



# FWCP Coastal Region 2023–2024 Project List

#	Project ID	2023-2024 Grant-based Fish Projects	Project Lead	FWCP Funding	Project Type	Action Plan Alignment	Watershed
1	COA-F24-F-3885	<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 the key, and this project helps to build compassion, promote action, protect fish, and preserve the Shuswap River Watershed.</p>	Kingfisher Interpretive Centre Society	\$15,000	Species-based Actions	All	Shuswap River Watershed
2	COA-F24-F-3829	<p><b>Enhancing spawning conditions for pink salmon at Clayton Falls</b></p> <p><i>Spawning Gravel Placement at Clayton Falls Tailrace*:</i> To improve spawning habitat for pink salmon, gravel will be placed downstream of Clayton Falls Powerhouse in the Bella Coola Valley.</p>	Kynoch Resources	\$18,079	Habitat-based Actions	Rivers, Lakes & Reservoirs	Clayton Falls Watershed

\* Project was withdrawn by the proponent subsequent to board approval.



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3	COA-F24-F-3895	<p><b>Improving fish passage in the Cheakamus River Watershed</b></p> <p><i>Squamish Estuary Lower Training Berm Modification – Stage 2:</i> This multi-year project is focused on the restoration of declining Chinook salmon populations in the Salish Sea and reconciliation with the Squamish Nation on the loss of their historic village and lands within the estuary.</p> <p>A berm constructed in the estuary in the 1970s, without the engagement of the Squamish Nation, is impeding fish passage. This phase of the project will modify the berm to significantly restore access to more than 144 hectares of estuarine habitat to out-migrating juvenile salmonids, with a focus on Chinook salmon.</p>	Squamish River Watershed Society	\$415,250	Habitat-based Actions	Rivers, Lakes & Reservoirs	Cheakamus River Watershed
4	COA-F24-F-3899	<p><b>Spawning habitat improvements below Elk Falls</b></p> <p><i>Elk Falls Canyon Spawning Gravel Delivery:</i> This project will add between 50 and 200 cubic metres of gravel to the Campbell River, just downstream of Elk Falls. Habitat enhancement here will aid spawning for all species of salmon and trout.</p> <p>This project benefits from FWCP-supported work in 2016 to construct a gravel delivery system in Elk Falls Provincial Park, which has greatly reduced the cost of gravel delivery.</p>	British Columbia Conservation Foundation	\$62,062	Habitat-based Actions	Rivers, Lakes & Reservoirs	Campbell River Watershed

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5	COA-F24-F-3903	<p><b>Restoring riparian habitat in the Puntledge River Watershed</b></p> <p><i>Kus-kus-sum Unpaving Paradise Year 3:</i> This multi-year project on the Kus-kus-sum conservation lands will focus on removing a steel-cladded retaining wall bordering the Courtenay River and restoring a decommissioned sawmill site back to its pre-disturbed state.</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> <p>This year, work will focus on earthworks and planting native species, as well as exploratory work for removing the retaining wall.</p>	Comox Valley Project Watershed Society	\$177,000	Habitat-based Actions	Rivers, Lakes & Reservoirs	Puntledge River Watershed
6	COA-F24-F-3905	<p><b>Using technology to improve fish passage</b></p> <p><i>Coquitlam River Floodgates and Salmon Passage Year 3:</i> The final year of this multi-year project will use fish-tracking technology to assess juvenile salmon passage at three floodgates installed in the Coquitlam River Watershed.</p> <p>This work will compare fish movement relative to floodgate openings and investigate how gate operation can improve passage. Results will ultimately increase understanding of how and where automated floodgates can be used to benefit salmon species in the Fraser River Watershed.</p> <p>The automated floodgate was installed on a Coquitlam River tributary to allow fish passage and enhance over three kilometres of crucial salmon habitat. There is evidence, however, that it is not allowing fish passage during the crucial time when juvenile salmon are seeking refuge and overwintering on their migration to the Pacific Ocean.</p>	MakeWay Charitable Society	\$75,178	Habitat-based Actions	Rivers, Lakes & Reservoirs	Coquitlam Buntzen Watershed



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7	COA-F24-F-3932	<p><b>Applying eco-cultural restoration techniques in the Campbell River Estuary</b></p> <p><i>Eco-Cultural Restoration of the Campbell River Estuary:</i> This multi-year eco-cultural restoration project builds on recent restoration efforts in the Campbell River estuary and will reduce erosion and provide greater resiliency during peak flows.</p> <p>Indigenous fish weir techniques will be used to protect and restore vital estuary sedge marsh habitat. Alder and willow fencing will help exclude Canada geese from the site and protect the tidal channel-edge habitat. Sites will be prepared for transplanting Lyngbye’s sedge.</p>	Guardians of Mid-Island Estuaries Society	\$54,000	Habitat-based Actions	Rivers, Lakes & Reservoirs	Campbell River Watershed
8	COA-F24-F-3933	<p><b>Applying eco-cultural restoration techniques in the Puntledge River Watershed</b></p> <p><i>Eco-cultural Restoration of the K'ómoks Estuary Year 4:</i> This project will focus on restoration efforts led by the Guardians of Mid-Island Estuaries Society and the K'ómoks First Nation Guardians to prevent further estuarine marsh degradation.</p> <p>This project will include controlling overabundant populations of resident Canada geese, which threaten the success of restoration efforts by over-grazing remnant and restored habitat. Habitat restoration strategies utilize an eco-cultural approach based on a modified traditional fish weir to construct fencing to physically exclude Canada geese from grazing marsh vegetation.</p>	Guardians of Mid-Island Estuaries Society	\$52,690	Habitat-based Actions	Rivers, Lakes & Reservoirs	Puntledge River Watershed

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9	COA-F24-F-3937	<p><b>Monitoring for drought conditions in the Shuswap River Watershed</b></p> <p><i>Bessette Creek Streamflow Monitoring:</i> To detect low streamflow in key salmon spawning locations, the project will maintain and monitor hydrometric stations on Bessette Creek, a tributary to the Shuswap River near Lumby.</p> <p>In the past, low flow and drought conditions that could impact spawners were often not detected in a timely manner.</p> <p>These monitoring stations have proven vital to decision-making during past drought and low-flow events.</p>	Okanagan Nation Alliance	\$23,095	Research & Information Acquisition	Rivers, Lakes & Reservoirs	Shuswap River Watershed
10	COA-F24-F-3940	<p><b>Building community stewardship in the Alouette River Watershed</b></p> <p><i>Fish Habitat Stewardship Workshops – Alouette River:</i> Educational workshops will be held to engage and train community volunteers to become riparian stewards in their own communities. Collaboration between First Nations, stewardship groups, and citizen scientists, will teach volunteers through hands-on training opportunities to make ecologically informed decisions and carry out valuable fish and wildlife habitat restoration projects.</p>	British Columbia Wildlife Federation	\$9,237	Habitat-based Actions	Rivers, Lakes & Reservoirs	Alouette River Watershed
11	COA-F24-F-3906	<p><b>Studying salmon habitat in the Cheakamus River Watershed</b></p> <p><i>Groundwater Fed Off-Channel Study:</i> A tributary to the Squamish River, the Mamquam River contains side channels that are vital habitats for coho, chum, and pink salmon to spawn, rear, and over-winter.</p> <p>This study will investigate the interactions between groundwater and surface water in these side channels to better understand how salmon survival can be improved in the Cheakamus River Watershed.</p>	Squamish River Watershed Society	\$5,000	Habitat-based Actions	Rivers, Lakes & Reservoirs	Cheakamus River Watershed



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12	COA-F24-F-3938	<p><b>Modernizing revegetation plans in the Bridge-Seton Watershed</b></p> <p><i>Horseshoe Bend Riparian Revegetation Planning:</i> As climate change adds complexity to planning processes, this Seed Grant will be used to carry out a deeper investigation of an existing revegetation plan, incorporating new research into vegetation survival that considers climate change and riparian planting success.</p> <p>The Horseshoe Bend site will include a large off-channel spawning and rearing area, and a 3.6-hectare riparian habitat.</p>	St'at'imc Government Services	\$5,000	Research & Information Acquisition	Rivers, Lakes & Reservoirs	Bridge-Seton Watershed
<b>Grant-based Fish Project Total:</b>				<b>\$911,591 (12 projects)</b>			

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13	COA-F24-F-PUN-DFO-1	<p><b>Supporting Chinook in the Puntledge River Watershed</b></p> <p><i>Supporting Aquaculture and Summer Chinook in the Puntledge River Watershed:</i> This multi-year project provides annual funding to the lower Puntledge River Hatchery to support summer Chinook production.</p>	Fisheries and Oceans Canada	\$17,000	Species-based Actions	All	Puntledge River Watershed
14	COA-F24-F-3946-DCA	<p><b>Improving fish passage in the Alouette River Watershed</b></p> <p><i>F24 Annual Fish Passage for Alouette River Watershed:</i> Our Coastal Region board has made a 10-year commitment to support fish passage feasibility plans for the Alouette River and based on the Fish Passage Decision Framework.</p>	Alouette River Management Society	\$31,130	Species-based Actions	Rivers, Lakes & Reservoirs	Alouette River Watershed
15	COA-F24-F-DCA	<p><b>Improving fish passage in Coquitlam-Buntzen Watershed</b></p> <p><i>F24 Annual Fish Passage for Coquitlam Watershed:</i> Our Coastal Region board has made a 10-year commitment to support fish passage feasibility plans for the Coquitlam River based on the Fish Passage Decision Framework</p>	TBD	\$18,870	Species-based Actions	Rivers, Lakes & Reservoirs	Coquitlam-Buntzen Watershed
16	COA-F24-F-DCA	<p><b>Assessing urgent salmon habitat restoration in the Campbell River Watershed</b></p> <p><i>F24 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 225m<sup>3</sup>/sec in the Campbell River. This aligns with the Campbell River Salmon Spawning Habitat Restoration Strategy.</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 salmon spawning habitat for the fall.</p>	Campbell River Salmon Spawning Habitat Committee	\$15,000	Habitat-based Actions	Rivers, Lakes & Reservoirs	Campbell River Watershed



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17	COA-F24-W-DCA	<p><b>Adding nutrients to the Puntledge River Watershed</b></p> <p><i>F24 Annual Chum Carcass Project:</i> This is year two of a five-year project to support the distribution of chum salmon 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	\$2,000	Habitat-based Actions	Rivers, Lakes & Reservoirs	Puntledge River Watershed
<b>Fish Directed Project Total:</b>				<b>\$84,000 (5 projects)</b>			





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18	COA-F24-W-3901	<p><b>Preserving valuable habitat in the Comox Valley</b></p> <p><i>Morrison Headwaters Nature Preserve – Phase 2:</i> This funding will support the Comox Valley Land Trust in efforts to acquire a 289-hectare piece of land to protect valuable habitat in the Comox Valley lowlands, vital habitat for one endangered species and 14 Species at Risk.</p> <p>The property contains the headwaters of Morrison Creek on Vancouver Island’s Puntledge River Watershed, and it is renowned for its abundant, reliable runs of salmon, thanks to a unique “climate-proof” spring-fed system. It’s the largest unprotected area of core wildlife habitat in the Comox Valley, home to all large mammals native to Vancouver Island.</p>	Comox Valley Land Trust	\$325,000	Land Securement	All	Puntledge River Watershed
19	COA-F24-W-3891	<p><b>Captive-raising Canada’s most endangered owl species</b></p> <p><i>Northern Spotted Owl Captive Breeding Program:</i> This multi-year project aims to prevent the extirpation of northern spotted owls in Canada by releasing captive-raised owls into areas protected for the species by the Province of B.C., including the Bridge-Seton River 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	\$152,393	Habitat-based Actions	All	Bridge-Seton Watershed



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20	COA-F24-W-3896	<p><b>Recovering endangered Vancouver Island marmots</b></p> <p><i>Translocating Vancouver Island Marmots to Strathcona Park 2023:</i> This project will support the transfer of between two and six Vancouver Island marmots from Mount Washington into Strathcona Park. These additions will help re-established colonies persist while future recovery efforts continue.</p> <p>The marmot, which is federally designated as Endangered, is an endemic species that was extirpated from Strathcona Park in the 1990s. Reintroduction efforts have successfully established several marmot colonies in the park.</p>	Marmot Recovery Foundation	\$12,685	Habitat-based Actions	Upland & Dryland	Campbell & Puntledge River Watersheds
21	COA-F24-W-3900	<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 integrity and function in the Campbell River Watershed by managing invasive plants in the estuary, including 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 checker-mallow-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	\$29,475	Habitat-based Actions	Wetland & Riparian	Campbell River Watershed



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22	COA-F24-W-3912	<p><b>Recovering western painted turtles</b></p> <p><i>Western Painted Turtle Recovery in Lower Mainland 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>	British Columbia Conservation Foundation	\$142,320	Species-based Actions	All	Alouette, Coquitlam-Buntzen, and Stave River Watersheds
23	COA-F24-W-3928	<p><b>Building a resilient bat population in the Clowhom River Watershed</b></p> <p><i>Conservation of Bat Roosting Habitat in Clowhom Watershed:</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	Upland & Dryland	Clowhom River Watershed



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24	COA-F24-W-3929	<p><b>Evaluating white-nose syndrome mitigation options</b></p> <p><i>Bat White-Nose Syndrome in Southwest BC: 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 PIT-tag monitor untreated colonies outside of these watersheds.</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	\$60,370	Habitat-based Actions	Upland & Dryland	Cheakamus, Coquitlam-Buntzen and Stave River Watersheds
25	-	<p><b>Supporting community-based projects</b></p> <p><i>F24 Community Engagement Grants:</i> Our Coastal Region board approved funding for Community Engagement Grants. These grants of up to \$1,000 support multiple projects led by stewardship groups, First Nations, and others to benefit fish and wildlife.</p>	-	\$7,500	N/A	N/A	-
<b>Grant-based Wildlife Project Total:</b>				<b>\$748,743 (8 projects)</b>			



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26	COA-F24-W-DCA	<p><b>Developing a habitat assessment map</b></p> <p><i>F24 Directed Watershed Habitat Assessment Mapping:</i> Our Coastal Region board has approved funds to be directed toward the implementation of habitat assessment mapping across the Coastal Region’s 14 watersheds.</p>	Province of B.C.	\$90,000	Research & Information Acquisition	All	All Multiple
27	COA-F24-W	<p><b>Securing conservation lands in our Coastal Region</b></p> <p><i>Conserving Ecosystems and Habitats:</i> Our Coastal Region board has approved funds to be directed toward the future purchase of conservation lands.</p>	TBD	\$372,398	Land Securement	All	All Multiple
28	COA-F24-W	<p><b>Refreshing FWCP priorities in the Coastal Region</b></p> <p><i>Action Plan Update:</i> Our Coastal Region board has approved funds to update the region’s Action Plan.</p> <p>The Coastal Region’s Action Plans describe the strategies and priority actions needed to accomplish FWCP objectives at the watershed level. The plans guide FWCP investments and are referenced annually by the Coastal Region board to track progress toward implementation, set annual priorities, and guide decision-making in setting out and approving the Annual Operating Plan for the region.</p>	TBD	\$250,000	<b>N/A</b>	N/A	All
<b>Wildlife Directed Project Total:</b>				<b>\$712,398 (3 projects)</b>			
<b>2023–2024 PROJECT SPEND TOTAL:</b>				<b>\$2,456,732 (28 projects)</b>			