

## FWCP Coastal Region 2024–2025 Project List

#	Project ID	2024-2025 Grant-based Fish Projects	Project Lead	FWCP Funding	Project Type	Watershed
1	COA-F25-F-4074	<p><b>Improving salmon stewardship in the Shuswap River Watershed</b></p> <p><i>Conservation of Shuswap River Chinook through Education:</i> This multi-year stewardship project aims to help protect Shuswap River Chinook by providing place-based, experiential education to thousands of local students.</p> <p>Salmon are a keystone species due to their importance in maintaining the health of ecosystems. Protecting salmon requires knowledge, awareness, and a passion for the species. Education is key, and this project helps to build compassion, promote action, protect fish, and preserve the Shuswap River Watershed.</p>	Kingfisher Interpretive Centre Society	\$ 16,000	Species-based Actions	Shuswap River Watershed
2	COA-F25-F-4086	<p><b>Enhancing salmon habitat through stewardship</b></p> <p><i>Alouette Watershed Community Connections Project:</i> This project will focus on enhancing salmon habitat in the Alouette River Watershed through community stewardship, training volunteers to monitor water quality and habitat, in partnership with the Pacific Streamkeepers Federation.</p> <p>This project will also restore 600 square metres of salmonid-rearing habitat in the lower reaches of the South Alouette River.</p>	Alouette River Management Society	\$ 17,287	Habitat-based Actions	Alouette River Watershed
3	COA-F25-F-4093	<p><b>Restoring riparian habitat in the Puntledge River Watershed</b></p> <p><i>Kus-kus-sum: Unpaving Paradise, Year 4:</i> This multi-year project on the Kus-kus-sum conservation lands will focus on restoration actions, including earth works, planting native species, habitat complexing, and exploring options to remove the steel-piling wall separating the former sawmill site and the Courtenay River.</p> <p>The restoration of this former sawmill site is a collaboration between the K'ómoks First Nation, the City of Courtenay, and the Comox Valley Project Watershed Society. The site is part of a salmon migratory corridor for the Puntledge River and Tsolum River watersheds and is of cultural importance to the K'ómoks First Nation.</p>	Comox Valley Project Watershed Society	\$ 203,900	Habitat-based Actions	Puntledge River Watershed

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4	COA-F25-F-4099	<p><b>Maintaining fish habitat in the Cheakamus River Watershed</b></p> <p><i>Cheakamus Centre River Intake Maintenance:</i> This project will focus on removing sediment and improving flows for coho, Chinook, pink, chum, and steelhead salmon as well as other species that use this off-channel habitat at the Dave Marshall Salmon Reserve in the Cheakamus River Watershed.</p> <p>Large storm events have deposited sediment in this network of off-channel habitat and the intake structures at Far Point, Gorbusha, Duck Pond, and Eagle Point have been infilling. Clearing the sediment and maintaining side-channel flows is critical for the many fish species that use this habitat.</p>	Cheakamus Foundation for Environmental Learning	\$ 91,745	Habitat-based Actions	Cheakamus River Watershed
5	COA-F25-F-4100	<p><b>Designing a long-term solution for spawning habitat in the Campbell River Watershed</b></p> <p><i>Upper Campbell River Bulk Gravel–Design and Permitting:</i> The goal of this multi-year project is to complete detailed design, engagement, impact assessment, and permitting for a cable-supported chute system to deliver critical salmon spawning substrate for all salmon species to the Elk Falls Canyon in the Campbell River Watershed.</p> <p>When complete, the improved system will annually deliver up to 2,200 tonnes of gravel as needed, optimizing the provision of essential spawning substrate in the canyon.</p>	British Columbia Conservation Foundation	\$ 87,216	Habitat-based Actions	Campbell River Watershed

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6	COA-F25-F-4102	<p><b>Improving flows for fish in the Coquitlam River Watershed</b></p> <p><i>Reeve Slough Salmon Habitat Reconnection Project 2024:</i> This multi-year project will reconnect the 31,800-square-metre Reeve Slough relic channel to the Coquitlam River.</p> <p>Once complete, water supply and intake structures will be installed at the Reeve Park pump station to sustain year-round fish flows. The outfall will maintain water levels in the slough to support the existing native aquatic and semiaquatic species of plants and animals as well as all seven species of Pacific salmonids and deter non-native fish species.</p>	Kwikwetlem First Nation	\$ 328,000	Habitat-based Actions	Coquitlam-Buntzen Watershed
7	COA-F25-F-4103	<p><b>Using technology to improve fish passage</b></p> <p><i>Coquitlam River Floodgates and Fish Passage, Year 4:</i> The fourth year of this project will continue to assess fish passage across three floodgate types connecting the Coquitlam River to valuable off-channel salmon habitat.</p> <p>This year will focus on the augmented operations of an automated gate, tracking individual salmon using Passive Integrated Transponder (PIT) tags and antennas.</p> <p>Results will inform fish passage improvements in the Coquitlam River Watershed and enhance floodgate operations across the Lower Mainland, benefiting both flood protection and Pacific salmon populations.</p>	MakeWay Charitable Society	\$ 76,194	Habitat-based Actions	Coquitlam-Buntzen Watershed

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8	COA-F25-F-4107	<p><b>Restoring fish and wildlife habitat in the Cheakamus River Watershed</b></p> <p><i>Restoration Following the Re-Watering of Little Bear Slough:</i> Little Bear Slough in the Squamish River Estuary has been disconnected from the Squamish River Estuary for 50 years due to a railway line and tidal flap gates.</p> <p>The goal of this Seed Grant project, which will occur on traditional and contemporary territory of the Squamish Nation, is to map the extent of re-watering using topographic data and conduct in-depth species inventory to inform and develop a restoration plan for fish and wildlife species.</p>	The Nature Trust of BC	\$ 4,900	Habitat-based Actions	Cheakamus River Watershed
9	COA-F25-F-4111	<p><b>Monitoring for drought conditions in the Shuswap River Watershed</b></p> <p><i>Bessette Creek Streamflow Monitoring Year 2:</i> This project will maintain and monitor hydrometric stations on Bessette Creek, a tributary to the Shuswap River near Lumby, which is critical for salmon conservation.</p> <p>In the past, low flow and drought conditions that could impact spawners were often not detected in a timely manner. Through this project, hydrometric stations were strategically placed in key spawning areas for real-time drought alerts.</p> <p>These monitoring stations were critical for guiding water conservation actions during the 2021 and 2023 droughts by the provincial Regional Drought Response Team.</p>	Okanagan Nation Alliance	\$ 44,548	Research & Information Acquisition	Shuswap River Watershed
<b>Grant-based Fish Project Total:</b>				<b>\$869,790 (9 projects)</b>		

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10	COA-F25-F-4117-DCA	<p><b>Using chum carcasses to add nutrients to the Puntledge River Watershed</b></p> <p><i>Upper Puntledge River Watershed Chum Carcass Distribution:</i> This multi-year project will support the distribution of carcasses from a hatchery into the upper Puntledge River Watershed.</p> <p>Their slow decomposition will contribute essential marine-derived nutrients and energy that will benefit the entire food web and sustain the production of fish and other salmon-dependent species within the watershed.</p>	Courtenay and District Fish & Game Protective Association	\$ 2,100	Species-based Actions	Puntledge River Watershed
11	COA-F25-F-PUN-DFO-1	<p><b>Supporting Chinook in the Puntledge River Watershed</b></p> <p><i>F25 Annual Puntledge Hatchery Contribution:</i> This multi-year project provides annual funding to the Puntledge River Hatchery to support summer Chinook production.</p>	Fisheries and Oceans Canada (DFO)	\$ 17,000	Species-based Actions	Puntledge River Watershed
12	COA-F25-F-4142-DCA	<p><b>Improving fish passage in the Alouette River Watershed</b></p> <p><i>Supporting the study of fish passage improvement in Coquitlam and Alouette watersheds:</i> The FWCP Coastal Region board has made a 10-year commitment to support the assessment of improved fish passage feasibility at the Coquitlam and Alouette dams based on the <a href="#">Fish Passage Decision Framework</a>.</p>	Alouette River Management Society	\$ 31,141	Species-based Actions	Alouette River Watershed
13	TBD	<p><b>Improving fish passage in the Coquitlam-Buntzen Watershed</b></p> <p><i>Supporting the study of fish passage improvement in Coquitlam and Alouette watersheds:</i> The FWCP Coastal Region board has made a 10-year commitment to support the assessment of improved fish passage feasibility at the Coquitlam and Alouette dams based on the <a href="#">Fish Passage Decision Framework</a>.</p>	TBD	\$ 18,859	Species-based Actions	Coquitlam-Buntzen Watershed

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14	TBD	<p><b>Assessing urgent salmon habitat restoration in the Campbell River Watershed</b></p> <p><i>F25 Campbell River Gravel Strategy (Post-Storm Assessment):</i> The FWCP Coastal Region board approved funds to conduct spawning habitat assessments in the event winter flows exceed 225 cubic metres per second in the lower Campbell River. This aligns with the <a href="#">Campbell River Salmon Spawning Habitat Restoration Strategy</a>.</p> <p>The study will use methodology developed in 2019 through ongoing FWCP funding. The project will provide a high-level assessment of habitat and determine if work needs to be carried out urgently this summer to provide sufficient Chinook spawning habitat for the fall.</p>	TBD	\$ 15,000 (if required)	Habitat-based Actions	Campbell River Watershed
<b>Fish Directed Project Total:</b>				<b>\$84,100 (5 projects)</b>		

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15	COA-F25-W-4080	<p><b>Engaging First Nations and other partners to support western screech-owls</b></p> <p><i>Western Screech-owl Conservation and Stewardship:</i> This project is a cooperative effort involving biologists, First Nation Guardians, and volunteers to enhance habitat, monitor population trends, and raise awareness of western screech-owl conservation and enhancement options in the community.</p> <p>The project also aims to foster a community of practice among First Nation Guardians for conducting surveys and habitat assessments.</p>	Madrone Environmental Services Ltd.	\$ 15,000	Habitat-based Actions	Campbell River Watershed
16	COA-F25-W-4082	<p><b>Protecting northern spotted owls</b></p> <p><i>Northern Spotted Owl Breeding Program:</i> This multi-year project aims to prevent the extirpation of northern spotted owls in Canada by breeding and raising captive-raised owls for eventual release into areas protected for the species by the Province of B.C., including the Bridge-Seton Watershed.</p> <p>The northern spotted owl is one of Canada's most endangered birds and its entire Canadian range occurs in southwestern B.C. Currently, fewer than five individuals remain in the wild in Canada.</p>	British Columbia Conservation Foundation	\$ 172,525	Habitat-based Actions	Bridge-Seton Watershed
17	COA-F25-W-4083	<p><b>Conserving black swifts with First Nations partners</b></p> <p><i>Engagement of First Nations in Black Swift Conservation:</i> The population of black swifts is declining.</p> <p>This project will engage First Nations community members who will share their knowledge. The community members will learn new techniques to locate and monitor nests, strengthening the Nations' ability to steward the species into the future.</p>	Birds Canada	\$ 49,780	Research & Information Acquisition	Bridge-Seton, Stave River, Campbell River, and Cheakamus River watersheds

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18	COA-F25-W-4084	<p><b>Recovering western painted turtles</b></p> <p><i>Western Painted Turtle Recovery in Coastal Watersheds:</i> The goal of this multi-year project is to support the recovery of the western painted turtle—B.C.’s only remaining native freshwater turtle species—in the Alouette, Coquitlam, and Stave River watersheds.</p> <p>This project aims to increase populations by releasing head-started turtles, monitoring the populations’ recovery, providing essential habitat—such as basking features and nesting habitat—and monitoring the effectiveness of that habitat.</p>	Athene Ecological	\$ 140,000	Species-based Actions	Coquitlam-Buntzen, Alouette River, and Stave River watersheds
19	COA-F25-W-4087	<p><b>Recovering endangered Vancouver Island marmots</b></p> <p><i>Translocating Vancouver Island Marmots to Strathcona Park 2024:</i> This project will support the transfer of up to eight Vancouver Island marmots from Mount Washington into Strathcona Park. This will help colonies grow and contribute to the species’ occupation of the park.</p> <p>The marmot, which is federally designated as Endangered, is an endemic species that was extirpated from Strathcona Park in the 1990s. Translocating marmots with wild experience has resulted in more marmots successfully establishing themselves in the park.</p>	Marmot Recovery Foundation	\$ 16,790	Habitat-based Actions	Campbell River and Puntledge River watersheds



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20	COA-F25-W-4088	<p><b>Strengthening First Nations engagement in long-term monitoring of bats</b></p> <p><i>Supporting Indigenous Leadership in Bat Monitoring:</i> The Lillooet area in the Bridge-Seton Watershed is home to up to 14 bat species—among the most diversity in the province.</p> <p>The North American Bat Monitoring program uses bat acoustics, roost surveys, and citizen science to establish baseline data, bridge knowledge gaps, and enhance the resilience of bat populations.</p> <p>First Nations engagement is pivotal for biodiversity conservation and Indigenous-led monitoring. Long-term monitoring goals will be achieved by empowering active engagement in bat conservation within their local habitats.</p>	Wildlife Conservation Society Canada	\$ 92,194	Habitat-based Actions	Bridge-Seton Watershed
21	COA-F25-W-4089	<p><b>Restoring ecological function in the Campbell River Watershed</b></p> <p><i>Restoring Ecological Function in the Campbell River Estuary:</i> This multi-year project aims to help restore ecological function in the Campbell River Watershed by managing invasive yellow flag iris, purple loosestrife, and Japanese knotweed.</p> <p>This project will provide additional capacity for invasive species management, which will benefit fish and wildlife while protecting both the provincially Red-listed Henderson’s checkermallow-tufted hairgrass ecological community and Vancouver Island beggarticks, a species of Special Concern under the Species at Risk Act.</p>	Discovery Coast Greenways Land Trust	\$ 30,458	Habitat-based Actions	Campbell River Watershed

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22	COA-F25-W-4091	<p><b>Building a resilient bat population in the Clowhom River Watershed</b></p> <p><i>Conserving Bat Roosting Habitat in Clowhom Watershed, Year 2:</i> Already at risk, B.C.'s bat species face a new threat from the devastating White Nose Syndrome.</p> <p>This project will carry out conservation projects to improve habitat for at-risk bat species in the Clowhom River Watershed near Sechelt. The goal is to build a healthy and resilient bat population to increase its chances of survival if disease hits.</p>	Sunshine Coast Wildlife Project	\$ 19,000	Habitat-based Actions	Clowhom River Watershed
23	COA-F25-W-4094	<p><b>Recovering endangered whitebark pine in the Bridge-Seton Watershed</b></p> <p><i>Whitebark Pine Recovery: Building Community Capacity:</i> This project will build local expertise and expand the network of whitebark pine recovery specialists who have the skills required to respond to the increasing recovery needs of this endangered keystone species.</p> <p>This project will support continued recovery in the watershed, identify and build local champions, build local technical capacity, and support knowledge transfer among those currently implementing the work and new recruits.</p>	Moody Tree	\$ 68,834	Species-based Actions	Bridge-Seton Watershed
24	COA-F25-W-4096	<p><b>Supporting western painted turtle recovery in the Puntledge River Watershed</b></p> <p><i>Puntledge Western Painted Turtle Recovery:</i> This project will use eDNA sampling and visual surveys to confirm the presence and distribution of western painted turtles at 10 sites in the Puntledge River Watershed.</p> <p>The results of this project will inform next steps for habitat enhancement.</p>	Current Environmental Ltd	\$ 5,000	Research & Information Acquisition	Puntledge River Watershed

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25	COA-F25-W-4098	<p><b>Evaluating White Nose Syndrome mitigation options</b></p> <p><i>Bat White Nose Syndrome in Southwest B.C.: Disease Mitigation and Monitoring of Impacts:</i> This multi-year project will evaluate the use of a probiotic to reduce bat mortality in the event of White Nose Syndrome in colonies in the Cheakamus River, Coquitlam River, and Stave Lake watersheds.</p> <p>To evaluate effectiveness, the project will use Passive Integrated Transponder (PIT) tags to monitor untreated colonies outside of these watersheds. Acoustic monitoring and surveillance of baseline activity rates recorded by bat detectors will inform this work.</p> <p>If effective, this disease management strategy could inform mitigation efforts for bats across the province. This project will evaluate mitigation tools to reduce further impacts on bats, which face unprecedented threats, including White Nose Syndrome.</p>	Wildlife Conservation Society Canada	\$ 70,273	Habitat-based Actions	Stave River, Coquitlam-Buntzen, and Cheakamus river watersheds
26	COA-F25-W-4106	<p><b>Filling data gaps about bats in Falls River Watershed</b></p> <p><i>Bats in Falls River Watershed: Inventory and Habitat Analysis:</i> This Seed Grant project will address data gaps about bat presence in the Falls River Watershed, focusing on habitat assessment and identifying hibernacula.</p> <p>Project outcomes will inform next steps for mitigation and conservation for this ecologically significant bat species.</p>	Red-tail Environmental Inc.	\$ 3,260	Habitat-based Actions	Falls River Watershed
<b>Grant-based Wildlife Project Total:</b>				<b>\$683,114 (12 projects)</b>		

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27	COA-F25-W-4140-DCA	<p><b>Developing a habitat assessment map</b></p> <p><i>F25 FWCP Watershed Assessment Tool Development:</i> The FWCP Coastal Region board has approved funds to be directed toward the implementation of habitat assessment mapping across the Coastal Region’s 14 watersheds to reflect priority values, objectives, and assessment results.</p>	Province of B.C.	\$ 90,000	Research & Information Acquisition	Multiple watersheds
Wildlife Directed Project Total:				\$90,000 (1 project)		
2024-2025 PROJECT SPEND TOTAL:				\$1,727,004 (27 projects)		