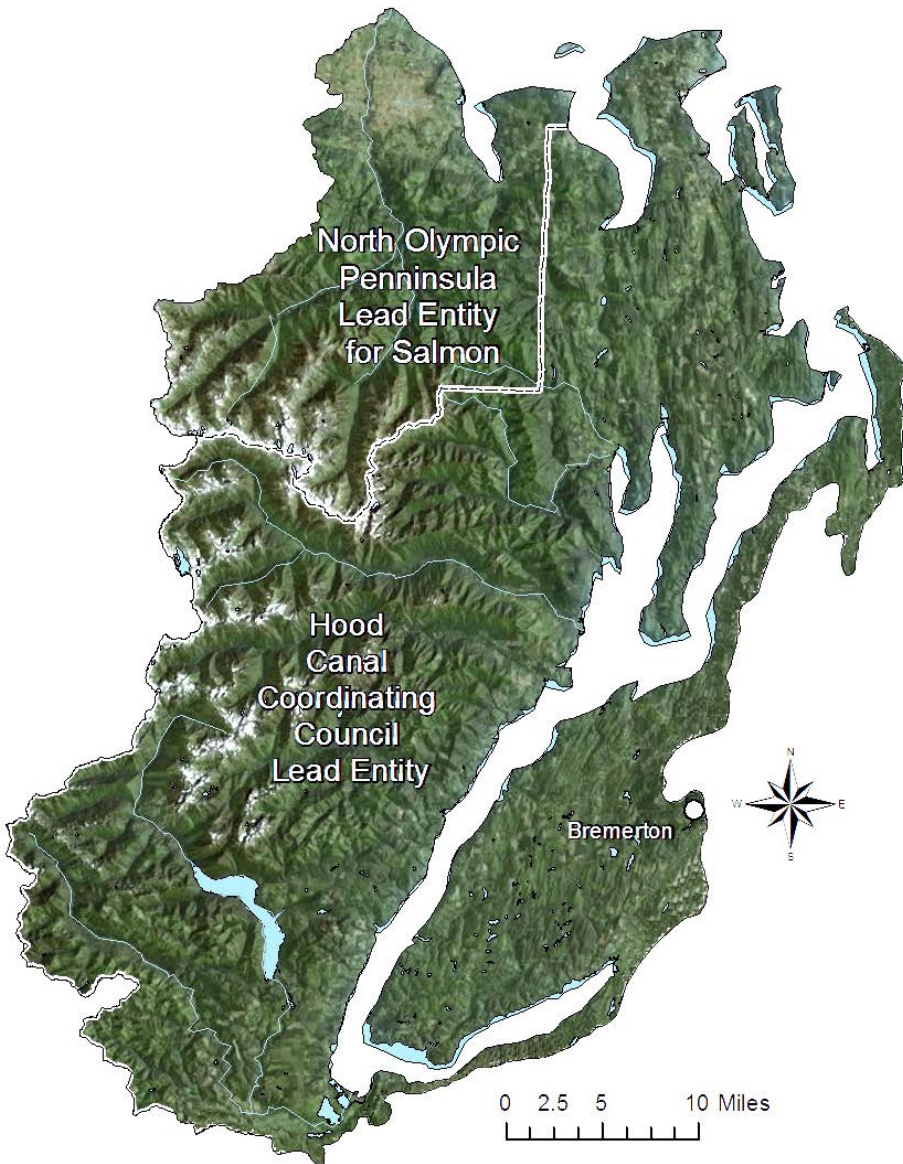


Hood Canal Salmon Recovery Region



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 salmon and steelhead. The Hood Canal Salmon Recovery Region is also a separate salmon recovery region for Hood Canal and Eastern Strait of Juan de Fuca summer chum salmon. It includes parts of Clallam, Jefferson, Kitsap, and Mason 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 Schedule Status	The Hood Canal Coordinating Council and its plan implementation partners are using an implementation strategy, <i>Guidance for Prioritizing Salmonid Stocks, Issues, and Actions for the Hood Canal Coordinating Council</i> (https://hcccwagov.box.com/s/ru01xmw6g5yga4b2c5mo9f19km5bvxt) with more detailed information on recovery plan actions in a “keystone action” list, identifying the highest priority actions needed for salmon recovery in the region.
Web Information	Hood Canal Coordinating Council Web Site, http://hccc.wa.gov/ , Habitat Work Schedule, http://hws.ekosystem.us/

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 area encompassed by Jefferson, Kitsap, and Mason Counties. The North Olympic Peninsula Lead Entity for Salmon covers the area of the region within Clallam County. The HCCC lead entity addresses habitat actions for Endangered Species Act-listed species of Chinook salmon and steelhead as well as summer chum salmon.

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 is composed of two populations, Hood Canal and eastern Strait of Juan de Fuca. Within the geographic area supporting each population, are several watersheds with subpopulations of Hood Canal summer chum salmon. Recovery projects of the eastern Strait of Juan de Fuca population are implemented by two lead entities, namely the Hood Canal Coordinating Council lead entity and the North Olympic Peninsula Lead Entity for Salmon. Recovery projects of the Hood Canal population are coordinated by the HCCC lead entity. Both lead entities coordinate recovery efforts for other salmonid species as well. HCCC is the lead entity for the subpopulations of Puget Sound Chinook salmon (Skokomish, mid-Hood Canal), and Puget Sound steelhead.

The Hood Canal Coordinating Council regional salmon recovery prioritization guidance, *Guidance for Prioritizing Salmonid Stocks, Issues, and Actions for the Hood Canal Coordinating Council* (<https://hcccwagov.box.com/s/ru01xmw6q5yga4b2c5mo9f19km5bvxt>) 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. The highest priority actions are documented as the “HCCC Keystone Actions” list. Keystone actions are defined as the highest priority actions needed for recovery in the region or where we can make significant headway where it needs to be made.

Region-wide, project sponsors submitted their highest priority projects for salmon recovery through the HCCC lead entity process. Technical evaluation included assessing the alignment of the proposed projects with prioritization guidance and keystone actions.

The Citizens Advisory Group evaluated proposed priority salmon recovery projects considering HCCC guidance for distribution of lead entity funding across the Hood Canal region by addressing the following categories: Hood Canal summer chum salmon, Skokomish and/or mid-Hood Canal stocks of Puget Sound Chinook salmon, nearshore restoration, and assessments. These allocation breakouts are representative of how funding is allocated to the Hood Canal region through the Puget Sound Acquisition and Restoration allocation formula (<https://hccwagov.box.com/s/ld9qiq9yc8jl0u82ase4k6zgj7hjnpe>) as it applies to Hood Canal Chinook salmon stocks and Hood Canal summer chum salmon stocks as well as funding for the recovery of Hood Canal summer chum salmon populations.

Project proposals from the North Olympic Peninsula Lead Entity for Salmon area addressing summer chum salmon habitat in Clallam County are coordinated through the HCCC lead entity and evaluated and ranked alongside all other Hood Canal summer chum salmon projects. The North Olympic Peninsula Lead Entity for Salmon is represented on the Technical Advisory Group and Citizens Advisory Group.

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 approved the regional salmon recovery prioritization guidance, *Guidance for Prioritizing Salmonid Stocks, Issues, and Actions for the Hood Canal Coordinating Council*. The guidance guides salmon recovery project development and evaluation. Evaluation criteria carries this guidance a step further 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?

What criteria were used for the regional technical review?

These questions led to the following Technical Advisory Group 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, an HCCC Board of Director appointed group charged with serving as advisory to the HCCC Citizens Committee (consists of HCCC Board of Directors and HCCC Citizens Advisory group) and staff and charged with the technical evaluation of salmon recovery projects.

Table 3: Technical Advisory Group

Member Name	Expertise	Member Affiliation
Kathlene Barnhart	Geomorphologist, Project Manager	Kitsap County
David Tucker	Engineer, Assistant Director	Kitsap County Public Works
Hans Daubenberger	Habitat & Marine Biologist, Research and Monitory Program Manager	Port Gamble S’Klallam Tribe
Abby Welch	Fin Fish Management Biologist	Port Gamble S’Klallam Tribe
Randy Lumper	Environmental Planner	Skokomish Tribe
Matt Kowalski	Steelhead Biologist	Skokomish Tribe
Eric Carlsen	Engineer	North Olympic Peninsula Lead Entity
Joshua Benton or Michael Blanton	Hood Canal Habitat Biologist	Washington Department of Fish and Wildlife
Marc McHenry	Fish Biologist	U.S. Forest Service
Carrie Cook-Tabor	Fish Biologist	U.S. Fish and Wildlife Service

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 2016 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 as referenced in the included project matrix.

Of the 23 projects recommended to the SRFB for funding, 13 address the highest priorities, keystone actions, in the region. Keystone actions are the actions determined to be the highest priority need for salmon recovery in the region or where we can make significant headway where it needs to be made. One project is recommended for Intensively Monitored Watershed treatment within the Hood Canal for Intensively Monitored Watershed complex treatment plan.

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 past few years have seen significant advances in stock assessments, recovery planning, and project prioritization for both Chinook and summer chum salmon.

Stock, issue, and action prioritization was conducted in 2014 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 2015. Criteria considered in the stock evaluation included:

- Stock status (expected or known)

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

- 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

The resulting list was incorporated in the project evaluation process with mandatory criteria for all SRFB and Puget Sound Acquisition and Restoration project proposals to 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 salmon have undergone both a full stock assessment of Chinook salmon and potential for successful recovery of that watershed. Current work is underway to update the Skokomish River Chinook Recovery Chapter to include both early and late timed Chinook salmon stock recovery efforts including prioritized habitat needs. Results chains identified in the update were used to refine regional prioritization to identify keystone actions, the highest priority actions needed for salmon recovery in the Hood Canal region or where we can make significant headway in salmon recovery.

The Hood Canal Coordinating Council and partners have updated the summer chum salmon viability analysis (including downscaling to subpopulation levels), assessed habitat progress to date from past project and program-level investments, compared that to emerging goals for each subpopulation, and created a new 10-year habitat conceptual project list that will lead us to recovery. Work is in progress to further refine the analyses and provide refined habitat goals and recommendations for future funding rounds. 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 prioritization refinement to identify keystone actions.

Addresses cost-effectiveness?

The Technical Advisory Group uses “cost-effectiveness” as one of its three major factors in independently scoring each project with the Citizens Committee, consisting of the HCCC Board of Directors and HCCC Citizens Advisory Group, reviewing project cost issues and regional funding levels. The cost-effectiveness criteria assesses: whether or not the project is expensive relative to other projects, the expense is justified, funding it would affect funding of other good projects, and appropriateness for these types of funds.

The Technical Advisory Group 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 Technical Advisory Group and Citizen 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.

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 percent)

- **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 percent)

- **Project Scope:** How well does the project design address the targeted issue affecting the stock? (Acquisition Projects) Considering the percentage of intact habitat and priority of the habitat in the specific location, does the value of protection, 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 percent)

- **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 Citizen Advisory Group G evaluation): Describe the project's benefits in terms of expense to achieve the benefits.

The Citizens Advisory Group considered the project list using Technical Advisory Group recommendations and HCCC allocation structure guidance ensuring the project meets funding source requirements, is a good use of public funds, a priority for salmon recovery according to regional priority *Guidance* and has adequate support for salmon recovery efforts.

HCCC allocation structure guidance funds high priority salmon recovery projects by distribution of funding toward: 35 percent Hood Canal summer chum salmon habitats, 35 percent Chinook

salmon habitats, 10 percent nearshore habitats, and 10 percent assessment projects. The Citizens Advisory Group first put each project into the appropriate potential categories according to funding source and ranked the projects by category using the Technical Advisory Group ranking. The first project in the Chinook salmon category was partially funded so additional funding was pulled from other categories namely assessments to fully fund the first project. Discussions around project application quality and sponsor capacity were considered in the determination of funded projects. Riparian projects were given a categorical consideration due to previous investments made in riparian habitat and the need to maintain this habitat in the future. It was noted by both advisory groups that a riparian strategy is needed for future planning.

The projects that were ranked in which the anticipated funding level was exhausted for each category was evaluated along with a group of projects that are categorized as "riparian" then were considered in following priority order; first, the #2 Chinook salmon project, which supported the highest priority Chinook salmon project; second, both summer chum and Chinook salmon watershed riparian projects, which have previous regional investments; and third, restoration planning of the lower Big Quilcene floodplain. The projects were ranked according to Technical Advisory Group ranking within the funding line and then ranked according to Technical Advisory Group ranking below the funding line. This resulted in projects within the funding line of one category to be ranked higher than projects that were below the funding line in another category but higher in overall Technical Advisory Group ranking.

The HCCC Citizens Committee, comprised of the HCCC Board of Directors and the Citizens Advisory Group, met to approve the ranked project list in July 2016.

Regional Area Summary

Hood Canal Salmon Recovery Region

Citizen Advisory Group Category Evaluation by TAG Ranking Recommendations						
allocation guidance	SRFB & PSAR	Assessment	Chinook	Summer Chum	Nearshore	Remaining
	total to allocate	10%	35%	35%	10%	10%
	\$ 5,480,000	\$548,000	\$1,918,000	\$1,918,000	\$548,000	\$548,000
Project Name	grant request	Assessment	Chinook	Summer Chum	Nearshore	Remaining
USACE Skokomish Ecosystem Restoration Support 1	\$2,403,627		\$2,403,627			
USACE Skokomish Ecosystem Restoration Support 2	\$6,441,322					
Skokomish Confluence Reach Acquisition Phase 2	\$478,650					
Dosewallips Floodplain & Estuary Restoration 2016	\$389,251				\$389,251	
Lower Big Quilcene Floodplain Acquisitions	\$202,936			\$202,936		
Skokomish Valley Road Relocation Final Design	\$804,350		\$804,350			
South Fork Skokomish LWD Enhancement Phase 5	\$2,167,054		\$2,167,054			
Big Quilcene Moon Valley Acquisition and Planning	\$725,473			\$725,473		
Lower Mainstem Skokomish LWD - RM 5	\$798,818		\$798,818			
Duckabush Estuary Restoration Support & Acquisition	\$278,404			\$278,404		
Duckabush Oxbow Side Channel Restoration Design	\$25,398			\$25,398		
Vance Creek Watershed Restoration Assessment	\$417,350	\$417,350				
Lower Big Quilcene Restoration Final Design	\$784,500			\$784,500		
Kilisut Harbor Restoration 2016	\$4,093,665					
Skokomish Confluence Reach Acquisition Phase 2	\$478,650		\$239,325			
Old Bourgault Farm Comprehensive Restoration Plan	\$60,992		\$60,992			
Skokomish River Local GI Project Development	\$198,184	\$198,184				
Chimacum Creek Lower Mainstem Protection	\$107,000			\$107,000		
Southern Hood Canal Riparian Enhancement Phase 3	\$349,189					\$349,189
East Jefferson Summer Chum Riparian Phase 3	\$216,767					\$216,767
Hood Canal Summer Chum Riparian Enhancement	\$189,141					\$189,141
Hood Canal Nearshore Forage Fish Assessment	\$17,609				\$17,609	
Tahuya River Watershed Assessment	\$150,739	\$150,739				
IMW Big Beef Creek Restoration Ph 3 Construction	\$229,840					
Total funding allocated by category		\$0	\$3,207,977	\$1,232,211	\$406,860	\$755,097
Percent of total funding to allocate		0%	59%	22%	7%	14%
anticipated SRFB/PSAR funding						

2016 Hood Canal Coordinating Council Lead Entity Citizens Committee Habitat Projects List

PSAR 2015-2017 Early Action

Project Name	Grant Request	Funded Amount
*Skokomish Confluence Reach Acquisition Phase 2	\$478,650	\$239,325
**Chimacum Creek Lower Mainstem Protection	\$107,000	\$88,851
Southern Hood Canal Riparian Enhancement Phase 3	\$349,189	alternate
*Skokomish Confluence Reach Acquisition Phase 2	\$478,650	alternate

* Skokomish Confluence Reach Acquisition Phase 2: Project is considered a keystone action and is elevated to the rank of #1 for Early Action PSAR funding if the acquisition is solely for the proposed property supporting the USACE Skokomish Ecosystem Restoration project.

**Any returned PSAR 2015-2017 funding will be applied to Chimacum Creek Lower Mainstem Protection to make it whole before any other reallocations are to be made.

2016 SRFB & 2017-2019 PSAR

Project Name	Grant Request	2016 SRFB & 2017-2019 PSAR - HCCC Funded Amount by Category				
		Assessment	Chinook	Summer Chum	Nearshore	Remaining
USACE Skokomish Ecosystem Restoration Support 1	\$2,403,627		\$2,403,627			
Dosewallips Floodplain & Estuary Restoration 2016	\$389,251				\$389,251	
Lower Big Quilcene Floodplain Acquisitions	\$202,936			\$202,936		
Skokomish Valley Road Relocation Final Design	\$804,350		\$804,350			
Big Quilcene Moon Valley Acquisition and Planning	\$725,473			\$725,473		
*Duckabush Estuary Restoration Support & Acquisition	\$278,404			\$278,404		
Duckabush Oxbow Side Channel Restoration Design	\$25,398			\$25,398		
Hood Canal Nearshore Forage Fish Assessment	\$17,609				\$17,609	
**Southern Hood Canal Riparian Enhancement Phase 3	\$349,189					\$292,704
**East Jefferson Summer Chum Riparian Phase 3	\$216,767					\$181,703
**Hood Canal Summer Chum Riparian Enhancement	\$189,141					\$158,545
***Lower Big Quilcene Restoration Final Design	\$784,500					alternate
South Fork Skokomish LWD Enhancement Phase 5	\$2,167,054					alternate
Vance Creek Watershed Restoration Assessment	\$417,350					alternate
Lower Mainstem Skokomish LWD - RM 5	\$798,818					alternate
***Skokomish Confluence Reach Acquisition Phase 2	\$478,650					alternate
Old Bourgault Farm Comprehensive Restoration Plan	\$60,992					alternate
Skokomish River Local GI Project Development	\$198,184					alternate
Chimacum Creek Lower Mainstem Protection	\$107,000					alternate
Tahuya River Watershed Assessment	\$150,739					alternate

* Duckabush Estuary Restoration Support and Acquisition: Include acquisition components only. A correct budget must be submitted to PRISM.

** PRISM #: 16-1489, 16-1473, 16-1476 are to be funded together. In case of partial funding, the cut will be made according to the overall percent shortage of the total of the three projects and applied to each request.

*** Lower Big Quilcene Restoration Final Design: TAG will review the chosen preferred alternative for salmon recovery benefits and make recommendations to CAG about project design and funding.

**** Skokomish Confluence Reach Acquisition Phase 2: Grant request and scope for acquiring property #1.

2017-2019 PSAR Large Capital

Project Name	Grant Request	
USACE Skokomish Ecosystem Restoration Support 2	\$6,441,322	Submit to PSP
Kilisut Harbor Restoration 2016	\$4,093,665	Submit to PSP

Intensively Monitored Watershed (IMW)

Project Name	Grant Request	
*IMW Big Beef Creek Restoration Ph 3 Construction	\$229,840	Submit to SRFB

*IMW Big Beef Creek Restoration Ph 3 Construction: Provide clarification in application that size, scale, and placement of wood is based on current conditions to ensure wood being proposed is appropriate size for ecosystem process forming benefits. Provide updated budget if needed.

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 and 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 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 keystone actions list. Keystone actions are the actions determined to be the highest priority need for salmon recovery in the region or where we can make significant headway where it needs to be made. Technical Advisory Group members then assessed each project's alignment with prioritization stocks, issues, actions, and keystone 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?

The Technical Advisory Group and Citizens Advisory Group provided comments on proposals during the work plan development phase and incorporated feedback into project refinement prior to applications being submitted. Opportunities for project feedback were given during site visits, presentations, evaluation meetings, and if needed, sub-group meetings. A sub-group was formed to address anticipated shellfish impacts in the Dosewallips estuary due to proposed restoration actions. The group consisted of geomorphologist experts from the Technical Advisory Group as well as the project sponsor and tribal shellfish expert representation. The group discussed anticipated impacts and concerns around location of sediment travel and stakeholders. The agreed upon outcome resulted in increased neighboring landowner engagement and planned analysis of the impacts on the shellfish beds using tribal monitoring data to be collected as well as the project aligning with the keystone action and the associated elevated scoring.

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 advisory groups' recommendations included developing a riparian strategy to aid in addressing the priority issues around riparian habitat in salmon recovery and to coordinate efforts so the projects can be more successful in getting implemented in the future. It was noted that by failing to address riparian habitat now, would result in a keystone action of correcting it in the future.

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.

Regional Area Summary

Hood Canal Salmon Recovery Region

Rank	Project #	Project Name	Project Sponsor	3 C. Primary Fish Stock Benefited	3 C. Name of Listed Species	3 C. Other Species Benefiting from this Project	3 D. Preserves High Quality Habitat	3 E. Priority in Recovery Plan or Strategy (list page)	3 F. Match %	3 G. Sponsor Record of SRFB Project Implementation	3 I. Listed in Action Agenda
1 EA	16-1485	*Skokomish Confluence Reach Acquisition Phase 2	Forterra	Skokomish Chinook	Puget Sound Chinook	Steelhead	NA	HCCC Prioritization Issue Addressed: Large Stream Channel and Floodplain Conditions; Action Addressed: Protect Floodplains and Riparian; Skokomish R Chinook Strategy: Restore Lower Floodplain Conditions, Acquisitions and Easements Secured	15%	34 total SRFB Projects; 4 active, 13 completed	2016-0265
2 EA	16-1495	**Chimacum Creek Lower Mainstem Protection	Jefferson Land Trust	Chimacum Summer Chum	Hood Canal Summer Chum		3.5 acres of Lower Chimacum Ck riparian	HCCC Prioritization Issue Addressed: Small Stream Floodplain and Riparian Conditions; Action Addressed: Protect Riparian	20%	18 total SRFB Projects; 7 active, 8 completed	
NA	16-1497	USACE Skokomish Ecosystem Restoration Support 2	Mason Conservation District	Skokomish Chinook	Puget Sound Chinook	Steelhead	NA	HCCC Prioritization Issue Addressed: Large Stream Channel Conditions, Sediment Processes; Action Addressed: Channel Pattern, Large Wood, Sediment Deposits; HCCC Keystone Action; Skokomish R Chinook Strategy: Restore Lower Floodplain Conditions	16%	71 total SRFB Projects; 20 active, 31 completed	2016-0265
NA	16-1479	Kilisut Harbor Restoration Construction	North Olympic Salmon Coalition	Summer Chum	Hood Canal Summer Chum	Chinook	NA	HCCC Prioritization Issue Addressed: Tidal Flow Regime & Connectivity; Action Addressed: Hydraulic Modification	15%	36 total SRFB Projects; 7 active, 23 completed	
1	16-1496	USACE Skokomish Ecosystem	Mason Conservation District	Skokomish Chinook	Puget Sound Chinook	Steelhead	NA	HCCC Prioritization Issue Addressed: Large Stream Channel Conditions, Sediment	16%	71 total SRFB Projects; 20	2016-0265

Regional Area Summary

Hood Canal Salmon Recovery Region

Rank	Project #	Project Name	Project Sponsor	3 C. Primary Fish Stock Benefited	3 C. Name of Listed Species	3 C. Other Species Benefiting from this Project	3 D. Preserves High Quality Habitat	3 E. Priority in Recovery Plan or Strategy (list page)	3 F. Match %	3 G. Sponsor Record of SRFB Project Implementation	3 I. Listed in Action Agenda
		Restoration Support 1						Processes; Action Addressed: Channel Pattern, Large Wood, Sediment Deposits; HCCC Keystone Action; Skokomish R Chinook Strategy: Restore Lower Floodplain Conditions, Acquisitions and Easements Secured		active, 31 completed	
2	16-1482	Dosewallips Floodplain & Estuary Restoration 2016	Wild Fish Conservancy	Dosewallips Summer Chum	Hood Canal Summer Chum	Chinook	NA	HCCC Prioritization Issue Addressed: Natal Estuarine Sediment Process and Tidal Flow Regime; Action Addressed: Natal Estuarine Berm/Dike Removal; HCCC Keystone Action Candidate; Mid Hood Canal Chinook Strategy: Restore Floodplain Habitat	49%	72 total SRFB Projects; 11 active, 48 completed	
3	16-1480	Lower Big Quilcene Floodplain Acquisitions	Jefferson County	Big Quilcene Summer Chum	Hood Canal Summer Chum	Chinook	NA	HCCC Prioritization Issue Addressed: Large Stream Channel Conditions; Action Addressed: Channel Migration Zone; HCCC Keystone Action	15%	17 total SRFB Projects; 5 active, 8 completed	
4	16-1487	Skokomish Valley Road Relocation Final Design	Mason Conservation District	Skokomish Chinook	Puget Sound Chinook	Steelhead	NA	HCCC Prioritization Issue Addressed: Large Stream Floodplains; Action Addressed: Restore Floodplains, Transportation Infrastructure; HCCC Keystone Action; Skokomish R Chinook Strategy:	15%	71 total SRFB Projects; 20 active, 31 completed	2016-0265

Regional Area Summary

Hood Canal Salmon Recovery Region

Rank	Project #	Project Name	Project Sponsor	3 C. Primary Fish Stock Benefited	3 C. Name of Listed Species	3 C. Other Species Benefiting from this Project	3 D. Preserves High Quality Habitat	3 E. Priority in Recovery Plan or Strategy (list page)	3 F. Match %	3 G. Sponsor Record of SRFB Project Implementation	3 I. Listed in Action Agenda
								Restore Lower Floodplain Conditions			
5	16-1494	Big Quilcene Moon Valley Acquisition and Planning	Hood Canal Salmon Enhancement Group	Big Quilcene Summer Chum	Hood Canal Summer Chum	Chinook	NA	HCCC Prioritization Issue Addressed: Large Stream Floodplain Conditions; Action Addressed: Restore Floodplains; HCCC Keystone Action	47%	82 total SRFB Projects; 9 active, 48 completed	
6	16-1492	*Duckabush Estuary Restoration Support Acquisition	Hood Canal Salmon Enhancement Group	Duckabush Summer Chum	Hood Canal Summer Chum	Chinook	NA	HCCC Prioritization Issue Addressed: Tidal Flow Regime; Action Addressed: Transportation Infrastructure; HCCC Keystone Action; Mid Hood Canal Chinook Strategy: Reduce Impacts from US Highway 101	60%	82 total SRFB Projects; 9 active, 48 completed	
7	16-1472	Duckabush Oxbow Side Channel Restoration Design	Hood Canal Salmon Enhancement Group	Duckabush Summer Chum	Hood Canal Summer Chum	Chinook	NA	HCCC Prioritization Issue Addressed: Large Stream Floodplain Conditions; Action Addressed: Restore Floodplains; HCCC Keystone Action; Mid Hood Canal Chinook Strategy: Restore Floodplain Habitat, Restore Riparian Habitat	0%	82 total SRFB Projects; 9 active, 48 completed	
8	16-1474	Hood Canal Nearshore Forage Fish Assessment	Hood Canal Salmon Enhancement Group	Summer Chum	Hood Canal Summer Chum	Chinook	NA	HCCC Prioritization Issue Addressed: Forage Fish Spawning Distribution; Action Addressed: Forage Fish Assessment	71%	82 total SRFB Projects; 9 active, 48 completed	

Regional Area Summary

Hood Canal Salmon Recovery Region

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9	16-1489	Southern Hood Canal Riparian Enhancement Phase 3	Mason Conservation District	Skokomish Chinook	Puget Sound Chinook	Steelhead	NA	HCCC Prioritization Issue Addressed: Riparian Conditions; Action Addressed: Restore Riparian	15%	71 total SRFB Projects; 20 active, 31 completed	2016-0270
10	16-1473	**East Jefferson Summer Chum Riparian Phase 3	North Olympic Salmon Coalition	Snow Creek and Chimacum Creek Summer Chum	Hood Canal Summer Chum	Coho	NA	HCCC Prioritization Issue Addressed: Riparian Conditions; Action Addressed: Restore Riparian; HCCC Keystone Action	20%	36 total SRFB Projects; 7 active, 23 completed	2016-0270
11	16-1476	**Hood Canal Summer Chum Riparian Enhancement	Hood Canal Salmon Enhancement Group	Summer Chum	Hood Canal Summer Chum	Steelhead	NA	HCCC Prioritization Issue Addressed: Riparian Conditions; Action Addressed: Invasive, Restore Riparian	15%	82 total SRFB Projects; 9 active, 48 completed	2016-0270
12	16-1481	***Lower Big Quilcene Restoration Final Design	Hood Canal Salmon Enhancement Group	Big Quilcene Summer Chum	Hood Canal Summer Chum	Chinook	NA	HCCC Prioritization Issue Addressed: Large Stream Channel Conditions; Action Addressed: Channel Migration Zone; HCCC Keystone Action	33%	82 total SRFB Projects; 9 active, 48 completed	
13	16-1488	South Fork Skokomish LWD Enhancement Phase 5	Mason Conservation District	Skokomish Chinook	Puget Sound Chinook	Steelhead	NA	HCCC Prioritization Issue Addressed: Sediment Processes; Action Addressed: Large Wood; HCCC Keystone Action; Skokomish R Chinook Strategy: Stabilize Sediment Sources, Restore Upper Watershed	15%	71 total SRFB Projects; 20 active, 31 completed	

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								Conditions in South Fork and Major Tributaries			
14	16-1491	Vance Creek Watershed Restoration Assessment	Mason Conservation District	Skokomish Chinook	Puget Sound Chinook	Steelhead	NA	HCCC Prioritization Issue Addressed: Watershed Analysis, Channel Pattern; Action Addressed: Sediment Processes, Large Stream Channel Conditions; HCCC Keystone Action; Skokomish R Chinook Strategy: Stabilize Sediment Sources, Restore Upper Watershed Conditions in South Fork and Major Tributaries	15%	71 total SRFB Projects; 20 active, 31 completed	
15	16-1483	Lower Mainstem Skokomish LWD - RM 5	Mason Conservation District	Skokomish Chinook	Puget Sound Chinook	Steelhead	NA	HCCC Prioritization Issue Addressed: Sediment Processes; Action Addressed: Large Wood and Channel Pattern; Skokomish R Chinook Strategy: Restore Lower Floodplain Conditions	15%	71 total SRFB Projects; 20 active, 31 completed	
17	16-1484	Old Bourgault Farm Comprehensive Restoration Plan	Mason Conservation District	Skokomish Chinook	Puget Sound Chinook	Steelhead	NA	HCCC Prioritization Issue Addressed: Access to Off-Channel Habitat; Action Addressed: Off Channel Habitat; Skokomish R Chinook Strategy: Restore Lower Floodplain Conditions	15%	71 total SRFB Projects; 20 active, 31 completed	
18	16-1486	Skokomish River Local GI Project	Mason Conservation District	Skokomish Chinook	Puget Sound Chinook	Steelhead	NA	HCCC Prioritization Issue Addressed: Large Stream Floodplain Conditions; Action Addressed: Channel Pattern;	0%	71 total SRFB Projects; 20 active, 31 completed	

Regional Area Summary

Hood Canal Salmon Recovery Region

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		Development						Skokomish R Chinook Strategy: Restore Lower Floodplain Conditions			
20	16-1490	Tahuya River Watershed Assessment	Hood Canal Salmon Enhancement Group	Tahuya Summer Chum	Hood Canal Summer Chum	Steelhead	NA	HCCC Prioritization Issue Addressed: Sediment Processes; Action Addressed: Watershed Analysis; HCCC Keystone Action Addressed: Channel Pattern	15%	82 total SRFB Projects; 9 active, 48 completed	
NA	16-1477	*IMW Big Beef Creek Restoration Ph 3 Construction	Hood Canal Salmon Enhancement Group	Big Beef Creek Summer Chum	Hood Canal Summer Chum	Steelhead	NA	HCCC Prioritization Issue Addressed: Small Stream Channel Conditions; Action Addressed: Sediment Deposits	7%	82 total SRFB Projects; 9 active, 48 completed	