



BACKGROUND PROJECT LIST 2007-2008

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

Wild BC (Project Wild) Management of a family of environmental education programs resource materials.	\$130,000	Kerrie Mortin 250-387-9787
Public Conservation Assistance Fund 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.	\$150,000	Lisa Helmer 250-387-1159
Grizzly Bear Conservation Strategy Ensuring the continued existence of grizzly bears and their habitats for future generations.	\$290,966	Matt Austin 250-387-9799
Quality Waters Strategy (River Guardian) Provides information essential for the maintenance and improvement of the angling opportunities on classified and other quality waters.	\$341,000	Miles Stratholt 250-387-9560
B.C.'s Family Fishing Weekend 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.	\$40,000.00	Christopher Bos 250-652-4141
BC Wetland Partnership Program Operate, maintain and manage existing wetland conservation projects throughout BC and work to secure and restore additional wetland habitats benefiting fish and wildlife.	\$250,000	Brad Arner 250-374-8307
Grizzly Bear Population Density & Distribution in The Southern Coast Ranges 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.	\$69,000	Clayton Apps 403-270-8663
Wild/Domestic Sheep & Goat Separation Prevent contact and disease transmission between domestic sheep and goats and wild sheep.	\$38,000	Brian Harris 250-490-8254
Status Indicators for Lake Trout Conservation & Management Obtain accurate demographic data for 2-3 unexploited northern populations of lake trout to refine empirical reference points for lake trout conservation and management and interpret the status of fished populations.	\$44,710	Paul Giroux 250-847-7288

Comprehensive Management Plan for Westslope Cutthroat Trout in BC	\$35,500	Sue Pollard 250-387-9586
Implement a coordinated provincial approach through development of a management plan to halt the trajectory of the Westslope cutthroat trout's status in BC and support productive recreational fisheries where sustainable.		
Priority Grassland Initiative: Identifying Priority Grasslands For Wildlife, Habitat Conservation & Stewardship	\$25,000	Graham MacGregor 250-371-5296
Using recently completed provincial grassland GIS data in conjunction with the expertise of regional agrologists, ecologists, wildlife biologists, First Nations, (identify high value, priority grassland areas).		
Crown Land Securement Pilot Project	\$25,000	Doug Walker 604-924-9771
Partnership project to expand and designate new Wildlife Management Areas and Crown fish and wildlife reserves in Regions 1 and 2.		
Nutrient Purchase for Fish Habitat Restoration	\$25,000	J.C. Wightman 250-751-3230
Approximately 17 tonnes of inorganic and organic fertilizers will be applied to a minimum of 17 watersheds to improve growth and survival of stream rearing steelhead, salmon, trout and char.		
BC Amphibians: Long-term Population Survey & Monitoring Of Species of Conservation Concern	\$20,000	Laura Friis 250-387-9755
Establish sites for long-term observation of amphibian species of conservation concern due to habitat loss, susceptibility to contaminants and disease and report declines in surrounding jurisdictions.		
Visual Screening & Cover Requirements & Habitat Needs Of Selected Grassland Dwelling Species	\$15,000	Cindy Haddow 250-953-4627
Develop visual screening cover monitoring tools for application to aid in evaluation of grazing on the habitat of structurally dependant birds and small mammals. Develop guidelines for livestock grazing to maintain these species.		
British Columbia Bat Habitat Conservation & Management	\$10,000	Laura Friis 250-387-9755
Develop best management practices for urban and rural landscapes, and in areas where individual action can make a difference in maintaining habitat for these beneficial species.		
Angling Market Development Initiative	\$85,000	Don Peterson 250-414-4200
A five year market development initiative with three specific components; a license renewal campaign; a compliance campaign; and angler preference research aimed at increasing the number of angling licenses sold.		
<u>Vancouver Island</u>		
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.		
Operation & Maintenance – (Wildlife) – Vancouver Island	\$41,000	Dick Heath 250-751-3211
Assist MOE in meeting their safety, legal and land management obligations on more than 50 conservation areas. Work will include: signage, fencing, access restrictions, water control structures, weirs and dikes.		
Vancouver Island Broadcast Burns	\$37,750	Kim Brunt 250-751-3213
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.		
Roosevelt Elk Prescribed Burns	\$18,800	Kim Brunt 250-751-3213
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.		

Keogh River Steelhead Population Dynamics	\$100,000	Bruce R. Ward 604-222-6753
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.		
Tofino Mudflats Wildlife Stewardship Project	\$25,500	Barbara Beasley 250-726-2536
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.		
St. Mary Lake Aeration System	\$86,000	Trevor Hutton 250-537-9902
Install and operate an aeration system to inject compressed air into the deeper parts of the lake to increase the dissolved oxygen levels in summer to improve fish habitat and lake water quality.		
Chemainus River Mainstem Fish Habitat Complexing	\$23,824	James Craig 250-716-8776
Construct 35 ballasted large woody debris fish habitat structures to provide high quality juvenile rearing habitat for Chemainus River steelhead, trout and salmon. Five riffle habitats will also be improved with boulder additions.		
Englishman Side-Channel Extension: Phase II	\$22,264	James Craig 250-716-8776
Extend a side-channel in Englishman River Regional Park by 3.5 km (estimated 20,000 m ²) spawning and rearing habitat to more than double its current production of juvenile steelhead, cutthroat and salmon.		
Fish Habitat Restoration Project Effectiveness Monitoring	\$21,069	Scott Silvestri 250-716-8776
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.		
ECVI Water Storage Feasibility	\$25,000	James Craig 250-716-8776
In prioritized east coast Vancouver Island (ECVI) watersheds, the feasibility of potential stream flow improvement projects will be initiated and/or continued in partnership with MOE, DFO, FNs, Ducks Unlimited Canada and community stewards.		
Stewardship Support Project (Cowichan Valley)	\$10,500	Ann Archibald 250-746-0227
Help land stewards and private landholders adapt to changing land use, climate change and other environmental and attitudinal factors to increase consistency, capacity and conformity to stewardship principles.		
Implementation of the Nanaimo River Estuary Management Plan	\$30,000	Robert Lawrance 250-746-0227
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.		
Habitat Protection for the Future (Courtenay)	\$19,000	Ronna-Rae Leonard 250-338-0978
Building a sense of stewardship in the community through public education, communication of protection planning priorities with stakeholders, and volunteer involvement in ecosystem monitoring.		
<u>Lower Mainland</u>		
Operation & Maintenance – (Wild) – Lower Mainland	\$59,442	Tom Blackbird 604-582-5391
Operate and maintain the globally significant 28,402 ha of prime avian habitat located within 10 Wildlife Management Areas, including opportunities for public use and education within natural areas located within close proximity to BC largest population base.		
Lower Mainland Roosevelt Elk Recovery	\$65,100	Darryl Reynolds 604-885-7419
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.		
Stream Nutrient Enrichment Research for Fish Habitat Restoration	\$30,000	Greg Wilson 604-582-5365
Statistically-designed experiments will continue to compare the efficacy of inorganic and organic nutrient additions versus controls (no nutrient additions) at the Centennial Channel Research Facility in the Chilliwack River Watershed.		

City of Surrey's Salmon Habitat Restoration Program (SHARP)	\$15,100	Liana Giles 604-591-4383
Student based initiative promoting watershed stewardship and habitat enhancement for fish species within the City of Surrey. Habitat restoration works and community awareness of the importance of urban streams comprise the scope of works.		
Provision of Waterfowl & Raptor Habitat within Managed Grasslands on Lower Fraser River Farmland	\$15,000	Markus Merkens 604-940-3392
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 waterfowl and raptors in the area.		
Restoration of Wetlands Near the Griffith Field Studies & Interpretive Centre on the Sunshine Coast	\$18,000	Michael Jackson 604-883-9853
The goal of the project is to restore a 10-acre wetland near the Iris Griffith Interpretive Centre to create habitat for wildlife, educate public about the value of wetlands, and provide restoration and monitoring experience for students.		
Ashlu Creek Floodplain Restoration	\$17,000	Greg Wilson 604-582-5365
Restore flow and complexity to valuable floodplain habitat which was left dry after a 2003 flood degraded the Ashlu mainstem.		
Silverhope Creek Mainstem, Floodplain & Side-Channel Restoration	\$30,000	Greg Wilson 604-582-5365
Fish habitat restoration activities will restore the most heavily impacted reaches of the Silverhope Creek from anthropogenic impacts of riparian logging and stream bank armouring. Benefits will include improved survival for juvenile salmonids.		
Chehalis River Habitat Restoration	\$30,000	Greg Wilson 604-582-5365
Construction and placement of 8 j-hook vein woody debris structures. Creation and placement of 60 boulder clusters. Increase over winter survival for salmonid juveniles and holding and spawning habitat for adult salmonids.		
Shovelnose Creek Groundwater Side-Channel Development Project	\$18,094	Greg Wilson 604-582-5365
Creation and extension of three ground water channel on Shovelnose Creek to assist in the restoration of upper Squamish River salmonid stocks.		
Brohm Creek Land Acquisition Potential	\$4,830	Greg Wilson 604-582-5365
The project will investigate the feasibility of purchasing land surrounding Brohm Creek for the protection of key steelhead habitat.		
Goose Lake Reclamation Project	\$15,000	David O'Brien 604-88-1640
Goose Lake is the last remnant of the once vast Sumas Lake. The lake is threatened by the gradual growth of cattails from the shoreline; the project will use an excavator to remove ingrowth and increase the open water on the lake.		
The Brookwood/Fernridge Urban Wildlife Monitoring Program	\$19,980	Nichole Marples 604-514-4550
Encourage landowners to become involved in wildlife habitat stewardship, contribute information about how wildlife adapt to a fragmented forested urban landscape, and will identify key habitat corridors and patches for conservation.		
Biodiversity Surveys to Identify Critical Sites for Wildlife Conservation on the Sunshine Coast	\$35,000	Michael Jackson 604-883-9853
Comprehensive faunal surveys, with a focus on listed species and indicators of environmental health, will be used to identify key sites for conservation of wildlife on the Sunshine Coast.		
Greater Vancouver Learn to Fish Program	\$10,000	Brian Chan 250-371-6250
Offer youth and family learn to fish programs at 4 urban lakes located in the densely populated area of BC. Our goal is to introduce fishing as a lifelong activity to new anglers and also re-introduce fishing to lapsed anglers.		

Laboratory Analysis of Coarse Fish Eradication with Carbon Dioxide (University of BC)	\$25,020	Stephen Maricle 250-371-6253
Conduct a literature review and series of laboratory tests to determine the feasibility of using carbon dioxide (CO ₂) injection as an innovative method to eradicate invasive fish species.		
<u>Thompson/Nicola</u>		
Operation & Maintenance – (Fish) – Headquarters	\$7,650	Ted Down 250-387-9715
Maintain fences, gates, cattle guard, dam on property and pay for hydro costs for lake aeration system.		
Operation & Maintenance – (Fish) – Thompson/Nicola	\$39,850	Stephen Maricle 250-371-6253
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.		
Operation & Maintenance – (Wild) – Thompson/Nicola	\$6,000	Doug Jury 250-371-6264
Maintenance and management of Ministry lands and restricted areas to ensure public compliance with ministry regulations, protection of natural resources, and enhanced enjoyment by the visiting public.		
Operation & Maintenance – (Fish) – Bonaparte	\$18,540	Robert Bison 250-371-6244
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
Evaluate existing grizzly bear/forestry best management practices in the coast-interior transition of southern BC (Lillooet Forest District) by conducting a scientific investigation of the ecology of grizzly bears.		
Thompson/Nicola Flow Recovery Plans	\$34,250	Alan Caverly 250-371-6321
Describe natural flows, identify indicators of low flow/drought, explore options to increase low summer flows and improve living conditions for fish and other aquatic life in key Nicola River tributaries.		
Region 3 Small Lakes Water Conservation Project	\$80,800	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	\$156,825	Stephen Maricle 250-371-6253
Successfully eradicate spiny-ray fishes in eight candidate lakes and restock with trout. In year 2 of the project the goal is to complete eradication of three lakes.		
Impacts of Pine Beetle Harvesting on Mule Deer Winter Range in the Merritt TSA	\$14,800	David F. Caswell 250-378-5157
A significant portion of forest harvesting occurs in Mule Deer Winter Range. This project will study the impacts of Mountain Pine Beetle harvesting on wintering Mule Deer.		
Barnhartvale Greenspace Mapping & Wetland Enhancement	\$30,000	Sarma Liepins 250-371-6214
Local stewardship activities will be expanded to include habitat enhancements featuring the construction of several small ephemeral wetlands, follow-up monitoring, community mapping, and inventory.		
South Thompson Wolf Ranch Wildlife Stewardship	\$22,100	John Surgenor 250-371-6306
A Wildlife Stewardship Plan will be developed for a ranching area long the South Thompson River. The materials and methodology developed will be used to explore the opportunities for a larger stewardship program for the area.		
Schoolyard Wetlands: Outdoor Classrooms	\$30,000	Sarma Liepins 250-371-6214
An investment in today's youth/tomorrow's outdoor enthusiast. Through hands-on instruction, students learn how to build naturally appearing ephemeral wetlands. Teachers develop student activities to cultivate both intrigue and intimacy with nature.		

Interior Fraser Wild Steelhead	\$59,000	Robert 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 and tracking of rainbow trout and lake char in Shuswap Lake; summarize angler questionnaire data on 2006-07 sport fishery to estimate angler effort and harvest and collect tag return data for exploitation rate estimates.		
<u>Kootenay</u>		
Operation & Maintenance – (Fish) – Kootenay	\$57,000	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.		
Operation & Maintenance – (Wild) – Kootenay	\$35,530	Gary Glinz 250-489-8553
Using two conservation youth crews and resource management contractors, this project will conduct maintenance, planning, monitoring, habitat protection, enhancement and restoration activities on conservation properties throughout the East Kootenay.		
Kootenay Lake Gerrard Rainbow Trout Conservation	\$34,000	Jeff Burrows 250-354-6928
This project will monitor the conservation status of Gerrard rainbow trout by enumerating spawner numbers, estimating harvest, and monitoring critical spawning habitat parameters.		
Culvert Replacement & Habitat Restoration of Small Feeder Streams to the Lardeau River	\$15,275	Greg Andrusak 250-825-2729
Systematic replacement of 3 culverts on Highway 31 and habitat modification work designed to expand juvenile Gerrard rainbow trout rearing habitat.		
East Kootenay Grassland Ecosystem Restoration	\$180,000	Sue Crowley 250-342-4290
Conduct prescribed burning and slashing/piling activities in a fire maintained ecosystem to enhance ungulate winter range characteristics, and restore overall ecosystem function at a variety of sites in the Columbia Trench.		
Flathead & Southern Elk Valley Grizzly Bear Population Census	\$85,030	Bruce McLellan 250-837-7767
In conjunction with Alberta, conduct DNA based grizzly bear census/distribution study and test and assess the accuracy of this population census method.		
Noxious Weed Control on Bighorn Sheep Winter Range	\$9,000	Irene E. Teske 250-489-8551
Maintain the improved quality of this high value bighorn sheep winter range by conducting an intensive and consistent invasive plant control program in the Wigwam Flats.		
Elk Valley Rocky Mountain Bighorn Sheep	\$9,000	Irene E. Teske 250-489-8551
Conduct aerial inventory of bighorn sheep on winter ranges in the Elk Valley.		
Implementation of a Conservation Plan for Gerrard Rainbow Trout	\$84,600	Greg Andrusak 250-825-2729
Priority tasks required to ensure conservation of the Gerrard rainbow trout population by providing required data for more effective fisheries management.		
Rocky Mountain Bighorn Sheep Transplant: Premier Ridge	\$13,500	Irene E. Teske 250-489-8551
Aerially monitor 11 radio-collared translocated sheep from initial transplant; translocate another 20-25 sheep from Radium to Premier Ridge area.		
East Kootenay Conservation Program (EKCP)	\$20,000	Greg Chin 250-489-8558
To provide coordination and facilitation for partners to find win-win approaches to ecosystem conservation and stewardship on private land.		
Kootenay Region Electronic Fish Counter Development	\$14,000	Don McCubbing 604-837-9870
Development of a resistivity counter station for the enumeration of Gerrard rainbow trout in the Lardeau River, West Kootenay.		

East Kootenay White-Tailed Deer Enhancement Monitoring Update	\$10,170	Penny Ohanjanian 250-427-5262
Long-term monitoring of ungulate use of the winter range at Newgate by counting deer and elk pellet groups on 300 plots that were established on the site in 1986, after an HCTF habitat enhancement burn. Assess ungulate impacts on vegetation structure.		
East Kootenay Land Stewardship Program	\$16,271	Kathleen Sheppard 250-427-4711
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	\$80,000	Herb Tepper 250-489-8552
Evaluate and implement best options for pike control and/or eradication in the Haha Creek watershed.		
Trans-Border Grizzly Bear Project	\$22,000	Michael Proctor 250-353-7339
An international cooperative effort between BC and the US Fish and Wildlife Service that will facilitate the recovery of the threatened south Purcell/Yahk and south Selkirk grizzly bear populations.		
South Rockies Grizzly Bear Inventory	\$55,000	Garth Mowat 250-356-6341
Monitor the change in population size of the grizzly bear population in an 8800 km ² area of the southern Rocky Mountains north of Highway 3. Data will be used to measure the impact of hunter harvest on this population of bears.		
Elk Valley Mountain Sheep Movements	\$5,000	Irene E. Teske 250-489-8551
Develop a proposal and work plan for a study to monitor fine scale movements and habitat use of bighorn sheep in the Elkford/Sparwood coal mine area.		
Fishing & Natural Mortality of Gerrard Rainbow Trout	\$4,800	J.L. Thorley 250-352-6369
Use computer simulations and fishing guides' logbooks to produce a general funding proposal to estimate the fishing and natural mortality of Gerrard rainbow trout in Kootenay lake from telemetry and tag return data.		
East Kootenay Mountain Goat Habitat Project: Non-Winter Habitat Analysis	\$13,500	Irene E. Teske 250-489-8551
Update database on mineral licks, digitally map mineral licks and trails associated with licks, and analyze and digitally map non-winter habitats such as kidding areas, spring, summer and fall ranges and migration corridors.		

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, provide a 4 person field crew to conduct projects and monitor a variety of conservation lands in the Cariboo.		
Quesnel Lake Fish Restoration	\$50,000	Rob Dolighan 250-398-4555
Obtain biological data to implement tasks/actions that will restore kokanee and rainbow trout populations. Limnological data and improved estimates of the trout and kokanee populations are required to support possible restoration activities.		
Knife Creek Land Reserve Habitat Restoration	\$4,000	Marcel Demers 250-398-4558
A spraying program will inhibit the encroachment of invasive non-native species within the grassland community, thus, increasing the forage available to wildlife. The Knife Creek area is a known high value mule deer winter range.		
Managing Ingrown Douglas-Fir for Biodiversity, Forage & Timber: The Farwell	\$7,100	Harold Armleder 250-398-4407
Re-measure innovative treatments to reduce high densities of small stems common in IDF to determine the effect on wildlife habitat and biodiversity.		

Fraser River/Cariboo Grasslands Restoration Implementation Project	\$50,000	Roger Packham 250-395-7853
Restore 7,500 ha of grassland per year to maintain/enhance wildlife habitat suitability of California bighorn sheep, mule deer, sharp-tailed grouse, blue grouse and other hunted species.		
Chilcotin Fisher Maternal Denning Habitat Study	\$30,000	Larry R. Davis 250-398-7353
Radio telemetry will be used to identify maternal denning habitat for fisher in the Chilcotin area of BC. The data will also provide the basis for determining habitat use patterns of fishers in mountain pine beetle impacted landscapes.		
Churn Creek Bighorn Sheep Migration Corridor Habitat Enhancement	\$25,000	Becky Bings 250-398-4246
Implementation of measures including tree removal to address grassland encroachment and forest ingrowth and therefore improve the habitat suitability of priority sections of the Churn Creek bighorn sheep migration corridor.		
Assessment & Control of Invasive Smallmouth Bass in the Beaver Creek/Quesnel River Watersheds	\$39,000	Tom Wilkinson 250-398-4553
Smallmouth bass have been illegally introduced into the Beaver Creek watershed so we will assess the range and biological characteristics of bass; develop a plan for control/containment and undertake the control/containment procedures.		
Fence Replacement for Chilcotin Lake & Marsh	\$35,125	Joanne McLeod 250-398-4647
Replace 8.4 km of log fence, repair 9.3 kilometres of log fence, install cattle guards and log gates at all access points, install culvert on Clinchintampan Creek to maintain important habitat at this site.		
Monitoring Grizzly Bears along the Chilko River: Population Estimates & Movements	\$51,966	Andrew Harcombe 250-479-3191
Using snagged hair for DNA analysis, investigate grizzly bear population numbers and seasonal movement in the Tatlayoko valley during the spring/early summer and along the Chilko River during the fall salmon runs.		
<u>Skeena</u>		
Telkwa Caribou Recovery Project	\$52,750	George Schultze 250-847-7299
Monitor recovery status of the Telkwa caribou herd. Monitor radio-collared caribou distribution to manage recreational access opportunities.		
Skeena Weirs & Steelhead Stock Assessment	\$68,000	Mark Beere 250-847-7297
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.		
BC/Yukon Gyrfalcon Productivity Monitoring for Falconry Harvest	\$5,000	Myke Chutter 250-387-9797
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.		
Effects of Mountain Pine Beetle Epidemic on Tweedsmuir-Entiako Caribou	\$54,000	Deborah Cichowski 250-877-7558
Response of caribou to the mountain pine beetle epidemic will be assessed by monitoring radio-collared caribou and conducting ground investigations of habitat use.		
Burbot Abundance Assessment in Small Lakes	\$54,852	Paul Giroux 250-847-7288
Cod traps (burbot traps) and traditional 10' hoop traps will be used to conduct a mark-recapture population estimate of burbot in small lakes within Skeena Region that are exposed to high levels of exploitation.		
Population Ecology of the Swan Lake Caribou Herd	\$59,950	Mark Williams 250-847-7693
A cooperative study to determine the seasonal movements, distribution, habitat use and population ecology of the Swan Lake Caribou Herd (SLH).		

- Atlin-Taku Caribou & Moose Habitat Enhancement** \$5,000 Michael Svoboda 250-651-7925
Remove telegraph and other wire or hazards from habitats occupied by woodland caribou and moose in the Atlin-Taku region. Wildlife, particularly antlered animals, have been injured and killed when becoming entangled in the wire.
- Population Ecology of Caribou in the Mt. Edziza Park Area** \$25,000 Rick Marshall 250-847-7274
Determine the seasonal movements, distribution, habitat use, and population ecology of local caribou herds in the Mt. Edziza Park area.
- Conservation & Restoration of Northern BC Grasslands** \$25,300 Sybille Haeussler 250-847-6082
In 6 sites in the southeast Skeena region we will burn 1-2 sites, manually treat 4 sites, and monitor changes in wildlife use and range quality on treated and untreated plots at all sites.

Peace/Omineca

- Peace River Prescribed Burns (South/North Peace Burning)** \$91,250 Rob B. Woods 250-787-3285
Year 5 of a five year burning program to slow the loss of early seral plant communities in the northeast part of the province.
- Operation & Maintenance – (Fish) – Peace** \$33,200 Gerry Leering 250-787-3294
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.
- Operation & Maintenance – (Wild) – Peace** \$17,500 Scott Fraser 250-787-3219
Ensure site habitat protection (fence repairs, weed control and signage) and implementation of management plans on conservation lands in the Peace Region.
- Walleye Migrations in the Petitot River** \$24,000 Brendan Anderson 250-787-3331
Telemetry observations of walleye seasonal movement patterns and congregation areas to improve life history information and establish index sites for population monitoring.
- Status of Sharp-Tailed Grouse in the Peace Region** \$30,050 Conrad Thiessen 250-787-3287
Investigate the reproductive success and habitat use of sharp-tailed grouse populations occurring across the Peace River region. This project will also continue to pursue stewardship opportunities with landowners.
- Stream Index Surveys in the Peace Region** \$7,000 Gerry Leering 250-787-3294
Complete snorkel surveys on the Wolverine, Upper Pine and Tetsa Rivers, evaluating life history, movement, and trends in these waters, as well as regulations effectiveness.
- Omineca-Peace Lake Trout Status & Conservation Planning** \$34,220 Ray Phillipow 250-614-9914
Collect requisite lake trout life history and abundance information from unexploited and or lightly exploited lakes for the purpose of developing provincial harvest models and management.
- Fire Mop-Up** \$50,000 Lisa Helmer 250-387-1159
Conduct post fire mop up and completion activities.
- Peace Region Grizzly Bear DNA Population Inventory** \$5,000 Conrad Thiessen 250-787-3287
Determine feasibility and extent of a grizzly bear DNA population inventory in the Peace Region. Population structure will be examined genetically from DNA samples collected during compulsory inspection.
- Walleye Population Assessments** \$9,500 Brendan Anderson 250-787-3331
Introduce a standardized approach to walleye population assessment in the Peace Region and complete assessments on the two lakes with highest angler activity.
- Tupper Creek Bypass Fishway Stream Restoration Project** \$5,000 Don Bourassa 250-782-7733
Creation of a fishway that allows fish to travel upstream on the Tupper Creek, past a highway culvert that presently stops all upstream fish movement.

Verifying Mule Deer Winter Range Areas in the Fort St. James Forest District	\$59,000	Dexter Hodder 250-996-0028
Refine a process for identifying mule deer winter range areas and propose new policy guidelines for the management of mule deer winter range areas in the Fort St. James Forest District.		
Integrating Collision Hotspot Site-Specifics to Mitigate Ungulate-Related Vehicular Collisions	\$17,220	Roy Rea 250-960-5833
Reduce moose-related vehicular collisions by identifying and establishing site-specific counter measures in collision hotspots that are associated with roadside features that are used by moose.		
Reassessing the Supply of Northern Caribou Seasonal Range Types in North Central British Columbia	\$18,854	Scott McNay 250-997-5700
The latest knowledge and landscape data will be used to generate updated maps of caribou ranges in north-central BC using a GIS-based mode. Results will compare current and past findings to assess 6 years of landscape disturbance.		
<u>Okanagan</u>		
SOSCP Habitat Stewardship (SOCS Stewardship on Private Land)	\$45,000	Alyson Pulham 250-492-0173
Continue to deliver an effective and coordinated private land stewardship program, building on previous achievements in the past 12 years SOS Stewardship Program.		
Operation & Maintenance – (Fish) – Okanagan	\$65,350	Andrew Wilson 250-490-8267
Operation and maintenance of HCTF funded fisheries projects throughout the Okanagan region.		
Operation & Maintenance – (Wild) – Okanagan	\$40,000	Rose Gunoff 250-490-8200
Critical land management activities on conservation holdings in the South Okanagan will include: restoration; invasive species management; fencing installation/maintenance; signage; and safety issues.		
South Okanagan Ranchland Conservation Project	\$12,000	Rose Gunoff 250-490-8200
To support further implementation of HCTF-funded Management Plans on two Biodiversity Ranches in the South Okanagan.		
Vaseux Fire Restoration Demonstration Project	\$11,000	Rose Gunoff 250-490-8200
Increase knowledge and options for post-wildfire habitat restoration by land managers in the Southern Interior of BC, and provide opportunities for public awareness and involvement in habitat restoration.		
Habitat Restoration for Bighorn Sheep, Elk, Mule Deer & Mountain Goat in Southern Interior	\$114,250	Robert Stewart 250-490-8253
To restore and/or enhance important bighorn sheep, mule deer, elk and goat winter, spring and fall ranges through a variety of methods. Including prescribed fire.		
Okanagan Vineyards – Wildlife Friendly Fencing	\$5,000	Brian Harris 250-490-8254
To identify, design and estimate the costs of modifying existing fencing around vineyards to allow deer and bighorn sheep access to cover crops and thereby recover some wildlife use of alienated winter range.		
Okanagan Region Bighorn Sheep Transplant Monitoring	\$12,000	Brian Harris 250-490-8254
To monitor bighorn sheep numbers that were transplanted into Shorts Creek (HCTF Project 8-116) and Okanagan Mountain Park (HCTF Project 8-272) by tracking deployed VHF radio collars from a helicopter.		
Mission Creek Water Use Plan	\$25,000	Phil Epp 250-490-8274
Create a water use plan for Mission Creek that specifies how to manage releases from multiple storage reservoirs so that fish flows are sustained without compromising water supplies for licensed domestic and agricultural users.		
Construction of a Turbid Water Bypass for the Mission Creek Spawning Channel	\$38,150	Andrew Wilson 250-490-8267
Installation of a turbid water bypass structure on the Mission Creek kokanee spawning channel to minimize the discharge of sediment-laden water to Mission Creek during channel maintenance.		

- Kettle River Fish Habitat Restoration: Rebuilding Angling Opportunities** **\$49,268** **Andrew Wilson 250-490-8267**
 Install 29 large woody debris structures in the Kettle River, in the vicinity of Myers Creek and Rock Creek over a 3-year period with the goal of providing critical habitat for sub-adult and adult rainbow trout that is otherwise extremely limited.
- Middle Vernon Creek Fish Passage Assessment** **\$16,555** **Deana Machin 250-707-0095**
 Collect relevant fisheries information prior to constructing a permanent flow control structure at the outlet of Ellison Lake which flows through Middle Vernon Creek and then into Wood Lake.
- Okanagan Bullfrog Eradication & Follow Up Monitoring** **\$10,000** **Laura Friis 250-387-9755**
 Complete the eradication of invasive, non-native bullfrogs in several small wetlands in the South Okanagan, to educate the public about the problem, and monitor wetlands in the area to identify any other possible occupied ponds.