

2015 - 2016 FWCP-Peace Region Grant-based Wildlife Projects							
#	Project Title*	Project Description	Watershed	Project Lead	FWCP Contribution	Aligns with FWCP Action Plan	Project Type
1	Mackenzie Nature Observatory - Mugaha Marsh Banding Station	Collect information on birds that breed in and migrate through the Mugaha Marsh area during mid-summer and fall when reservoir levels are at their peak and lowland riparian habitat is limited. This information will help assess the species that use and migrate through the area.	Parsnip (Mugaha Marsh)	Mackenzie Nature Observatory	\$ 15,000.00	Riparian Areas and Wetlands / Uplands	Research and Information / Monitoring and Evaluation
2	Assessing mercury levels and diet of River Otter and American Mink in the Peace-Williston Reservoir	Assess mercury levels in River Otter and American Mink and relate that information to a series of ecological and demographic variables. The project will contribute directly to an assessment of aquatic health and an understanding of mercury pathways that can be incorporated into management plans.	Finlay, Peace, Parsnip, Dinosaur	Chuzghun Resources Corp (John Prince Research Forest)	\$ 66,250.00	Reservoirs	Research and Information
3	Fisher habitat extension in Williston Basin	Provide opportunities for training and the application of best management practices to forestry practitioners who make decisions that affect the supply of fisher habitat within the impacted Williston Basin and surrounding areas.	Finlay, Peace, Parsnip, Dinosaur	BCMOE	\$ 23,000.00	Species of Interest	Habitat Based
4	Peace Fish and Wildlife Compensation Program Lecture Series	Bring leading scientists to speak about important subjects related to the mandate of the FWCP in the Peace Region to the UNBC community, regional professionals and the public. Also to host receptions with participants as a networking session.	Finlay, Peace, Parsnip, Dinosaur	UNBC, Natural Resources & Environmental Studies Institute	\$ 16,920.00	Basin Plan	Research and Information
5	Kwadacha Wildlife Community Monitoring	Develop information-sharing on Moose using social media tools, including monitoring in culturally important areas, and collecting information on Moose harvest for Kwadacha management uses. It will provide community information for the local Moose management, inform other users on their importance, and help the discussion about Moose management at a regional scale.	Finlay	Kwadacha First Nation	\$ 5,000.00	Species of Interest	Research and Information / Monitoring and Evaluation
6	Graham Caribou Herd Mortality and Recruitment Monitoring	Determine current adult mortality rates of Woodland Caribou (Southern Mountain Population), juvenile recruitment rates, and population status/trends in order to inform and prioritize ongoing caribou recovery planning efforts.	Peace Arm	Diversified Environmental Services	\$ 32,022.40	Species of Interest	Species Based
7	Amphibian and wetland connections in relation to debris, dust, and habitat management programs along Williston Reservoir	Improve the understanding of wetland and riparian habitats as they relate to the functional ecology and demographics of amphibians; as well as improve the understanding on the abundance, distribution, trends, and connectivity between wetlands and the surrounding landscape.	Finlay, Parsnip	DWB Consulting Services Ltd.	\$ 40,906.34	Riparian Areas and Wetlands	Research and Information
8	Human-Bear Conflict Resolution	Reduce the number of human-bear conflicts in the Mackenzie townsite. The goal is to reduce attractants in the community resulting in a reduction in food-conditioned bears, and help them return to their natural food sources.	Parsnip (Mackenzie)	Mackenzie Bear Committee	\$ 3,930.00	Species of Interest	Education
9	Doig River First Nation Beaver (Cha) Study	Determine the effects that construction of the W.A.C. Bennett Dam and the Peace Canyon Dam have had on Beaver habitat and populations – a culturally important species for Doig River First Nation.	Dinosaur	Doig River First Nation	\$ 5,000.00	Species of Interest	Research and Information
10	Enhancing survival of caribou calves within the Klinse-Za, Scott, Kennedy, and Burnt Pine caribou herd areas	This is year one of three of maternity penning for Woodland Caribou, (Southern Mountain Population) that will be used as one of several complementary emergency measures (others being predator management and habitat restoration) implemented to avert extirpation, and eventually recovery, of the Pine Caribou group located in the south Peace region.	Peace, Parsnip	Wildlife Infometrics Inc.	\$ 93,395.55	Species of Interest	Species Based

2015 - 2016 FWCP-Peace Region Grant-based Wildlife Projects (cont'd)							
#	Project Title*	Project Description	Watershed	Project Lead	FWCP Contribution	Aligns with FWCP Action Plan	Project Type
11	Assessing effectiveness of designated areas for conservation of caribou in the Scott West herd area	Determine baseline information for the Scott West sub-population of Woodland Caribou. While designated winter ranges for the weston portion of the Scott population exist, it is not known whether there is a remnant population on the west side of Williston Reservoir.	Finlay	Wildlife Infometrics Inc.	\$ 15,499.85	Species of Interest	Species Based / Research & Information
12	Williston Area Schools Ecology Program (formerly Mackenzie Schools Ecology Program)	Augment the school life science curriculum program by exposing students to workshops on local ecology, conservation and to the aboriginal community. Once completed, these workshops are to be implemented in other communities.	Parsnip, Finlay (Mackenzie and area, Morfee, Tsay Keh Dene, and Kwadacha)	Wildlife Infometrics Inc.	\$ 26,884.00	Riparian & Wetlands / Uplands / Species of Interest	Species Based / Habitat Based
13	Williston Reservoir bat ecology program: a baseline study to identify and characterize bat roosts, colonies, and hibernacula in Williston Reservoir and assess the susceptibility of regional populations to the spread of WhiteNose Syndrome (WNS)	Identify important bat habitat focused on winter hibernacula but including roost habitat and maternal colonies. Establish baseline winter bat data to determine level of risk of White Nose Syndrome to western bats, develop awareness, and promote education among local interest groups on bat populations, habitat requirements, and threats to northern bat species.	Peace Arm	Ingebjorg Jean Mattson	\$ 68,750.00	Species of Interest / Uplands	Research and Information
14	Northern Caribou Post Fire Lichen Habitat Restoration	Enhance northern Woodland Caribou habitat in the Chase Herd area, impacted by wildfire in the summer of 2014. This will be achieved by seeding forage lichens in areas that forage lichen was burned; advancing the return of forage lichen to the burned areas, and enabling colonization in areas that are distant from source populations of lichen.	Finlay Arm (Ingenika River, Mesilinka River, and Chase Provincial Park)	Tsay Keh Dene Nation	\$ 5,000.00	Species of Interest	Habitat Based
<b>WILDLIFE GRANTS SUB-TOTAL</b>					<b>\$ 417,558.14</b>		

2015 - 2016 FWCP-Peace Region Grant-based Fish Projects							
#	Project Title*	Project Description	Watershed	Lead Applicant	FWCP Amount	Aligns with FWCP Action Plan	Project Type
15	Dinosaur Reservoir bull trout status and enhancement opportunities	Confirm the current population status of large-bodied adfluvial bull trout spawning in Gething Creek. Determination of their present status will inform decision-making regarding the urgency of potential enhancement activities.	Dinosaur Reservoir	Diversified Environmental Services	\$ 9,456.00	Reservoirs / Streams	Research and Information
16	Dinosaur Reservoir enhancement	Provide annual inspections of the existing enhancement structures (installed between 2002 and 2007) and assess their effectiveness with respect to providing fish habitat through shoreline diversification.	Dinosaur Reservoir	Diversified Environmental Services	\$ 24,170.60	Reservoirs	Monitoring and Evaluation
17	Evaluate fisheries projects providing potential employment and training for McLeod Lake Indian Band (MLIB) members	Increase the participation of McLeod Lake Indian Band (MLIB) members in FWCP fisheries projects in their traditional territory (and adjacent watersheds), at both the project planning and project implementation stages. Potential fisheries projects will be identified, and it will be determined which projects could provide employment and training for MLIB members.	Parsnip (McLeod Lake Indian Band and adjacent watersheds in the Parsnip and Pack/Crooked watersheds)	MLIB, FLNRO, John Hagen	\$ 5,000.00	Streams	Research and Information

2015 - 2016 FWCP-Peace Region Grant-based Fish Projects (cont'd)							
#	Project Title*	Project Description	Watershed	Lead Applicant	FWCP Amount	Aligns with FWCP Action Plan	Project Type
18	2015 Williston Reservoir bull trout monitoring: redd counts in FWCP index streams, conservation status assessment, and monitoring plan recommendations	Contribute to abundance trend monitoring by repeating bull trout redd counts in index reaches of Williston Reservoir spawning streams and to summarize and analyze information collected to-date on conservation status indicators abundance, trend, distribution and threats. Finally to develop monitoring plan recommendations that facilitate conservation status monitoring, and lead to the identification of potential enhancements through identification of critical habitats and limiting factors.	Finlay, Peace, Parsnip	MLIB, FLNRO, John Hagen	\$ 49,113.00	Streams	Monitoring and Evaluation
19	Orphaned Culvert Project for the FWCP-Peace Region	Identify stream crossings on non-status roads that currently impede fish passage and restrict fish movements to important habitat. This will provide information to assist in decision-making regarding replacement/deactivation and compensation works at culvert crossings that currently impede fish passage to upstream habitat.	Finlay Arm (Finlay and Ingenika watersheds)	Ecofor Consulting BC Ltd.	\$ 45,000.00	Streams	Research and Information / Habitat Based
<b>FISH GRANTS SUB-TOTAL</b>					<b>\$ 132,739.60</b>		
<b>TOTAL GRANT-BASED PROJECTS</b>					<b>\$ 550,297.74</b>		

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

2015 - 2016 FWCP-Peace Directed Projects							
#	Title	Project Description	Watershed	Lead Applicant	FWCP Contribution	Action Plan	Project Type
20	Identify Moose Limiting Factors	First Nations have expressed concerns about declining moose populations. Understanding the factors contributing to the current population status of moose in the Peace Basin requires a research project to monitor moose and analyze regional predator-prey relationships.	Peace and Parsnip Watersheds	Wildlife Infometrics Inc. and Diversified Environmental	\$ 200,000.00	Species of Interest	Species Based / Research and Information
21	Fish Mercury Study	Following on from last year's Fish Mercury Study, the long-term goal of this project is to improve available scientific information on mercury levels in fish in the Williston and Dinosaur Reservoir areas, communicate this information accurately, and support provincial agencies responsible for updating the mercury advisory.	Williston / Dinosaur	TBD	n/a	Species of Interest	Research and Information / Monitoring and Evaluation
22	Arctic Grayling - Status and Trends	The creation of Williston Reservoir resulted in a reduction to river habitat that has been attributed to declines in Arctic grayling abundance in the basin. One of the objectives in the FWCP-Peace Streams Action Plan is to conserve and enhance Arctic grayling and improve understanding of limiting factors. This project will review existing information (including the provincial management plan), summarize status and trends of Arctic grayling and its habitats, undertake actions that are within the FWCP scope and lead directly to the development of conservation and enhancement actions, and develop a cost-effective monitoring program to assess status and trends.	Finlay, Peace, Parsnip, Dinosaur	Stamford Environmental	\$ 35,000.00	Streams	Species Based / Research and Information
<b>TOTAL DIRECTED PROJECTS</b>					<b>\$ 235,000.00</b>		
<b>TOTAL ALL PROJECTS</b>					<b>\$ 785,297.74</b>		

REVISED: April 24, 2015