



# BACKGROUND PROJECT LIST 2008-2009

**Media Alert:** Members of the media are encouraged to contact proponents directly. Project proponents have detailed knowledge of the project benefits, may be able to arrange site tours, and often have high quality images available.

## Multi Region

- |   |                  |                                     |
|---|------------------|-------------------------------------|
| <b>Wild BC (Project Wild)</b>   | <b>\$130,000</b> | <b>Kerrie Mortin 250-387-9787</b>   |
| Management of a family of environmental education programs and resource materials.  |                  |                                     |
| <b>Public Conservation Assistance Fund</b>  | <b>\$150,000</b> | <b>Lisa Helmer 250-387-1159</b>     |
| Volunteer public conservation projects to enhance opportunities for local conservation groups to participate in and contribute to fish and wildlife conservation projects in their communities.   |                  |                                     |
| <b>Quality Waters Strategy (River Guardian)</b>   | <b>\$450,700</b> | <b>Miles Stratholt 250-387-9560</b> |
| The QWS supports conservation by providing information essential for the maintenance and improvement of the angling opportunities on classified and other quality waters.   |                  |                                     |
| <b>B.C.'s Family Fishing Weekend</b>  | <b>\$40,000</b>  | <b>Owen Bird 250-875-0104</b>       |
| Sponsors and coordinates more than 50 community-based angling events throughout BC to encourage participation in recreational angling, build greater awareness of the importance of fish and teach about their habitat.                       |                  |                                     |
| <b>BC Wetland Partnership Program</b>   | <b>\$250,000</b> | <b>Brad Arner 250-374-8307</b>      |
| Operate, maintain and manage existing wetland conservation projects throughout BC and work to secure and restore additional wetland habitats benefiting fish and wildlife.  |                  |                                     |
| <b>Wildlife Tree Stewardship Initiative (WiTS)</b>  | <b>\$83,276</b>  | <b>Ron Speller 250-752-8339</b>     |
| Create, coordinate, and assist a network of community stewards committed to conserving coastal wildlife tree habitats through volunteer motoring, landowner agreements and community education in southern BC.                                |                  |                                     |
| <b>Grizzly Bear Population Density &amp; Distribution in the Southern Coast Ranges</b>  | <b>\$40,000</b>  | <b>Clayton Apps 403-270-8663</b>    |
| Survey of grizzly bear occurring using DNA hair-snag methods and subsequent analyses to predict grizzly bear population density and distribution relative to habitat and human activity.  |                  |                                     |
| <b>Wild/Domestic Sheep &amp; Goat Separation</b>  | <b>\$30,000</b>  | <b>Brian Harris 250-490-8254</b>    |
| This project is an expansion to the Thompson region and support for current regional programs (South Okanagan, East Kootenay) for local programs to prevent contact and disease transmission between domestic sheep and goats and wild sheep. |                  |                                     |
| <b>Status Indicators for Lake Trout Conservation &amp; Management</b>   | <b>\$39,300</b>  | <b>Joe De Gisi 250-847-7288</b>     |
| Obtain accurate abundance and demographic data for 3 additional unexploited populations of lake trout, to refine empirical reference points for lake trout management, and improve interpretation of the status of exploited stocks.          |                  |                                     |

**Mountain Goat/Helicopter Behavioural Research Project**                      **\$96,000**                      **Doug Heard 250-614-9903**  
 This collaborative, multi-year project is intended to assess the short to longer term responses of mountain goats to helicopter activity.

**Priority Grassland Initiative: Identifying Priority Grasslands for Wildlife, Habitat Conservation & Stewardship**                      **\$25,000**                      **Richard Doucette 250-371-5220**  
 Building upon the recently completed provincial grassland GIS data in conjunction with the expertise of regional agrologists, ecologists, wildlife biologists, First Nations, this project will identify high value, priority grassland areas.

**Crown Land Securement Pilot Project**                      **\$25,000**                      **Doug Walker 604-924-9771**  
 Supports Year 3 of a Pilot Program assisting MOE with the designation of new Wildlife Management Areas and the securement Crown fish and wildlife reserves on Vancouver Island the Lower Mainland.

**Nutrient Purchase for Fish Habitat Restoration**                      **\$22,000**                      **J.C. Wightman 250-751-3230**  
 Improved freshwater productivity in target watersheds with the addition of inorganic and organic fertilizers. Increased growth and survival of stream rearing salmonids. Community awareness of the role of marine derived nutrients through First Nation and stewardship group involvement and media coverage.

**BC Amphibians: Long-term Population Survey & Monitoring Of Species of Conservation Concern**                      **\$18,000**                      **Laura Friis 250-387-9755**  
 Several of BC's amphibian species are widely distributed but conservation concern persists due to habitat loss, susceptibility to contaminants and disease, and reported declines in surrounding jurisdictions. This project will establish sites for long-term observation and monitoring for these species.

**Visual Screening & Cover Requirements & Habitat Needs Of Selected Grassland Dwelling Species**                      **\$15,000**                      **Cindy Haddow 250-953-4627**  
 To develop visual screening cover monitoring tools for application in BC, to aid in evaluation of grazing on the habitat of structurally dependant birds and small mammals and to develop guidelines for livestock grazing to maintain these species.

**Angling Market Development Initiative**                      **\$100,000**                      **Don Peterson 250-414-4200**  
 Development Plan during which FFSBC, as the lead, will continue to implement and measure the License Renewal Campaign, the Compliance Campaign and the Angler Performance Research.

**Waterfowl Trends in Coastal British Columbia**                      **\$18,000**                      **Peter Davidson 604-940-4696**  
 This project will inform wildlife and habitat conservation planning processes in coastal British Columbia, by communicating new trend and distribution information on waterfowl and other waterbird populations to a wide audience.

**Vancouver Island**

**Vancouver Island Wetlands Management Program**                      **\$25,000**                      **Dick Heath 250-751-3211**  
 Develop and implement management, securement and enhancement plans for over 30 wetland conservation areas on Vancouver Island.

**Operation & Maintenance – (Fish) – Vancouver Island**                      **\$17,425**                      **Trevor Andrews 250-751-3231**  
 Operation and maintenance of aerators located in Glen and Langford Lakes, flow augmentation in Sandhill Creek and inspection and maintenance of fishways located in Loup and Colquitz Creeks.

<b>Operation &amp; Maintenance – (Wildlife) – Vancouver Island</b>	<b>\$41,000</b>	<b>Dick Heath 250-751-3211</b>
This project assists MOE in meeting their safety, legal and land management obligations on more than 50 conservation areas on Vancouver Island. This work includes: signage, fencing, access restrictions, water control structures, weirs and dikes.		
<b>Vancouver Island Broadcast Burns</b>	<b>\$37,750</b>	<b>Kim Brunt 250-751-3213</b>
Prescribed fire will be used to enhance wildlife habitat, primarily spring and summer forage for ungulates in areas of Vancouver Island with high habitat capability for both big and small game.		
<b>Roosevelt Elk Prescribed Burns</b>	<b>\$18,800</b>	<b>Kim Brunt 250-751-3213</b>
Prescribed fire will be used to enhance Roosevelt elk habitat, primarily spring and summer forage in areas of Vancouver Island with high habitat capability for this species.		
<b>Keogh River Steelhead Population Dynamics</b>	<b>\$100,000</b>	<b>Bruce R. Ward 604-222-6753</b>
BC's steelhead index system facilitating operation of the Keogh River fish fence during a critical period of steelhead conservation concern; evaluation of conservation hatchery and habitat restoration.		
<b>Tofino Mudflats Wildlife Stewardship Project</b>	<b>\$25,000</b>	<b>Barbara Beasley 250-726-2536</b>
Educational activities to promote awareness, build stewardship skills and create enthusiasm and commitment among local residents for monitoring critical wildlife habitat and responsible use of the Tofino Mudflats Wildlife Management Area.		
<b>Fish Habitat Restoration Project Effectiveness Monitoring</b>	<b>\$23,105.25</b>	<b>J.C. Wightman 250-751-3230</b>
This project will significantly improve the quality and focus of post-construction effectiveness monitoring of habitat improvements. Post-construction effectiveness monitoring will allow for adaptive management in future projects.		
<b>ECVI Water Storage Feasibility</b>	<b>\$17,015</b>	<b>J.C. Wightman 250-751-3230</b>
In prioritized east coast Vancouver Island (ECVI) watersheds, feasibility assessments of potential stream flow improvement projects to support fish habitat will be continued by MOE/BCCF in partnership with DFO, FNs, Ducks Unlimited Canada and various stakeholders.		
<b>Implementation of the Nanaimo River Estuary Management Plan</b>	<b>\$30,000</b>	<b>Robert Lawrance 250-755-4483</b>
Reduce, stop, and/or reverse the degradation of existing habitats in the estuary, and in particular to stop the loss and degradation of high value biophysical units.		
<b>Planning Phase – Restoration of Riparian Forest – Baikie Island Reserve</b>	<b>\$5,000</b>	<b>Jim Van Tine 250-923-1873</b>
This project (planning phase) will include project planning and logistics, engineering design, securing funding and partners and obtaining permits for a project which will remove industrial fill, restore historic contours and soil types and replant a riparian forest habitat.		
<b>Galiano Stream &amp; Salmonid Stewardship Program</b>	<b>\$6,050</b>	<b>Keith Erickson 250-539-2424</b>
This project will enhance spawning and rearing habitat, and will establish a stewardship program for cutthroat trout in Murchison Creek.		
<b>Cowichan Lake Outlet Pilot Spawning Gravel Placements</b>	<b>\$20,000</b>	<b>J.C. Wightman 250-751-3230</b>
Supplement depleted steelhead, resident trout and chinook salmon spawning habitat, on a pilot-scale, in the outlet of Cowichan Lake downstream of the Catalyst Paper weir, and monitor subsequent fish use and gravel stability.		

<b>Campbell River Estuary Restoration &amp; Enhancement</b>	<b>\$10,000</b>	<b>Tim Ennis 250-479-3191</b>
The project will undertake activities designed to restore riparian shrub habitats, inter-tidal salt marshes and fish spawning habitat. Included in this will be the "daylighting" of a fish-bearing creek.		
<b>Cowichan River 7.02 Mile Trestle Side Channel Restoration</b>	<b>\$30,000</b>	<b>J.C. Wightman 250-751-3230</b>
This project will install a permanent intake structure and construct a 200 m long supply channel to provide year-round baseflows to an existing off-channel complex nearly three kilometres long in the upper Cowichan River.		
<b>Cowichan Water Management Plan Implementation</b>	<b>\$30,000</b>	<b>J.C. Wightman 250-751-3230</b>
Establish the Cowichan Basin Water Advisory Council; facilitate public dialogue and education; build working relationships between diverse water interests; make in-season water use decisions balancing human and ecological needs.		
<b>Salmon River – Big Tree Main Side Channel Construction</b>	<b>\$25,000</b>	<b>J.C. Wightman 250-751-3230</b>
In the Salmon River watershed on NE Vancouver Island, this project will install a permanent intake structure and construct a 1.2 km long supply channel to create ~8,000m <sup>2</sup> of new side-channel habitat and provide year-round base flows to an existing off-channel complex approximately 2 km in length.		
<b>Richards Creek Flow Augmentation</b>	<b>\$5,625</b>	<b>J.C. Wightman 250-751-3230</b>
In partnership with the District of North Cowichan and DFO, modifications will be undertaken at the Crofton Lake Dam to increase storage releases in Richards Creek during summer and improve the quality and quantity of trout and salmon habitat.		
<b>Millstone River Flow Improvement Implementation</b>	<b>\$28,287</b>	<b>J.C. Wightman 250-751-3230</b>
Construction of a small concrete structure (i.e., 30 centimetres high), at the outlet of Westwood Lake and a flow release mechanism at the existing dam will increase low summer flows from 3.75 L/sec to 38-50 L./sec in the lower Millstone River during dry summer periods.		
<b><u>Lower Mainland</u></b>		
<b>Operation &amp; Maintenance – (Wild) – Lower Mainland</b>	<b>\$59,442</b>	<b>Tom Blackbird 604-582-5391</b>
This project will assist with funding the operations and maintain of the globally significant 28,402 hectares of prime avian habitat located within 10 wildlife management areas in the Lower Mainland. The project also includes opportunities for public use and education within natural areas located within close proximity to BC largest population base.		
<b>Lower Mainland Roosevelt Elk Recovery</b>	<b>\$63,100</b>	<b>Darryl Reynolds 604-885-7419</b>
Working with a variety of partners the project will re-establish viable elk populations in wilderness areas of the Lower Mainland Region through the trapping and translocation of elk from the urban interface, along the Sunshine Coast.		
<b>City of Surrey's Salmon Habitat Restoration Program (SHARP)</b>	<b>\$15,266</b>	<b>Liana Ayach 604-591-4383</b>
Sharp performs restoration work and delivers community outreach programs that directly and indirectly contributes to improving salmonid habitat within the City of Surrey. SHaRP also provides youth with work experience in stewardship practices.		
<b>Provision of Waterfowl &amp; Raptor Habitat within Managed Grasslands on Lower Fraser River Farmland</b>	<b>\$15,000</b>	<b>Markus Merkens 604-940-3392</b>
Under this project over 1,200 ha of agricultural grassland habitat on the Fraser River delta will be enhanced on private or leased lands through land stewardship agreements with farmers thereby benefiting internationally significant concentrations of waterfowl and raptors in the area.		

<b>Goose Lake Reclamation Project</b>	<b>\$15,000</b>	<b>David O'Brien 604-88-1640</b>
This project will continue to remove cattail vegetation along the Northwest border of Goose Lake. This reclamation project will increase habitat diversity in an important wildfowl habitat, and build on previous work sponsored by HCTF.		
<b>Biodiversity Surveys to Identify Critical Sites for Wildlife Conservation on the Sunshine Coast</b>	<b>\$35,000</b>	<b>Michael Jackson 604-883-9853</b>
Identification of critical wildlife sites for conservation purposes; prioritized list of wildlife habitat features and potential wildlife habitat area candidates; distribution of habitat-management recommendations to land managers and agencies; public outreach to foster support for conservation and enhancement initiatives.		
<b>Greater Vancouver Learn to Fish Program</b>	<b>\$25,000</b>	<b>Brian Chan 250-371-6250</b>
This project will inform and educate urban dwellers as to the social, environmental, economic and cultural benefits of freshwater angling, and increase appreciation and awareness of BC freshwater fish and ecosystems.		
<b>Coquihalla River (Ladner Creek) Side Channel Habitat Restoration</b>	<b>\$25,000</b>	<b>Greg Wilson 604-582-5365</b>
This project will create over 23000 square meters of off channel fish habitat in the Coquihalla watershed. The first phase of the project will be the construction of a mainstem intake and the excavation of material to create a channel. The second phase (2009) will add habitat complexity to the channel.		
<b>Preliminary Engineering for Migratory Fish Passageway at Alouette</b>	<b>\$15,000</b>	<b>Shannon Harris 604-222-6764</b>
This project will develop the technical rationale that the construction of a fish passageway is feasible and cost effective, and allow the re-establishment of a migratory ecosystem.		
<b>Silverhope Mainstem Restoration</b>	<b>\$30,000</b>	<b>Greg Wilson 604-582-5365</b>
This project will create habitat improvements to the mainstem of Silverhope Creek. Ballasted large wood habitat structures will be constructed to provide fish habitat and bank erosion prevention.		
<b><u>Thompson/Nicola</u></b>		
<b>Operation &amp; Maintenance – (Fish) – Headquarters</b>	<b>\$7,650</b>	<b>Ted Down 250-387-9715</b>
Maintain fences, gates, cattle guard, dam on property and pay for hydro costs for lake aeration system.		
<b>Operation &amp; Maintenance – (Fish) - Thompson/Nicola</b>	<b>\$54,850</b>	<b>Stephen Maricle 250-371-6253</b>
Operation and maintenance of existing lake aeration, stream diversions, outlet fence, riparian fencing, open diversion ditches and dam structures that enhance the angling opportunities of high use lakes within the entire Thompson region.		
<b>Thompson River Juvenile Steelhead Stock Assessment</b>	<b>\$40,000</b>	<b>Robert G. Bison 250-371-6244</b>
Multi-year, diver count assessment of steelhead parr standing stock to provide estimate of steelhead carrying capacity for the Thompson River watershed.		
<b>Operation &amp; Maintenance – (Wild) – Thompson/Nicola</b>	<b>\$6,000</b>	<b>Doug Jury 250-371-6264</b>
Maintenance and management of conservation lands and restricted areas to ensure public compliance with regulations, protection of natural resources, and enhanced enjoyment by the visiting public.		
<b>Operation &amp; Maintenance – (Fish) – Bonaparte</b>	<b>\$25,939</b>	<b>Robert G. Bison 250-371-6244</b>
Operation and maintenance of the Bonaparte Fishway and the Bonaparte Lake Dam.		

**Ecological Relationships Between Grizzly Bears & Forest Management in the Coast-Interior Transition of Southern BC**      **\$50,000**      **Tony Hamilton 250-387-9761**

This project will evaluate and revise existing grizzly bear/forestry best management practices in the coast-interior transition of southern BC (Lillooet TSA) by conducting a scientific investigation of the ecology of grizzly bears.

**Region 3 Small Lakes Water Conservation Project**      **\$130,401**      **Stephen Maricle 250-371-6253**

Planning and development of strategies for recovering or obtaining water conservation opportunities within the high priority watersheds in the Thompson Region.

**Recreational Sport-Fishing Conservation Through Management Of Spiny-Rayed Fishes**      **\$190,268**      **Stephen Maricle 250-371-6253**

The overall objective of this project is to successfully eradicate spiny-ray fishes in nine lakes and restock with trout. In year 3 of the project the goal is to complete spiny-ray eradication in Forest and Nellies lakes, continue public education and development treatment plans for candidate lakes in 2009.

**Logan Lake Enhancement Plan**      **\$5,000**      **David Allen 250-523-6225**

Contract a limnologist to research and develop a Logan Lake Enhancement Plan that recommends opportunities to restore, protect, and improve the lake, ensuring long-term ecological health and sustainable recreation use of the lake for all.

**Interior Fraser Wild Steelhead**      **\$76,000**      **Robert G. Bison 250-371-6244**

Escapement abundance monitoring for Thompson (Deadman, Nicola, Bonaparte) and Chilcotin steelhead.

**Shuswap Lake Rainbow & Lake Trout Stock Status & Their Recreational Fishing Potential**      **\$94,000**      **Ian McGregor 250-371-6252**

Continue tagging Shuswap Lake rainbow trout and lake char in 2008/09, and conduct the angler questionnaire on the 2007-08 rainbow trout and lake char sport fishery to estimate angler effort and harvest and collect tag return data for rainbow trout and lake char tagged in 2005/06. Tag return data will be used to estimate fishing mortality rate and sustainable exploitation rates for each stock using yield per recruit analysis.

**Nicola Lake Kokanee, Burbot & Rainbow Trout Fish & Habitat Assessment & Conservation Plan**      **\$15,000.00**      **Ian McGregor 250-371-6252**

This project proposes to collect baseline data on critical habitat for key sportfish species in Nicola Lake, including kokanee, burbot and rainbow trout, and to assess juvenile and spawner abundance for these species. The project will also identify any restoration opportunities. Ultimately the data collected will be used to produce a conservation plan for Nicola Lake to assist in the management of recreational fishing opportunities.

## **Kootenay**

**Operation & Maintenance – (Fish) – Kootenay**      **\$91,000**      **John Bell 250-354-6351**

Operation and maintenance of three West Kootenay kokanee spawning channels and a rainbow trout rearing channel in the East Kootenay.

**West Kootenay Ungulate Habitat Enhancement**      **\$30,000**      **Garth Mowat 250-356-6341**

This long-term project will restore openings in areas of the West Kootenay (WK) that were typically fire maintained. Most treatment will focus on the 5 areas in the WK that had the shortest fire return intervals.

<b>Operation &amp; Maintenance – (Wild) – Kootenay</b>	<b>\$35,530</b>	<b>Rob MacDonald 250-614-9909</b>
Conduct maintenance, planning, monitoring, habitat protection, enhancement and restoration activities on conservation properties in the East Kootenay.		
<b>Feasibility of Small Scale Fertilization Of Embayment in the West Arm of Kootenay Lake</b>	<b>\$3,700</b>	<b>Greg Andrusak 250-825-2729</b>
This is a seed fund proposal to consider the feasibility of fertilizing small embayments in the West Arm of Kootenay Lake. A report will provide an assessment of potential to improve littoral production through nutrient additions that may increase kokanee fry-to-adult survival rates.		
<b>Kootenay Lake Gerrard Rainbow Trout Conservation</b>	<b>\$34,000</b>	<b>Jeff Burrows 250-354-6928</b>
Monitor the conservation status of Gerrard rainbow trout by enumerating spawner numbers, estimating harvest, and monitoring critical spawning habitat parameters.		
<b>East Kootenay Grassland Ecosystem Restoration</b>	<b>\$160,000</b>	<b>Irene E. Teske 250-489-8551</b>
Conduct prescribed burning and slashing/piling activities in fire maintained ecosystems to enhance habitats for wildlife dependent on open forest and grassland environments.		
<b>Noxious Weed Control on Bighorn Sheep Winter Range</b>	<b>\$12,000</b>	<b>Irene E. Teske 250-489-8551</b>
To maintain the improved quality of bighorn sheep winter range by conducting an intensive and consistent invasive plant control program in the Wigwam Flats, Bull River and Columbia Lake East.		
<b>Implementation of a Conservation Plan for Gerrard Rainbow Trout</b>	<b>\$66,750</b>	<b>Greg Andrusak 250-825-2729</b>
Estimations of spring and fall standing stock of fry and parr in the Lardeau River and acoustic tagging of parr to determine age, size and timing of out-migration. These activities reflect the highest priorities of a 2005 conservation plan developed for Gerrard rainbow trout.		
<b>Rocky Mountain Bighorn Sheep Transplant: Premier Ridge</b>	<b>\$12,000</b>	<b>Irene E. Teske 250-489-8551</b>
Continued monitoring of success of initial transplant conducted in 2005.		
<b>East Kootenay Conservation Program</b>	<b>\$20,000</b>	<b>Alex Green 250-489-8585</b>
EKCP is a partnership of over forty conservation, government and industry organizations dedicated to conserving natural areas for Kootenay communities. EKCP provides coordination and facilitation to support private-land conservation and stewardship.		
<b>South Selkirk Grizzly Bear Recovery Project</b>	<b>\$10,000</b>	<b>Michael Proctor 250-353-7339</b>
Deploy GPS radio collars on 4-6 grizzly bears.		
<b>East Kootenay Landowner Enfranchisement Pilot (EKLEP)</b>	<b>\$35,000</b>	<b>Jeff Morgan 250-371-6347</b>
1) Create approximately 9 landowner agreements that address hunter access and crop losses. 2) Provide an immediate forum for landowner, hunter and agency cooperation. 3) Develop access/stewardship products and program.		
<b>East Kootenay Land Stewardship Program</b>	<b>\$16,933</b>	<b>Kathryn Martell 250-427-4711</b>
The East Kootenay Land Stewardship Program will use on-site visits and public workshops to contact private landowners who have habitats on their lands that are considered a priority for the East Kootenay Conservation Program (EKCP).		

**Haha Watershed Invasive Fish Species Action Plan Delivery – Phase 1**                      **\$30,000**                      **Herb Tepper 250-489-8552**  
Control and/or eradication of northern pike in the Haha Creek Watershed.

**Kaslo River Bull Trout Electronic Counter Enumeration**                      **\$14,375**                      **Greg Andrusak 250-825-2729**  
Determination of run timing and numbers of adfluvial bull trout spawners that utilize the Kaslo River. Project combines resistivity counter technology with conventional redd counts and radio telemetry.

**Trans-Border Grizzly Bear Project**                      **\$22,000**                      **Michael Proctor 250-353-7339**  
We will initiate recovery of the small fragmented and threatened south Selkirk and south Purcell/Yahk grizzly bear population by working to reduce excessive human-caused mortality, enhance inter-population connectivity, and improve habitat security through research, management, and education.

**South Rockies Grizzly Bear Inventory**                      **\$35,000**                      **Garth Mowat 250-356-6341**  
We will monitor the change in population size of the grizzly bear population in the southern Rocky Mountains of BC. This data will be used to estimate population size and measure the impact of hunter harvest on this population of bears.

**Sheep/Mule Deer/Elk Habitat Recovery Premier Lake Provincial Park**                      **\$17,000**                      **Brett Yeates 250-489-8532**  
Fence as cost effectively as possible, the western boundary of the southern half of Premier Lake Park. Reclaim valuable winter range for Bighorn sheep/mule deer/elk.

**Fishing & Natural Mortality of Gerrard Rainbow Trout**                      **\$51,500**                      **J.L. Thorley 250-352-6369**  
The project will determine the feasibility of catching, tagging and detecting sufficient numbers of adult Gerrard rainbow trout in Kootenay Lake to reliably estimate natural and fishing mortality which will aid management.

**East Kootenay Elk Monitoring Project**                      **\$38,800**                      **Tara Szkorupa 250-489-8553**  
We will assess the response of individual elk and the East Kootenay elk population to liberalized cow/calf hunts, focused on non migratory elk. We will then to determine whether they are effectively reducing year-round elk pressure in low elevation habitats, where overgrazing and private land depredation is a concern.

**Lake Windermere Water Stewardship/ Fisheries & Wildlife Habitat Assessment**                      **\$14,000**                      **Heather Leschied 250-427-9325**  
Through science community stewardship and habitat restoration initiatives, the Lake Windermere Project (LWP) works towards ensuring the ecological integrity of Lake Windermere.

## **Cariboo**

**Operation & Maintenance – (Fish) – Cariboo**                      **\$43,050**                      **Todd Gale 250-398-4555**  
Operation and maintenance of Tete Angela diversion works. Maintenance of Cariboo/Chilcotin dams and weirs. Lake aeration of four lakes. Fish passage restoration of base streams and other high priority streams as needed.

**Operation & Maintenance – (Wild) – Cariboo**                      **\$5,800**                      **Joanne McLeod 250-398-4647**  
In partnership with Nature Trust and Ducks Unlimited, this funding will be leveraged to provide a 4 person field crew to conduct projects and monitor three major TNT properties leased to the Ministry, one WMA and two other Conservation lands.

**Managing Ingrown Douglas-Fir for Biodiversity, Forage & Timber: The Farwell**                      **\$12,500**                      **Harold Armleder 250-398-4407**  
This project will re-measure innovative treatments to reduce high densities of small stems common in IDF to determine the effect on wildlife habitat and biodiversity.



<b>Chilcotin Fisher Maternal Denning Habitat Study</b>	<b>\$22,450</b>	<b>Larry R. Davis 250-398-7353</b>
Radio telemetry will be used to identify maternal denning habitat for fisher in the Chilcotin area of BC. The data will also be used to identify habitat patterns for fisher in MPB impacted landscapes to direct forest management.		
<b>Churn Creek Bighorn Sheep Migration Corridor Habitat Enhancement</b>	<b>\$20,000</b>	<b>Becky Bings 250-398-4246</b>
The Churn Creek sheep migration corridor provides critical habitat for migrating California Bighorn Sheep between their summer and winter ranges. This is year 2 of the project to restore the corridor using mechanical treatments.		
<b>Simon Lake Aerator Installation, Operation &amp; Maintenance</b>	<b>\$21,985</b>	<b>Tom Wilkinson 250-398-4553</b>
Aeration of Simon Lake will prevent winterkill of stocked rainbow and restore a high value fishery. Opportunity for >3,600 angler days will be restored. Expense of losing stocked trout and additional costs of re-stocking will be averted.		
<b>Assessment &amp; Control of Invasive Smallmouth Bass in the Beaver Creek/ Quesnel River Watersheds</b>	<b>\$40,000</b>	<b>Tom Wilkinson 250-398-4553</b>
This project will assess the biology and range of smallmouth bass, conduct feasibility studies of largescale eradication or control measures and provide public education related to invasive fish species.		
<b>Monitoring Grizzly Bears along the Chilko River: Population Estimates &amp; Movements</b>	<b>\$40,000</b>	<b>Andrew Harcombe 250-479-3191</b>
Use of DNA from grizzly bear hair collared with barb-wire snagging sites to obtain a minimum count of grizzly bears using the Tatlayoko Valley and the salmon spawning beds along the Chilko River.		
<b>Badger Movements &amp; Habitat Use in the Cariboo</b>	<b>\$17,500</b>	<b>Karl W. Larsen 250-828-5456</b>
Long-term benefits of this project are to contribute to the recovery of self-sustaining populations of badgers in BC. Results will be incorporated into prioritizing grassland restoration plans, which will benefit a range of game species.		
<b><u>Skeena</u></b>		
<b>Skeena Weirs &amp; Steelhead Stock Assessment</b>	<b>\$68,000</b>	<b>Mark Beere 250-847-7297</b>
Operate a fish enumeration weir on the upper Sustut River for the 16th consecutive year to determine the escapement of wild summer steelhead to this system; the Sustut weir serves as an index stream for upper Skeena steelhead stocks.		
<b>BC/Yukon Gyrfalcon Productivity Monitoring for Falconry Harvest</b>	<b>\$5,500</b>	<b>Myke Chutter 250-387-9797</b>
Conduct and participate in productivity surveys and genetic sampling research activities for Gyrfalcons at aeries in the North Coast Mountain population of SW Yukon and NW BC.		
<b>Effects of Mountain Pine Beetle Epidemic on Tweedsmuir-Entiako Caribou Habitat Use</b>	<b>\$54,000</b>	<b>Deborah Cichowski 250-877-7558</b>
Response of caribou to the mountain pine beetle epidemic will be assessed by monitoring radio-collared caribou and conducting ground investigations of winter habitat use and foraging habits.		
<b>Burbot Abundance Assessment in Small Lakes</b>	<b>\$50,000</b>	<b>Joe De Gisi 250-847-7288</b>
This project will develop a non-lethal abundance assessment procedure for small (surface area <1000 ha) interior lakes of British Columbia.		

<b>Conservation &amp; Restoration of Northern BC Grasslands</b>	<b>\$15,000</b>	<b>Sybille Haeussler 250-847-6082</b>
The project will test, implement and document cost-effective techniques for restoring red-listed northwest BC grassland ecosystems suffering from tree and shrub encroachment, enhance wildlife habitat, and raise awareness about grassland conservation issues.		
<b>Genetic Assessment of Lake Babine Rainbow Trout for Diversity Conservation</b>	<b>\$25,000</b>	<b>Jeff Lough 250-847-7337</b>
We will evaluate the genetic biodiversity of Babine Lake rainbow trout, develop a baseline genetic database, identify distinct RBT stocks, determine the spatial composition of the harvest and make management recommendations.		
<b><u>Peace/Omineca</u></b>		
<b>Peace River Prescribed Burns (South/North Peace Burning)</b>	<b>\$85,500</b>	<b>Rob B. Woods 250-787-3285</b>
Year 5 of a five year burning program to slow the loss of early seral plant communities in the northeast part of the province.		
<b>Operation &amp; Maintenance – (Fish) – Peace</b>	<b>\$33,200</b>	<b>Kerry Harvey 250-787-3294</b>
Inga Lake: O&M of spawning channel as education program for schools, Sundance Lake -aeration in winter, Stewart Lake – weir maintenance, Swan Lake – fishway maintenance.		
<b>Operation &amp; Maintenance – (Wild) – Peace</b>	<b>\$17,500</b>	<b>Scott Fraser 250-787-3219</b>
Ensures site habitat protection (fence repairs, weed control and signage) and implementation of management plans on conservation lands.		
<b>Walleye Migrations in the Petitot River</b>	<b>\$12,500</b>	<b>Brendan Anderson 250-787-3331</b>
Telemetry observations of walleye seasonal movement patterns and congregation areas to improve life history information and establish index sites for population monitoring.		
<b>Status of Sharp-tailed Grouse in the Peace Region</b>	<b>\$30,500</b>	<b>Alicia Goddard 250-787-3568</b>
This project will continue to investigate the reproductive success and habitat use of sharp-tailed grouse populations occurring across the Peace River region. Field activities will promote stewardship with landowners industry and the community.		
<b>Omineca-Peace Lake Trout Status &amp; Conservation Planning</b>	<b>\$34,220</b>	<b>Ray Pillipow 250-614-9914</b>
Using SPIN stock assessment techniques, collect requisite lake trout life history and abundance information from unexploited and exploited lakes for the purpose of developing provincial harvest models and local management direction.		
<b>Habitat Ecology &amp; Population Demography Of River Otter in Central BC</b>	<b>\$35,000</b>	<b>Chris Johnson 250-960-5357</b>
This project will document the relationship between habitat and the distribution, demography and health of river otter in central BC. Inferences from those relationships will help us manage for the effects of changing environments.		
<b>Peace River Landowner Enfranchisement Pilot</b>	<b>\$22,400</b>	<b>Jeff Morgan 250-371-6347</b>
1) Create approximately 9 landowner agreements that address hunter access and crop losses. 2) Provide an immediate forum for landowner, hunter and agency cooperation. 3) Develop access/stewardship products and program.		
<b>Fisher Habitat Ecology in the Peace River</b>	<b>\$30,000</b>	<b>Eric Lofroth 250-356-0244</b>
The objective of this project is to conduct scientific research on fishers in the Peace River to determine natal denning requirements and identify other aspects of habitat ecology for incorporation into sustainable forest management.		

<b>Fire Mop-Up</b>	<b>\$50,000</b>	<b>Lisa Helmer 250-387-1159</b>
Conduct post fire mop up and completion activities.		
<b>Integrating Collision Hotspot Site-Specifics To Mitigate Ungulate-Related Vehicular Collisions</b>	<b>\$15,015</b>	<b>Roy Rea 250-960-5833</b>
The project seeks to reduce moose-related vehicular collisions by identifying and establishing site-specific counter measures in collision hotspots that are associated with roadslide features that are used by moose.		
<b>Stone's Sheep Ram Habitat Use, Sexual Segregation &amp; Sightability</b>	<b>\$145,125</b>	<b>Pamela Hengeveld 250-997-3496</b>
This project will determine Stone's sheep ram habitat use using resource selection functions, quantify spatial segregation of rams and ewes, and develop a ram sightability correction factor for population estimation.		
<b>Nest Box Project 2008</b>	<b>\$7,500</b>	<b>Wayne Salewski 250-567-9542</b>
To initiate a nest box project as a means of enhancing the nesting opportunities of cavity nesting birds where such opportunities have been reduced by fire suppression, forest harvesting and the Mountain Pine Beetle infestation.		
<b>Grassland Restoration – Stuart River Park</b>	<b>\$12,000</b>	<b>Wayne Salewski 250-567-9542</b>
Use prescribed fire to re-establish and maintain a variety of habitats in a grassland ecosystem by removing the over story vegetation of encroaching aspen and conifers on a landscape significantly impacted by mountain pine beetle.		
<b>Wildlife Response to Prescribed Burning in</b>	<b>\$25,000</b>	<b>Conrad Thiessen 250-787-3287</b>
The project will examine the effectiveness of the Peace prescribed burning program by analysing use of burns by ungulates and predators. Use of burns will be measured with GPS collars, pellet transects, and over-flights. Results of the project will be used to refine the Peace prescribed burn program to maximize the benefits of burning to wildlife.		
<b>SOSCP Habitat Stewardship (SOCS</b>	<b>\$45,000</b>	<b>Alyson Skinner 250-492-0173</b>
This project will continue to deliver an effective and coordinated private land stewardship program, building on previous achievements in the past 12 years SOS Stewardship Program.		
<b><u>Okanagan</u></b>		
<b>Operation &amp; Maintenance – (Fish) - Okanagan</b>	<b>\$65,350</b>	<b>Tara White 250-490-2287</b>
Operation and maintenance of HCTF funded fisheries projects throughout the Okanagan region.		
<b>Operation &amp; Maintenance – (Wild) – Okanagan</b>	<b>\$40,000</b>	<b>Mark Weston 250-490-8279</b>
Critical land management activities on conservation holdings in the South Okanagan will include: restoration; invasive species management; fencing installation/maintenance; signage; and safety issues.		
<b>South Okanagan Ranchland Conservation Project</b>	<b>\$12,000</b>	<b>Mark Weston 250-490-8279</b>
To support further implementation of HCTF-funded Management Plans on two Biodiversity Ranches in the South Okanagan.		
<b>Vaseux Fire Restoration Demonstration Project</b>	<b>\$11,000</b>	<b>Mark Weston 250-490-8279</b>
The project will increase knowledge and options for post-wildfire habitat restoration by land managers in the Southern Interior of BC and will provide opportunities for public awareness and involvement in habitat restoration.		
<b>Habitat Restoration for Bighorn Sheep, Elk, Mule Deer &amp; Mountain Goat in Southern Interior</b>	<b>\$126,500</b>	<b>Robert Stewart 250-490-8253</b>
To restore and/or enhance important bighorn sheep, mule deer, elk and goat winter, spring and fall ranges. This is a multi year project for five years 4/5.		

<b>Okanagan Region Bighorn Sheep Transplant Monitoring</b>	<b>\$12,000</b>	<b>Brian Harris 250-490-8254</b>
Continue to monitor two bighorn sheep transplants into Shorts Creek (HCTF Project 8-116) and Okanagan Mtn Park (HCTF Project 8-272) to assess the success, monitor lamb recruitment and identify critical ranges (e.g. lambing cliffs).		
<b>Kettle River Fish Habitat Restoration: Rebuilding Angling Opportunities</b>	<b>\$51,161</b>	<b>Paul Askey 250-490-8267</b>
Creation of deep pool forming habitat, using LWD placement, primarily for sub-adult and adult fluvial rainbow trout in the mid Kettle River near Midway BC.		
<b>South Okanagan Community Bat Project</b>	<b>\$14,250</b>	<b>Aaron Reid 250-4321</b>
A community based bat project designed to identify bat roosts, on both private and crown land, and assist landowners with roost conservation strategies.		
<b>Okanagan River Restoration Initiative - Wildlife Component</b>	<b>\$50,000</b>	<b>Steve Matthews 250-490-8243</b>
This project will restore a key riparian area of the Okanagan River which is the primary habitat for 3 COSEWIC listed species, the secondary habitat for 6 listed species and home to a variety of more common animals and birds.		
<b>Okanagan River Restoration Initiative - Fisheries Component</b>	<b>\$75,000</b>	<b>Steve Matthews 250-490-8243</b>
This project will restore a stretch of Canada's 3rd most endangered river by setting back dykes, reconstructing natural river features and developing fish spawning and rearing habitat.		
<b>Mission Creek Habitat Restoration Coordinator</b>	<b>\$20,000</b>	<b>Tara White 250-490-2287</b>
Retain a coordinator to facilitate a major restoration project on the most important fish producing tributary to Okanagan Lake.		
<b>Priority Management &amp; Conservation of Okanagan Region Kokanee</b>	<b>\$36,220</b>	<b>Paul Askey 250-490-8267</b>
The project will focus on establishing sustainable exploitation rates on Wood Lake (Okanagan Region's top fishery) as well as developing key stock assessment tools for managing all the main valley lakes.		