



FWCP - Peace
9228 - 100th Avenue
Fort St. John, BC V1J 1X7
Phone: 250 783 5006
Fax: 250 783 5013

Peace Region 2014 Project Summaries

Development of Priorities for Assessment and Treatment Society for Ecosystem Restoration in North Central BC (SERNbc) \$4,999

The project proposes to develop partnerships between government, First Nations, private companies and the SERNbc in the planning and prioritization of assessment and treatments to improve upstream fish access caused by perched culverts. This project will specifically build on the watershed-based prioritization process previously developed by the provincial government, and then work with key stakeholders and First Nations in the FWCP area to confirm these priorities and identify key areas that should be slated for fish access assessment.

The work will provide a plan for the prioritization of fish access at identified roadway crossings within the FWCP area, with consideration of priorities relating to effort and expenditures on treating specific sites. It will also engage and inform stakeholders early in the planning stages to secure buy-in, support and advocacy for improving fish access.

Mugaha Marsh Banding Station, Mackenzie, B.C. Mackenzie Nature Observatory \$15,500

Mugaha Marsh Banding Station is a conservation partnership that conducts science-based monitoring of wildlife dependent upon productive riparian habitat affected by water use management in the Williston Reservoir. Through a collaborative approach and significant volunteer effort, Mackenzie Nature Observatory (MNO) collects standardized data on birds breeding in, and migrating through, Mugaha Marsh during midsummer and fall when reservoir water levels are at their peak, and lowland riparian shrub habitat is limited.

Data are used by multiple partners to inventory and assess the status and trends of migratory birds and their conservation needs on a local level, as well as on provincial and federal levels. Through this monitoring program MNO is able to promote the understanding and enjoyment of nature while collecting additional data regarding the migratory birds.

Artificial Nesting Structure Use and Maintenance Ecofor Consulting BC Ltd. \$37,669

This project will evaluate, monitor and perform maintenance on the existing habitat structures installed between 1991 and 1998 in 17 sites along the west and east shores of Williston Reservoir (Parsnip Reach), and the west side of Crooked River, south to Summit Lake.

The work will include repositioning or deactivating unused nest boxes in Dina and Kerry lakes, establish new nest boxes at 60km Mugaha Marsh, Old Mill Pond, and Crooked River, and finally, install new floating platforms in the 15

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Mile Swamp area. It will also provide habitat for waterfowl in the area, and help produce valuable waterfowl-use information.

Prescribed Burns to Enhance Habitat for Ungulates in the Williston Area

Finlay River Outfitters Ltd.

\$155,944

This is year two of a proposed five-year prescribed burn and monitoring program (future FWCP funding to be confirmed) designed to enhance ungulate habitat in selected Resource Management Zones (RMZs) within the Williston Reservoir area. Specifically, the area targeted for treatment is located approximately 95km north of Mackenzie in the Akie, Pesika, and Collins-Davis RMZs, east of the Finlay Reach of the Williston Reservoir.

This project will use prescribed burning to enhance ungulate habitat, and will monitor the effectiveness of these restorative activities. Restoring moose habitat is expected to result in sustained and increased productivity of moose populations, and this enhancement work will provide direct benefits to the whole ecosystem by increasing forage for other ungulates in the area such as elk, deer, mountain goats, and sheep.

FWCP-Peace Colloquium

University of Northern British Columbia (UNBC)

\$4,500

Organized by UNBC, this annual gathering will bring one or more leading scientists to speak about conservation topics related to the mandate of the FWCP-Peace. The intended audience includes regional professionals and the general public, First Nations and graduate students, and the gathering will include a networking session. This will provide an important extension opportunity for the FWCP, and foster productive interaction among the FWCP, the public, faculty and graduate students from UNBC.

Mackenzie Schools Ecology Program

Wildlife Infometrics Inc.

\$10,835

This is year one of a proposed two-year project (future FWCP funding to be confirmed) to develop half-day ecology presentations for each school-grade based on prescribed science learning outcomes identified by the Ministry of Education. This project is intended to augment the school science program by exposing students in Morfee Elementary School and Mackenzie Secondary School to local ecology and conservation issues (e.g., discussion of wolf, caribou and moose dynamics). The presentations, or workshops, will be delivered by local biologists and foresters, and will incorporate First Nations traditional ecological knowledge.

Assessing Caribou in the Scott West Herd Area

Wildlife Infometrics Inc.

\$19,438

The range of the Scott Caribou herd was bisected by the creation of the Parsnip Reach of the Williston Reservoir, and exists now as small, isolated, resident sub-populations on each side of the reservoir. While some information is known about the east population, almost nothing is known about the west population and it has largely been excluded from management plans. There are, however, designated winter ranges for the western portion of the Scott West herd population and this project will assess the presence of a remnant population of the Scott West herd caribou on the west side of Williston Reservoir.

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