



FWCP Columbia Region 2022–2023 Project List

#	Project ID	2022–2023 Grant-based Fish Projects	Project Lead	FWCP Funding	Project Type	Action Plan Alignment	Sub-region
1	COL-F23-F-3696	<p>Restoring habitat for shore-spawning kokanee in Kootenay Lake</p> <p><i>Shore Spawning Kokanee Restoration & Research Project Year 3:</i> This multi-year project to increase kokanee fry survival focuses on collecting data and restoring habitat for declining shore-spawning kokanee in the West Arm of Kootenay Lake.</p> <p>In addition, potential sites for future restoration will be identified using on-the-ground monitoring and drone images.</p>	Friends of Kootenay Lake Stewardship Society	\$18,070	Monitoring & Evaluation	Reservoirs & Large Lakes	West Kootenay
2	COL-F23-F-3699	<p>Monitoring West Kootenay bull trout populations</p> <p><i>Salmo River Bull Trout Escapement 2022:</i> This project will continue bull trout redd counts in known spawning areas of the Salmo River, adding to long-term trend monitoring for this Blue-listed species. These data may inform future habitat restoration and/or conservation efforts.</p> <p>This project aligns with a trans-boundary Watershed Planning Team request to continue monitoring this population. Conservation biology guidelines for bull trout require 50–100 individuals per population to minimize inbreeding effects. Since 2010, the spawning population has been below 100.</p>	Salmo Watershed Streamkeepers Society	\$15,015	Species-based Actions	Rivers & Riparian Areas	West Kootenay



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3	COL-F23-F-3706	<p>Training community habitat stewards</p> <p><i>Fish Habitat Stewardship Workshops—Columbia:</i> These workshops teach volunteers appropriate enhancement techniques for different habitat types, project planning skills, and habitat stewardship.</p> <p>Volunteers will gain the skills needed to become riparian stewards in their own backyards. They will be equipped to help restore valuable fish and wildlife habitat based on ecologically informed decisions.</p>	British Columbia Wildlife Federation	\$8,725	Habitat-based Actions	Rivers & Riparian Areas	Basin-wide
4	COL-F23-F-3731	<p>Bringing Indigenous values to the evaluation of foreshore planning</p> <p><i>Lake Foreshore Monitoring with Indigenous Values:</i> This project will evaluate and apply revised Foreshore Integrated Management Planning (FIMP) standards and methodologies to one to two lakes in the Columbia Basin to assess the rate of change of shoreline health.</p> <p>These FIMP assessments will provide a benchmark by which to compare habitat changes over time, contribute to improving FIMP methods around the climate connection, and interweave Indigenous Knowledge.</p>	Living Lakes Canada	\$50,000	Habitat-based Actions	Small Lakes	West Kootenay
Grant-based Fish Project Total:				\$91,810			



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5	COL-F23-F-3612-DCA	<p>Adding nutrients to the Arrow Lakes Reservoir</p> <p><i>F23 Arrow Lakes Reservoir Nutrient Restoration Program:</i> This ongoing restoration program addresses nutrient losses in Arrow Lakes Reservoir resulting from the construction of the Hugh Keenleyside, Mica, and Revelstoke dams.</p> <p>In this bottom-up approach, the addition of nutrients—nitrogen and phosphorus in the form of liquid agricultural-grade fertilizer—supports phytoplankton populations that are suitable for the production of zooplankton, including daphnia, which is a main food source for kokanee.</p> <p>This project also includes the coordination and technical and operational oversight of monitoring several trophic levels, as well as data analysis and reporting.</p>	Province of B.C.	\$1,045,993	Habitat-based Actions	Reservoirs & Large Lakes	West Kootenay

¹ The FWCP’s annual and ongoing projects are defined as long-term operational projects (e.g., nutrient restoration programs, northern leopard frog recovery, and ecosystem enhancement) that require continuity for implementation and also address a significant habitat restoration requirement. Many of these projects are delivered in partnership with the Province of B.C. through a letter of agreement.



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6	COL-F23-F-3613-DCA	<p>Adding nutrients to the North Arm of Kootenay Lake</p> <p><i>F23 Kootenay Lake Nutrient Restoration Program North Arm:</i> This ongoing restoration program addresses nutrient losses in Kootenay Lake resulting from the construction of the Duncan and Libby dams.</p> <p>In this bottom-up approach, the addition of nutrients—nitrogen and phosphorus in the form of liquid agricultural-grade fertilizer—from April to September supports phytoplankton populations that are suitable for the production of daphnia, a main food source for kokanee.</p> <p>This project also includes the coordination and technical and operational oversight of monitoring several trophic levels, as well as data analysis and reporting.</p>	Province of B.C.	\$1,213,123	Habitat-based Actions	Reservoirs & Large Lakes	West Kootenay
7	COL-F23-F-3614-DCA	<p>Supporting Meadow Creek spawning channel at Kootenay Lake</p> <p><i>F23 Meadow Creek Spawning Channel:</i> This project supports ongoing operations, maintenance, and monitoring at the Meadow Creek spawning channel. The channel provides spawning habitat for a large number of Kootenay Lake kokanee, which are the primary prey species for both bull trout and Gerrard rainbow trout.</p> <p>BC Hydro built the spawning channel in 1967 to compensate for natural kokanee habitat lost due to the construction of the Duncan Dam.</p>	Province of B.C.	\$215,529	Habitat-based Actions	Reservoirs & Large Lakes	West Kootenay



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8	COL-F23-F-3615-DCA	<p>Supporting Hill Creek spawning channel on the Arrow Lakes Reservoir</p> <p><i>F23 Hill Creek Spawning Channel:</i> This project supports ongoing operations, maintenance, and monitoring at the Hill Creek spawning channel. Monitoring includes kokanee fry emigration, rainbow trout redd counts and fry emergence, overwintering egg survival, water quality at the spawning channel, and adult kokanee size, fecundity, and escapement.</p> <p>The spawning channel was built by BC Hydro to compensate for spawning habitat lost due to the construction of the Revelstoke Dam, and it now provides additional spawning habitat for kokanee and rainbow trout from the Arrow Lakes Reservoir.</p>	Province of B.C.	\$183,555	Habitat-based Actions	Reservoirs & Large Lakes	West Kootenay
Annual and Ongoing Fish Project Total:				\$2,658,200			



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9	COL-F23-W-3672	<p>Stewarding conservation lands in the Columbia Region</p> <p><i>NTBC-Land Stewardship Activities F23 Program:</i> This project will focus conservation field-crew work on operations and stewardship projects, especially those involving First Nations, that maintain and enhance biodiversity and wildlife values on conservation properties.</p>	The Nature Trust of British Columbia	\$34,100	Habitat-based Actions	Upland & Dryland	Basin-wide
10	COL-F23-W-3673	<p>Filling information gaps about pollinators in the West Kootenay</p> <p><i>Floral Relations of Native Bees in Camas Meadows Year 3:</i> This multi-year project will document native bee identity, abundance, status, and diversity, as well as pollinator and plant relationships and habitat use in wet camas meadows in the West Kootenay.</p> <p>Camas is a vital food plant for First Nations, and Indigenous cultivation likely supported high pollinator diversity in the past. The eco-cultural restoration of these meadows requires good baseline data to inform conservation efforts and measure the recovery of bio-cultural diversity.</p>	Kootenay Native Plant Society	\$46,558	Research & Information Acquisition	Wetlands & Riparian Areas	West Kootenay



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11	COL-F23-W-3674	<p>Creating pollinator habitat</p> <p><i>Bummers Flats Pollinator Meadow Restoration Year 2:</i> This multi-year project aims to create a biologically diverse and functioning herbaceous plant community to attract a wide range of native pollinators and discourage invasive species.</p> <p>Approximately one hectare of a levee that was formerly sprayed with herbicides has been planted with native seeds and rhizomes. The plots will be monitored and adaptively managed over the next four years to inform future pollination restoration projects in Bummers Flats and in other regional conservation lands.</p>	KinSeed Ecologies	\$34,493	Habitat-based Actions	Upland & Dryland	East Kootenay
12	COL-F23-W-3680	<p>Improving habitat for at-risk swallows</p> <p><i>Upper Columbia Swallow Habitat Enhancement Project Year 2:</i> This multi-year project aims to conserve and enhance habitat for at-risk bank and barn swallows in the North Columbia and the East Kootenay.</p> <p>Artificial nesting structures and nest cups will be installed to replace nests that have been removed (or will be removed soon) and to entice barn swallows to existing nesting sites by making them more attractive for breeding. Breeding habitat will be expanded for at-risk bank swallows.</p>	Wildsight Golden	\$27,607	Habitat-based Actions	Wetlands & Riparian Areas	East Kootenay

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#	Project ID	2022–2023 Grant-based Wildlife Projects	Project Lead	FWCP Funding	Project Type	Action Plan Alignment	Sub-region
13	COL-F23-W-3682	<p>Yaq̓it ʔa-knuq̓i 'it community plans for sustainable ungulate populations</p> <p><i>Yaq̓it ʔa-knuq̓i 'it Ungulate Habitat Management Plan:</i> Invasive plants and forest encroachment have greatly reduced ecosystem health on reserve lands increasing demand from ungulates—elk, mule deer, white-tailed deer—on limited resources and further degrading these systems.</p> <p>Yaq̓it ʔa-knuq̓i 'it will develop an ungulate habitat management plan that describes current habitat conditions and identifies strategies to restore habitats on reserve to sustainably support ungulate populations year-round.</p>	Yaq̓it ʔa-knuq̓i 'it (Tobacco Plains Indian Band)	\$49,581	Research & Information Acquisition	Upland & Dryland	East Kootenay
14	COL-F23-W-3684	<p>Addressing invasive plants in the Elk Valley</p> <p><i>Elk Valley Invasive Plant Management Year 3:</i> This multi-year project will provide a multi-stakeholder framework to minimize and contain invasive plant species and maintain biodiversity and ecological function in the upper Elk Valley with an emphasis on areas of high habitat value (such as bighorn sheep habitat and conservation properties).</p> <p>Multi-stakeholder groups will work collaboratively to coordinate and implement a management plan designed to prevent, educate, inventory, contain, reduce, and monitor invasive plant species in the identified priority areas. This project will benefit bighorn sheep, elk, moose, white-tailed deer, mule deer, and grizzly bears.</p>	East Kootenay Invasive Species Council	\$20,060	Habitat-based Actions	Upland & Dryland	East Kootenay

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15	COL-F23-W-3685	<p>Confirming feasibility of large-scale invasive management plan</p> <p><i>Galton Range or Bull River Invasive Species Management:</i> This Seed Grant project will explore the feasibility of a large-scale, multi-year project to conduct habitat-based invasive plant management within either the Galton Mountain Range or the Bull River area in the East Kootenay.</p> <p>Both areas contain important wildlife habitat, and a large-scale project will significantly contribute to maintaining biodiversity and ecological function. This feasibility assessment will also promote community stewardship by connecting land managers, user groups, and others.</p>	East Kootenay Invasive Species Council	\$4,941	Habitat-based Actions	Upland & Dryland	East Kootenay
16	COL-F23-W-3686	<p>Planning to restore wetlands on ʔaǰam lands</p> <p><i>ʔakaǰaʔhaʔ (Wetland) Restoration Design:</i> This is the first year of a multi-year project to restore wetlands that are critical for protecting water resources, habitat connectivity, and wet microclimates for all living things in a changing climate on ʔaǰam lands.</p> <p>Work will include baseline studies of ecosystem health, species at risk, and archaeological values; a cultural and ecological knowledge assessment conducted by and with ʔaǰamnik community members; and concurrent restoration design/planning. The result will be a shelf-ready plan for restoring ʔakaǰaʔhaʔ for the benefit of both wildlife and the cultural practices of the community.</p>	ʔaq'am First Nation	\$5,000	Habitat-based Actions	Wetlands & Riparian Areas	East Kootenay

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#	Project ID	2022–2023 Grant-based Wildlife Projects	Project Lead	FWCP Funding	Project Type	Action Plan Alignment	Sub-region
17	COL-F23-W-3688	<p>Filling data gaps about bat abundance and diversity</p> <p><i>Establishing and Monitoring Bat Abundance and Diversity Year 1:</i> This multi-year project will use the North American Bat Monitoring protocol to establish baseline diversity and relative abundance of bats and guide implementation of mitigation efforts for threats such as white-nose syndrome.</p> <p>This project includes construction and assessment of artificial roosts and the results will help inform conservation planning in future years.</p>	Wildlife Conservation Society Canada	\$73,951	Species-based Actions	Upland & Dryland	Basin-wide
18	COL-F23-W-3694	<p>Improving riparian function by removing invasives</p> <p><i>Kootenay Riparian Invasive Plant Removal Year 2:</i> This multi-year project will support the development and implementation of a multi-year plan for removing invasive yellow flag iris and purple loosestrife along the West Arm of Kootenay Lake and the Kootenay River downstream of the Brilliant Dam.</p> <p>This will improve riparian ecosystem function, protect high-value conservation areas, and increase awareness and long-term stewardship among local residents.</p>	Central Kootenay Invasive Species Society	\$28,952	Habitat-based Actions	Rivers & Riparian Areas	West Kootenay
19	COL-F23-W-3698	<p>Conserving and restoring East Kootenay cottonwood forests</p> <p><i>Elk Valley Cottonwood Conservation and Restoration Strategy:</i> This project will inventory the extent and condition of existing and historical cottonwood forests and prioritize conservation and restoration sites. It will develop restoration prescriptions in consultation with First Nations, local user groups, subject matter experts, NGOs, and government representatives.</p>	Elk River Watershed Alliance (operating as Elk River Alliance)	\$62,565	Habitat-based Actions	Upland & Dryland	East Kootenay

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20	COL-F23-W-3702	<p>Supporting endangered East Kootenay whitebark pine</p> <p><i>Whitebark Pine Planting in East Kootenay Wildfire Areas Year 5:</i> This multi-year project will support whitebark pine recovery by planting an estimated 15,000 seedlings at a density of 500-800/hectare, improving growing conditions for naturally regenerating trees, and working with industry to improve management approaches.</p> <p>Whitebark pine is a keystone species of high-elevation ecosystems. It provides important food for wildlife. Due to introduced white pine blister rust, mountain pine beetle, changes to fire regimes, and climate change, numbers of whitebark pine have dramatically decreased, leading to its designation as Endangered under the Species at Risk Act.</p>	Moody Tree	\$49,865	Species-based Actions	Upland & Dryland	Basin-wide
21	COL-F23-W-3717	<p>Restoring wetland habitat in our Columbia Region</p> <p><i>Advancing Wetland Stewardship & Restoration in the Kootenays:</i> This project will restore a minimum of 15 hectares of wetland and floodplain habitat on Yaqa Nukiy lands near Creston and Hyppo Landing Wetland near Canal Flats. This work will aid species at risk, support First Nations, and increase landscape connectivity.</p> <p>Design plans will be created for future wetland restoration in Winlaw. Effectiveness monitoring and maintenance will occur at past restoration sites. Wetland keeper workshops will be offered to build the capacity of stewardship groups, volunteers, educators, First Nations, landowners, and others to protect, enhance, and restore wetlands.</p>	British Columbia Wildlife Federation	\$100,000	Habitat-based Actions	Wetlands & Riparian Areas	Basin-wide



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22	COL-F23-W-3718	<p>Investigating riparian invasives in the North Columbia</p> <p><i>North Columbia Invasive Species Riparian Restoration:</i> This Seed Grant project will investigate riparian conservation areas of concern in the North Columbia, where invasive plants are present or more information is needed.</p> <p>Sites include the Revelstoke Reach greenbelt and airport ponds—which are home to migratory birds, western painted turtles, and other wildlife—as well as high-value conservation areas with invasive plants in the Golden-area Columbia Wetlands.</p> <p>Outcomes of this project will inform a future grant application to support the restoration of these sites.</p>	Columbia Shuswap Invasive Species Society	\$5,000	Habitat-based Actions	Wetlands & Riparian Areas	North Columbia
23	COL-F23-W-3723	<p>Improving Rocky Mountain ungulate habitat</p> <p><i>Kicking Horse Canyon Habitat Enhancement Project:</i> The goals of this project are to maintain previously treated ungulate winter range for Rocky Mountain elk and support habitat connectivity on a landscape-scale near the Yoho National Park boundary.</p> <p>Planned enhancement works include the spacing of immature forest, brushing forest ingrowth, and removing mature trees.</p>	Golden District Rod and Gun Club	\$28,860	Habitat-based Actions	Upland & Dryland	North Columbia

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24	COL-F23-W-3727	<p>Reducing grizzly bear conflicts</p> <p><i>Grizzly Bear Coexistence Solutions Year 3:</i> This multi-year project will promote coexistence between grizzly bears and rural residents through education, collaboration, and the use of practical tools, such as correctly installed electric fencing. This will help prevent bear conflicts and associated grizzly bear mortalities in the low-elevation linkage habitats that often overlap with agricultural lands.</p> <p>As conflicts are reduced, there will be improved grizzly bear conservation status in the region, including enhanced connectivity between core grizzly bear populations.</p>	Sanders Environmental Services	\$25,000	Species-based Actions	Upland & Dryland	Basin-wide
25	COL-F23-W-3728	<p>Restoring wetlands and hydrology in the East Kootenay</p> <p><i>Marion Creek Wetland Restoration Project:</i> This project will restore up to six wetlands, totaling four hectares, plus six hectares of upland habitat. Marion Creek is located on the Nature Conservancy of Canada’s Thunder Hill Ranch conservation property in the Upper Columbia Valley, northwest of Canal Flats.</p> <p>Restoring key reaches of Marion Creek altered through ditching, channeling, and draining will help restore the natural hydrology of the creek and support climate resiliency. It will improve habitat for wildlife, including several species at risk, such as westslope cutthroat trout and western painted turtle.</p>	Nature Conservancy of Canada	\$55,000	Habitat-based Actions	Wetlands & Riparian Areas	East Kootenay

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26	COL-F23-W-3733	<p>Reducing wildlife highway mortalities in the East Kootenay</p> <p><i>Safe Passages for Wildlife in the Southern Canadian Rockies Year 3:</i> This multi-year project is aimed at improving connectivity and reducing collisions along Highway 3 near the Alberta border.</p> <p>This year’s work will focus on improving connectivity at the Old Town and Michel Mouth bridges, installing fencing, improving the effectiveness monitoring program, and increasing engagement with the Ktunaxa Nation.</p>	Province of B.C.	\$50,000	Habitat-based Actions	Upland & Dryland	East Kootenay
27	COL-F23-W-3740	<p>Improving understanding of species distribution and occurrence</p> <p><i>Survey of Priority Areas for Western Screech-owl:</i> This project will use night surveys to gather data on the presence and distribution of Western screech-owls in the Upper Columbia, Creston, and Slokan River valleys.</p> <p>Ktunaxa Nation input and knowledge will be used to inform survey sites within the study area. This baseline data will help inform future conservation planning, including proposals of Wildlife Habitat Areas to address species-specific habitat securement.</p>	Jared Hobbs Ecological Consulting	\$34,248	Species-based Actions	Rivers & Riparian Areas	Basin-wide
28	N/a	<p>Supporting community-based projects</p> <p><i>F23 Community Engagement Grant:</i> Our Columbia Region board approved funding for Community Engagement Grants.</p> <p>These grants of up to \$1,000 support multiple projects led by stewardship groups, First Nations, and others to benefit fish and wildlife.</p>	TBD	\$7,500	TBD	TBD	Basin-wide
Grant-based Wildlife Project Total:				\$743,281			

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29	COL-F23-W-3604-DCA	<p>Enhancing habitat for non-game species</p> <p><i>F23 Non-game Enhancement:</i> This annual and ongoing project focuses on non-game species. It includes a variety of activities that maintain and enhance critical habitat, such as the roosting, denning, and nesting features important for the reproduction and survival of species impacted by reservoir footprint habitat losses.</p>	Province of B.C.	\$257,524	Habitat-based Actions	Small Lakes	Basin-wide
30	COL-F23-W-3605-DCA	<p>Supporting northern leopard frog recovery</p> <p><i>F23 Northern Leopard Frog Recovery:</i> This annual and ongoing project involves conducting inventory, monitoring, and stewardship of the Endangered northern leopard frog population at the Creston Valley Wildlife Management Area.</p> <p>This population hosts the majority of the remaining northern leopard frogs in B.C. It serves as the source population for re-introductions to the Upper Kootenay and Brisco areas.</p>	Province of B.C.	\$261,401	Species-based Actions	Wetlands & Riparian Areas	Basin-wide
31	COL-F23-W-3606-DCA	<p>Stewardship of conservation lands</p> <p><i>F23 Land Management Operations:</i> This annual and ongoing project focuses on the coordination, oversight, and implementation of land stewardship activities associated with conservation lands.</p>	Province of B.C.	\$338,770	Habitat-based Actions	Upland & Dryland	Basin-wide

² The FWCP’s annual and ongoing projects are defined as long-term operational projects (e.g., nutrient restoration programs, northern leopard frog recovery, and ecosystem enhancement) that require continuity for implementation and also address a significant habitat restoration requirement. Many of these projects are delivered in partnership with the Province of B.C. through a letter of agreement.

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32	COL-F23-W-3607-DCA	<p>Restoring and enhancing wetlands</p> <p><i>F23 Wetland and Riparian Enhancement:</i> The goal of this annual and ongoing project is to deliver wetland restoration work, continue to develop new projects, and monitor completed projects.</p> <p>Developing new projects includes identifying candidate restoration sites, compiling background information, conducting a pre-treatment inventory of sites, working with a wetland specialist to complete restoration plans, and developing the partnerships, permits, and budgets necessary to implement restoration projects.</p> <p>An effectiveness evaluation of FWCP-funded wetland conservation efforts—including creation, enhancement, and restoration—is currently underway. Results of this evaluation will inform future FWCP wetland conservation efforts.</p>	Province of B.C.	\$71,396	Habitat-based Actions	Wetlands & Riparian Areas	Basin-wide
33	COL-F23-W-3608-DCA	<p>Enhancing West Kootenay ecosystems</p> <p><i>F23 West Kootenay Ecosystem Enhancement:</i> This project focuses on the oversight, coordination, and implementation of restoration activities in West Kootenay upland and dryland ecosystems, including prescription development, slashing, piling, prescribed burn-planning, burning, post-burn monitoring, and reporting.</p>	Province of B.C.	\$187,951	Habitat-based Actions	Upland & Dryland	West Kootenay



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34	COL-F23-W-3609-DCA	<p>Enhancing East Kootenay ecosystems</p> <p><i>F23 East Kootenay Ecosystem Enhancement:</i> This annual and ongoing project will focus on the oversight, coordination, and implementation of restoration activities in East Kootenay upland and dryland ecosystems, including prescription development, slashing, piling, pile burning, masticating, burn-planning, prescribed burning, post-burn monitoring, and reporting.</p>	Province of B.C.	\$245,063	Habitat-based Actions	Upland & Dryland	East Kootenay
35	COL-F23-W-3610-DCA	<p>Supporting caribou recovery</p> <p><i>F23 Caribou Recovery:</i> This annual and ongoing project is a multi-agency effort led by the Province of B.C. to recover threatened caribou sub-populations. To date, the FWCP has supported caribou recovery by assisting with population monitoring, transplants, providing information on predator-prey dynamics, and identifying potential habitat-restoration activities.</p>	Province of B.C.	\$154,284	Species-based Actions	Upland & Dryland	Basin-wide
36	COL-F23-W-3611-DCA	<p>Land securement in our Columbia Region</p> <p><i>F23 Land Securement:</i> Annual funding is set aside by the FWCP’s Columbia Region board to support priority land acquisition projects that strongly align with Columbia Region action plan priorities and support participation on land securement committees.</p> <p>Land securement is a priority action for all ecosystems in the FWCP’s Columbia Region.</p>	Province of B.C.	\$627,580	Land Securement	Upland & Dryland	Basin-wide
Annual and Ongoing Wildlife Project Total:				\$2,143,969			



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#	Project ID	2022–2023 Fish Directed Projects	Project Lead	FWCP Funding	Project Type	Action Plan Alignment	Sub-region
37	TBD	<p>Strengthening engagement of First Nations in fish projects</p> <p><i>First Nations-led Directed Fish Projects:</i> First Nations are identifying directed fish projects to lead and deliver in F23.</p> <p>Work will include the prioritization of projects, development of work scope, and project implementation. All projects delivered will align with the FWCP’s Columbia Region action plans.</p>	Ktunaxa Nation, Okanagan Nation Alliance & Secwepemc Nation	\$225,000	TBD	TBD	TBD
38	COL-F23-F-3764	<p>Ensuring sustainability of the Murphy Creek spawning channel</p> <p><i>Murphy Creek Spawning Channel Monitoring and Maintenance F23:</i> The spawning channel supports the rainbow trout population in Murphy Creek, which feeds the resident Columbia River population.</p> <p>The maintenance of this spawning channel ensures quality spawning habitat is available for rainbow trout, and the monitoring of spawners will provide data to evaluate run size and population dynamics.</p> <p>The Trail Wildlife Association has partnered with the Okanagan Nation Alliance to ensure that the ongoing maintenance and monitoring of the spawning channel can be completed despite declining volunteer participation.</p>	Okanagan Nation Alliance	\$20,000	Habitat-based Actions	Rivers & Riparian Areas	West Kootenay
Directed Fish Project Total:				\$245,000			



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39	COL-F23-W-3739-DCA	<p>Informing land securement decisions</p> <p><i>Kootenay Conservation Program Land Acquisition & Base Support:</i> The Kootenay Conservation Program will support the Columbia Region board when it considers land securement options for lands with high conservation values.</p>	Kootenay Conservation Program	\$45,000	Land Securement	Upland & Dryland	Basin-wide
40	TBD	<p>Strengthening engagement of First Nations in wildlife projects</p> <p><i>First Nations-led Directed Wildlife Projects:</i> First Nations are identifying directed wildlife projects to lead and deliver in F23.</p> <p>Work will include the prioritization of projects, development of work scope, and project implementation. All projects delivered will align with the FWCP's Columbia Region action plans.</p>	Ktunaxa Nation, Okanagan Nation Alliance & Secwepemc Nation	\$225,000	TBD	TBD	TBD
Directed Wildlife Project Total:				\$270,000			
2022–2023 PROJECT SPEND TOTAL:				\$6,152,260			