

### 2015-2016 UKEEP (Upper Kootenay Ecosystem Enhancement Plan) Projects

UKEEP Grant-based Fish Projects							
Project #	Grant Type	Project Title*	Project Description	Project Lead	FWCP/CBT Contribution	Align with FWCP Action Plan	Project Type
UF-F16-105	Large	Evaluation of Current Westslope Cutthroat Trout Hybridization Levels in the Upper Kootenay Drainage	Westslope cutthroat trout are threatened by hybridization in southeast B.C. with introduced rainbow trout. This project continues the collection of Westslope cutthroat trout, rainbow trout and hybrid genetic samples throughout the upper Kootenay watershed in 2015 and will determine hybridization rates through genetic analysis of samples collected from 2012.	Ministry of Forests, Lands and Natural Resource Operations	\$46,728	UKEEP Lakes Action Plan	Research and Information
UF-F16-106	Large	Upper Kootenay Stream Crossing Remediation	The project will re-establish connectivity to high-value existing habitat by replacing culverts on four streams in the Gold Creek drainage. Two crossings (Caven/Bloom creeks) will be completed in 2015 and two other crossings are anticipated to be completed in 2016.	Freshwater Fisheries Society of BC	\$96,631	UKEEP Streams Action plan	Habitat-based
UF-F16-108	Large	High Resolution Conductivity and Temperature Project - The Role of Groundwater and Channel Morphology in Redd Site Selection by Westslope Cutthroat Trout and Bull Trout	The goal is to identify (at appropriate scales - valley, reach, site) the critical components, and appropriate scale, for redd site selection for Westslope cutthroat trout and bull trout. From this the locations and actions for habitat protection, restoration and compensation, can be prioritized.	Ktunaxa Nation Council	\$25,000	UKEEP Streams Action plan	Research and Information, Species based, Habitat Based, Monitoring and Evaluation
UF-F16-110	Large	Koocanusa Reservoir Sensitive Habitat Inventory Mapping	The project will inventory foreshore modifications, identify critical fish and wildlife habitats and high archaeological value sites, and then prescribe methods to conserve these ecosystems. It will result in the protection of habitats of highest value, as well as identify future restoration opportunities.	Wildsight	\$45,830	UKEEP Lakes Action Plan	Research and Information
<b>UKEEP Grant-based Fish Projects Sub-total</b>					<b>\$214,188</b>		
UKEEP Grant-based Wildlife Projects							
UW-F16-101	Large	Sheep Pasture Grassland Ecosystem Restoration	Restore grassland ecosystems at Sheep Pasture near Elko, B.C. that will improve habitat for bighorn sheep, elk, white-tailed deer, mule deer, Lewis's woodpecker and yellow badger.	Rocky Mountain Trench Natural Resources Society	\$60,000	UKEEP Upland/Dryland	Habitat-based
UW-F16-102	Large	Upper Kootenay Amphibian Monitoring Project	This multi-species project will complete a base-level assessment of amphibian distribution within the UKEEP area with the goal of implementing a long-term amphibian across the Columbia region. Work will include determining the distribution of breeding populations of all amphibian species and provide a benchmark for future surveys. It will also classify sampled wetlands and recommend actions to protect, restore or enhance this habitat.	Jakob Dulisse Consulting and Integrated Ecological Research	\$43,897	UKEEP Species of Interest	Species-based Monitoring & Evaluation

UW-F16-103	Large	Wycliffe Wildlife Corridor Grasslands Ecosystem Restoration	Restore grassland ecosystems on the Wycliffe Wildlife Corridor that will improve habitat for several rare & endangered plant & animal species.	Rocky Mountain Trench Natural Resources Society	\$60,000	UKEEP Upland/Dryland	Habitat-based
UW-F16-104	Large	Tobacco Plains grassland and open forest ecological restoration project	Ecological restoration on the Tobacco Plains will: improve habitat for multiple species; support rare and threatened species recovery; improve habitat connectivity with surrounding Provincial Crown land; reduce the risk of catastrophic wildfire; and engage First Nations residents in greater land stewardship participation and awareness.	Keefer Ecological	\$51,235	UKEEP Upland/Dryland	Habitat-based
UW-F16-105	Large	Upper Kootenay - Management and Restoration of Invasive Plants in Protected Areas (UK-MRIPPA)	This project aims to retain functional and sustainable ecosystems in protected areas of the Upper Kootenay River watershed by mitigating the impacts of invasive species in adjacent lands. The work will reduce seed dispersal from neighbouring invasive species populations, support wildlife habitat conservation, and provide long-term cost-savings from potential future invasive species management actions.	East Kootenay Invasive Plant Council	\$25,000	UKEEP Wetland and Riparian	Species Based / Habitat-based
UW-F16-107	Large	Kootenay Mule Deer Monitoring	This project will investigate causes of mule deer population declines in the Kootenay region, and use collar data to identify sites for future opportunities for ecosystem restoration to benefit mule deer.	Ministry of Forests, La	\$24,520	UKEEP Upland/Dryland	Research and Information / Species Based Actions
UW-F16-108	Large	East Kootenay Urban Mule Deer Translocation Trial	Test the feasibility of translocating mule deer from high density urban areas to low density natural areas and monitor success. The goal is to increase non-urban deer populations in areas experiencing declines while decreasing population levels and conflicts within Elkford and Cranbrook.	Vast Resource Solutions, Inc.	\$34,475	UKEEP Species of Interest	Species Based
<b>UKEEP Grant-based Wildlife Projects Sub-total</b>					<b>\$299,127</b>		
<b>2015-2016 UKEEP PROJECTS TOTAL</b>					<b>\$513,315</b>		

\*Note: many of these projects have received one or more conditions that must be met prior to the start of any work. ☐