


## HCTF 2015-16 Approved Projects - Peace/ Omineca

Project Name	Project #	Project Description	Approved Funding	Project Leader
Peace-Liard Burn Program 	7-12	The Peace-Liard Burn Program maintains and enhances early seral habitats to support critical winter range for multiple ungulate species, by improving forage nutritional quality and quantity of winter range habitats in northeastern British Columbia. By maintaining these habitats, the projects ensures the long-term sustainability of ungulate populations and supports hunting opportunities across the region.	\$117,500	Alicia Woods Ministry of Forests, Lands and Natural Resource Operations 250-787-3369
Nechako River Bull Trout Distribution Evaluations	7-386	Application of radio tags on bull trout at priority Upper Fraser spawning tributaries to determine the proportional contribution and source of bull trout overwintering in the Nechako River to evaluate the risk and opportunities and management scenarios for a bull trout fishery in the Nechako River.	\$74,300	Ray Pillipow Ministry of Forests, Lands and Natural Resource Operations 250-565-6135
Efficacy of UWRs and survey optimization for bighorn sheep in MU 7-19	7-400	Seasonal range delineation and modification of current UWR's to provide secure winter habitat for the most northerly herd of bighorn sheep in North America. This project will include a joint BC/AB population monitoring survey and calculation of a sightability correction factor that can be applied to other northern bighorn sheep populations.	\$17,800	Daniel Lirette Ministry of Forests, Lands and Natural Resource Operations 250-398-4258
Marten population responses to accelerated salvage logging in MPB stands in central BC.	7-412	We are investigating the response of American marten ( <i>Martes americana</i> ) populations to habitat changes associated with accelerated logging operations. We are using marked individuals to measure spatial dynamics and habitat use at a finer scale and occupancy modeling using non-invasive techniques at a broader scale.	\$14,500	Shannon Crowley John Prince Research Forest 778-978-0117
5-Year Peace Region Mountain Goat Population Assessment	7-415	Goat harvest is being managed conservatively in the Peace Region due to a lack of baseline population data, resulting in minimal harvest opportunities. This 5-year assessment will determine population estimates and define Population Management Units (PMU) for mountain goats, so that a sustainable harvest rate can be applied for each PMU, resulting in increased hunting opportunities in the Peace Region.	\$85,500	Alicia Woods Ministry of Forests, Lands and Natural Resource Operations 250-787-3369
Enhanced Monitoring of the Moberly Lake Trout Rehabilitation Program	7-416	This project will continue the 5 year Enhanced Monitoring Program on Moberly Lake to rigorously evaluate the effectiveness of the lake trout recovery efforts and the response of the larger fish community. A mark-recapture netting program will be used to monitor the abundance of remnant lake trout. The survival and condition of stocked cohorts will be evaluated using a standardized index-netting program. Shifts in the abundance and/or	\$17,500	Lynn Avis Ministry of Forests, Lands and Natural Resource Operations 250-261-2096



		demographics of the lake whitefish population will be tracked using a hydroacoustic survey combined with gillnetting and trawling validation.		
Prescribed burns to enhance ungulate habitat in the Ospika area.	7-417	Year 3 of a 5-year prescribed burning program used to enhance ungulate habitat in selected Resource Management Zones within the Williston regional area of north-central BC.	\$123,198	Jordy McAuley Finlay River Outfitters Ltd. 250-483-3857
Defining nutritional value of summer habitats for caribou.	7-424	This is a 3-year project to define nutritional value of caribou food supplies in summer and fall. We will use tame caribou as an innovative and quantitative tool to assess the nutritional value of vegetation communities used by northern mountain and boreal caribou.	\$50,862	Katherine L. Parker University of Northern British Columbia 250-960-5812
Arctic grayling – life history patterns and demographics in the Muskwa River watershed.	7-431	Migration behaviour between juvenile and adult rearing and overwintering areas for Arctic grayling will be investigated in the Muskwa River watershed using otolith microchemistry. Genetic and whole fish samples will also be collected to support subsequent investigations into lineage and population structure.	\$86,500	Michael Stamford Stamford Environmental 604-886-4752
Management of incidental fisher harvest: fisher exclusion plate trial	7-433	Fisher ( <i>Pekania pennanti</i> ) harvest is often incidental via marten ( <i>Martes americana</i> ) fur trapping in British Columbia. Fisher are a conservation concern for the government of BC and a Class 2 furbearer, thus by-catch could lead to local overharvesting. This project employs local trappers, remote camera technology and a novel method, the fisher exclusion plate, to reduce the incidental trapping of fishers, while maintaining a healthy marten fur harvest.	\$32,500	Ingebjorg Jean Hansen 250-467-3282

