

CURRENT PROJECTS

COLLABORATIVE AREA PLANNING

Invasive Plant Management Strategy for the BC South Coast

Strategic Priority	Collaborative Area Planning	Project Number	09-012	Status	CGA signed
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This project will develop a coordinated, long-term approach for prevention and control of invasive plants in the Coastal Invasive Plant Committee's region. Existing invasive plant strategies will be documented and all active invasive plant managers will be mapped. All existing invasive plant inventories will also be mapped. The resulting information bank will be compiled into an invasive plant management strategy for the BC South Coast. \$10,000 from AEFW has been conditionally granted to this project.

Contact:	<u>Coastal Invasive Plant Committee</u>	Melissa Fox	Tel:	250-857-2472
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Mission Creek Water Users Fish Screens

Strategic Priority	Collaborative Area Planning	Project Number	09-022	Status	CGA signed
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This project will address the issue of fish entering irrigation water ditches. A plan will be developed to provide irrigation water and restore riparian habitat after construction. A field day will be held to review the fish screening, intake and agricultural operations involved in the project. A maximum of \$10,700 has been conditionally granted to the project.

Contact:	Benvoulin Ditch Users Association	Kevin Day	Tel:	250-860-3390
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EDUCATION AND AWARENESS

Grassland Monitoring Extension Initiative

Strategic Priority	Education and Awareness	Project Number	09-013	Status	CGA signed
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This two-year project will provide extension about grassland monitoring to Livestock Associations, BC Ministry staff and the BC Cattlemen's Association. Field training workshops, grassland monitoring pilots and monitoring plans will be demonstrated. The AEFW has contributed \$50,000 toward this project..

Contact:	<u>Grasslands Conservation Council of BC</u>	Melissa Ligertwood	Tel:	250-374-5787
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Invasive Knotweed Management Using Goats Year 2

Strategic Priority	Education and Awareness	Project Number	09-030	Status	CGA signed
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This project is the follow-up year to AEPI Project 08-011. Year 2 activities will evaluate the use of goats for controlling Japanese Knotweed in the Comox Valley. 4H youth will continue work with the goats to educate the public about invasive plants. \$10,000 from AEFW has been conditionally granted to Year 2 of this project.

Contact:	<u>Millard/Piercy Watershed Stewards</u>	Ronna-Rae Leonard	Tel:	250 338 0978
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Funding provided by:



Poisonous Plants Posters, Seminars, Field Days and Site Visits					
Strategic Priority	Education and Awareness	Project Number	09-035	Status	CGA signed
<p>This project will develop posters and brochures for the public that will identify regional poisonous plants and their impacts on livestock, wildlife and humans. Field days and seminars will be hosted for ranchers. The project also includes site visits to agriculture based private lands to identify invasive plants and provide management options. \$8,000 has been conditionally granted to this project.</p>					
Contact:	<u>Southern Interior Weed Management Committee</u>	Jo-Ann Fox	Tel:	250-851-1699	
Best Management Practices for Utilizing Agricultural Wood Chips					
Strategic Priority	Education and Awareness	Project Number	10-005	Status	CGA signed
<p>This project will improve upon the video produced as part of AESI/AEPI 07-022 with the addition of a second language and editing to fit the web-based venue 'You Tube". Orchard removal continues to present waste management challenges in the Okanagan and this project will endeavour to assist growers with utilization of agricultural wood chips. \$10,000 from AEFW has been conditionally granted to this initiative.</p>					
Contact:	Regional District Okanagan Similkameen	Janice Johnson	Tel:	877-610-3737	
Agricultural Plastics Collection and Recycling Video					
Strategic Priority	Education and Awareness	Project Number	10-006	Status	CGA signed
<p>An Agricultural Plastic Recycling program has been supported by the RDOS since the Agricultural Environment Partnership Initiative (AEPI) pilot project ended in 2008. The current program faces challenges such as contamination of recyclable plastics from overfilled or poorly closed collection bags, or from pesticide containers and other non-eligible plastics being included with the recyclables. This project will produce a video to assist growers achieve a product that can be accepted by the recyclers. \$10,000 from AEFW has been conditionally granted to this project.</p>					
Contact:	Regional District Okanagan Similkameen	Janice Johnson	Tel:	877-610-3737	
Invasive Knotweed Management Using Goats Year 3					
Strategic Priority	Education and Awareness	Project Number	10-007	Status	CGA signed
<p>This the 3rd and final year of the Millard/Piercy Watershed Steward's project which has been supported by AEI to date as follows: AEPI 08-011 (\$6,960) and AEFW 09-030 (\$10,000). Intensive extension is planned for this final year to communicate project findings which will include the efficacy of goats for Invasive Knotweed Control and the feed value of the plant tissue. \$10,000 from AEFW has been conditionally granted to this project.</p>					
Contact:	Millard/Piercy Watershed Stewards	Ronna-Rae Leonard	Tel:	250-338-0978	



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**AGRICULTURE ENVIRONMENT
& WILDLIFE FUND**

CURRENT PROJECTS

RESEARCH					
Effects of intensive land use on adjacent farmland habitat use by American wigeon in Delta BC					
Strategic Priority	Research	Project Number	09-008	Status	CGA signed
Throughout Delta, intensive forms of land use, such as berry fields, roads, residential areas and greenhouses, are located adjacent to open-soil farmland used by wintering waterfowl. The project will describe habitat use, explore the intensity of the response by wigeon to different types of land use, and build a GIS-based model to estimate the impact of possible land use changes on the wintering waterfowl habitat. \$30,000 has been conditionally granted to this project.					
Contact:	<u>Pacific Wildlife Foundation</u>	Ian Semple	Website	www.plwf.org	
IPM of Wasps in Sweet Cherries 2010					
Strategic Priority	Research	Project Number	10-003	Status	CGA signed
This is the 3rd year the Okanagan Kootenay Cherry Growers Association -- Creston Chapter's research project (one year as AEPI 08-006 for \$15,200; the second year was subsequently supported as AEWf 09-007 for \$14,000). The project has been extended to 3 years to expand on the recent successes achieved trapping wasps and to explore new and complementary control strategies. \$18,000 from AEWf has been conditionally granted to the 3rd and final year of this project.					
Contact:	Okanagan Kootenay Cherry Growers Association, Creston Chapter	Kris Vander Weyde	Tel:	250-428-8638	
Demonstrating good stewardship when confronted by a serious invasive pest, Spotted Wing Drosophila (Drosophila suzukii) in BC interior valleys					
Strategic Priority	Research	Project Number	10-004	Status	CGA signed
In 2009, a potentially serious new pest, Spotted Wing Drosophila, was identified in the Central Okanagan from a cherry orchard; it was also confirmed in berries and grapes throughout the Fraser Valley in 2009. Known hosts include cherry, blueberry, strawberry, raspberry, blackberry, peach, plum, nectarine and grape. This project will assist growers by providing information about insect control methods, insect population and injury levels, and insecticide timing and selective product choices. \$53,700 from AEWf has been conditionally granted to this project.					
Contact:	Okanagan Kootenay Cherry Growers Association, Creston Chapter	Kris Vander Weyde	Tel:	250-428-8638	

Funding provided by:



STEWARDSHIP					
Integrated Pest Management for Abbotsford Growers Cooperative					
Strategic Priority	Stewardship	Project Number	09-002	Status	CGA signed
This project will monitor 7 raspberry farms for insects, mites, diseases and beneficial arthropods from April to July. Bi-weekly newsletters will be distributed to 120 growers. 4 monthly drop-in sessions will also be hosted for all growers. \$4,100 per year for three years has been granted to this project.					
Contact:	Abbotsford Growers Co-operative Union	Dan Sigfusson	Tel:	604-864-0022	
Turkey Barn Dust Control					
Strategic Priority	Stewardship	Project Number	09-026	Status	CGA signed
Different configurations of trees will be evaluated as vegetative filters for barn dust and odour. The project will also evaluate an electrostatic space charge system (ESCS) in a turkey barn. The findings from the evaluations will be shared through print media and via a spokesperson for waste management for poultry producers. \$51,125 from AEFW has been conditionally granted to this project.					
Contact:	BC Sustainable Poultry Farming Group	Kevin Chipperfield	Tel:	604 556 7781	
Regional Compost Optimization Study – Agricultural Component					
Strategic Priority	Stewardship	Project Number	09-027	Status	CGA signed
This project will quantify all organic waste in the Regional District of Okanagan Similkameen (RDOS) and develop composting technologies or demand management strategies. The goal is to provide composting opportunities and soil amendment to local producers. \$28,400 from AEFW has been conditionally granted to this project.					
Contact:	<u>RDOS</u>	Liisa Bloomfield, EIT	Tel:	250-490-4229	
Enhancing the Agri-Environmental Interface					
Strategic Priority	Stewardship	Project Number	09-036	Status	CGA signed
This project will design and deliver a Category 7 BMP for agricultural producers along Saar Creek. The AEFW will also be supporting the augmentation and enhancement of riparian plantings on Saar Creek. \$13,600 has been conditionally granted to this project.					
Contact:	<u>Abbotsford Soil Conservation Association (ASCA)</u>	Kristine Schlamp	Tel:	778-378-3946	

Funding provided by:



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**AGRICULTURE ENVIRONMENT
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CURRENT PROJECTS

Reducing the Environmental Impact of Finished Cattle in BC					
Strategic Priority	Stewardship	Project Number	10-002	Status	CGA signed
<p>This project will assist beef industry stakeholders with the identification and reduction of environmental impacts using Life Cycle Assessment Modeling. The research focus is on feeding practices that will decrease methane released through enteric fermentation. \$26,000 from AEFW has been conditionally granted to this project.</p>					
Contact:	Thompson Rivers University	Dr. John Church	Tel:	250-828-5150	
Obsolete Pesticide Collection Proposal Development					
Strategic Priority	Stewardship	Project Number	10-010	Status	CGA signed
<p>With the conclusion AEPI 05-009 BC Obsolete Pesticide Collection Project, producers are enquiring about future availability of the free collection service for unwanted and obsolete pesticides. Achieving a more self sustaining and predictable model will require some investigation into other jurisdictions. Generating a new source of funds to match CropLife Canada's contribution on an ongoing basis will be a challenge. \$5,000 from AEFW has been granted to develop an Obsolete Pesticide Collection proposal.</p>					
Contact:	Agriculture Environment Initiatives	Brian Baehr	Tel:	250-860-2967	
WILDLIFE					
East Kootenay Wildlife-Cattle Vegetation Monitoring: Implications of Long-term Results for Agriculture, Wildlife and Forest Management					
Strategic Priority	Wildlife	Project Number	09-005	Status	CGA signed
<p>This project will update information on wildlife-cattle interactions in the East Kootenay. The information will provide a basis for developing management practices to improve compatibility between agriculture and the environment in the region. \$16,000 has been conditionally granted to this project.</p>					
Contact:	<u>Rocky Mountain Trench Natural Resources Society</u>	Dan Murphy	Tel:	250-489-4049	
Outdoor Passport					
Strategic Priority	Wildlife	Project Number	09-017	Status	CGA signed
<p>This project will develop a tool to engage farmers and hunters in a positive relationship. The Outdoor Passport would identify and introduce the holder as a member of the BC Wildlife Federation who has completed a qualification process related to landowner concerns, including an Outdoor Code Of Ethics. The Outdoor Passport ensures the landowner that the holder has the necessary insurance and positive history with other landowners. \$45,000 has been approved from AEFW for this project.</p>					
Contact:	<u>BC Wildlife Federation</u>	Patty MacAhonic	Tel:	604-291-9990 888-881-2293	

Funding provided by:



Wildlife Program Development					
Strategic Priority	Wildlife	Project Number	09-018	Status	AEI MC Initiative
This project will support ongoing development of wildlife damage mitigation and compensation related activities. The project is an initiative of the Agriculture Environment Initiatives Management Committee (AEI MC). \$5,000 has been approved from AEFW for this project.					
Contact:	Agriculture Environment Initiatives	Brian Baehr		Tel:	250-860-2967
American Kestrels and European Starling Management in Blueberries					
Strategic Priority	Wildlife	Project Number	09-023	Status	CGA signed
This project will encourage the establishment of American Kestrel falcons in blueberry growing areas. Nest boxes will be placed and monitored and land use will be analyzed, as the AEFW component of a larger research project. A maximum of \$8,000 has been granted to this project.					
Contact:	BC Blueberry Council	Deb Etsell		Tel:	604-864-2117
Okanagan Similkameen Starling Control Program					
Strategic Priority	Wildlife	Project Number	09-024	Status	CGA signed
This project continues preliminary research work from 2008; it will increase the effectiveness of the Starling Control program through research related to starling population structure and distribution and the evaluation of trapping techniques. A maximum of \$40,500 has been granted to this project.					
Contact:	BC Grape Growers Association	Connie Bielert		Tel:	250-442-8303
East Kootenay Elk Monitoring Program					
Strategic Priority	Wildlife	Project Number	09-029	Status	CGA signed
The findings from this project will improve the understanding of movement of elk in agricultural zones. The data will be used to support hunting regulation changes aimed at reducing non-migratory elk impacts on forage crops. A maximum of \$14,000 from AEFW has been conditionally granted to this project.					
Contact:	Fish and Wildlife Compensation Program: Columbia Basin	Larry Ingham or John Krebs		Tel:	250-489-6874 250-352-6874
Pemberton Black-tailed Deer Monitoring Year 2					
Strategic Priority	Wildlife	Project Number	09-031	Status	CGA signed
This is the second year of a project which radio-collars of black-tail deer in Pemberton Valley to monitor movements and enhance population estimates (Year 1 was funded as AEPI project 08-023). Hunters will be encouraged to access land where deer damage is occurring. The information gathered in this project will be used to support hunting regulation adjustments to reduce wild ungulate impacts. A maximum of \$20,000 from AEFW has been conditionally granted to this project.					
Contact:	Pemberton Farmer's Institute	Allen McEwan		Tel:	250-894-6063

Funding provided by:



CURRENT PROJECTS

Managing Cereal Grasses as Waterfowl Lure Crop					
Strategic Priority	Wildlife	Project Number	09-033	Status	CGA signed
<p>This project will identify cereal crop management practices in the Fraser delta that maximize waterfowl carrying capacity and minimize perennial forage crop losses for producers. The influence of planting dates on the effectiveness of winter wheat in attracting waterfowl will be determined. The number of acres of cereal crops needed to offset the impact to perennial forage will also be determined. \$29,850 has been granted to this project.</p>					
Contact:	<u>Delta Farmland and Wildlife Trust</u>	David Bradbeer	Tel:	604-940-3392	
PRFA 3-D Wildlife Fencing Demo					
Strategic Priority	Wildlife	Project Number	09-046	Status	CGA signed
<p>The goal of this project is to develop a location-flexible and economically feasible fence to deter ungulates from critical producer areas. Fencing styles and size of fenced areas will be used to demonstrate the effectiveness on different species and their behaviour. \$23,500 has been conditionally granted to this project for Year 1 activities.</p>					
Contact:	Peace River Forage Association	Chris Thomson	Tel:	250-789-6885	
PRFA 3-D Wildlife Fencing Demo					
Strategic Priority	Wildlife	Project Number	09-047	Status	CGA signed
<p>This project will determine the level of wildlife impact on creeping red fescue seed production in the BC Peace. The findings will be shared with BC MAL's Agriculture Wildlife program. A literature review on the effects of wildlife grazing on grass seed yields, damage assessment protocols, and loss quantification are components of this study. \$25,000 from AEFW has been conditionally granted to the PRFSA.</p>					
Contact:	Peace Region Forage Seed Association	Arvid Aasen	Tel:	403-782-4314	
Forage Loss Mitigation Strategy					
Strategic Priority	Wildlife	Project Number	10-009	Status	AEI Management Committee Initiative
<p>This initiative will facilitate development of a provincially scoped forage loss mitigation strategy that meets the expectations of the Federal and provincial governments in support of forage loss compensation strategies. The initiative will encourage effective mitigation, reduction and prevention of forage, cereals and grains losses due to wildlife depredation. \$28,000 from AEFW has been granted to this project.</p>					
Contact:	Agriculture Environment Initiatives	Brian Baehr	Tel:	250-860-2967	

Funding provided by:

