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Today is Tuesday August 9, 2011

[Watersheds fund hands out nearly \\$1 million for salmon enhancement in B.C.](#)

By [Randy Shore](#) 19 Jul 2011 [COMMENTS\(0\)](#) [The Green Man](#)

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This just came across my desk from the Pacific Salmon Foundation and Fraser Basin Council

Vancouver, B.C. – The Fraser Salmon & Watersheds Program (FSWP) will fund 31 projects with a total of \$920,000 from the provincial Living Rivers Trust Fund. FSWP is co-managed by Pacific Salmon Foundation and the Fraser Basin Council. With 2011 as its sixth year of operations, FSWP aims to enable communities to steward their water and salmon resources by building collaboration, fostering leadership and increasing engagement.

The Fraser Basin drains an area about the size of California. It is known worldwide for its natural beauty, abundant resources and cultural diversity. Two out of three British Columbians live in the Basin – over two million in the Lower Mainland and another 500,000 in major communities and dozens of smaller towns and villages from the Rockies to the Fraser Valley.

To further its mission of inspiring changes in human behavior for the benefit of Fraser salmon and watersheds, FSWP projects focus on the need to:

- Improve habitat resilience through effective collaboration on habitat work;
- Foster local decision making that considers whole watersheds;
- Enable strategies and science that help fisheries to preserve the abundance and genetic diversity of salmon, especially in the face of climate change impacts; and
- Promote water or salmon friendly actions and provide education that gives context to the actions.

2011 Fraser Salmon & Watersheds Programs

Entire Fraser Basin Council

\$50,062

Fraser Basin Council

Guidance and Capacity-Building for Water and Watershed Planning

Build capacity for community watershed planning, including climate adaptation, using the recently completed Water and Watershed Planning Guide. Collaborate with local governments, First Nations, stewardship organizations, and others to provide printed guide, website and regional workshops.

\$45,000

Fraser Basin Council

Monitoring & Compliance Panel

Identify and promote the best monitoring and compliance practices and policies for collaborative management to sustain salmon.

\$30,000

Fraser River Salmon Table

Building a River Community

Continue forum to foster collaboration among First Nation, sport, commercial and conservation interests in the Fraser Salmon Fishery. Projects define practices for inriver fishery and river-based processing, apply Cultus sockeye recovery fund to milfoil and pike minnow removal and stewardship.

Fraser Valley

\$44,225

Habitat Fraser Basin Council

"No Poop," It's the Mass-Balance Nutrient Budget for Cultus Lake

Monitor fluxes and sources of nutrients degrading Cultus Lake, and work towards an abatement and management strategy that will protect endangered sockeye salmon rearing habitat. Engage citizens, decision makers, First Nations in awareness and response to findings.

\$43,068

Pacific Salmon Foundation

Coho Habitat Pilots in Lower Fraser Watersheds

Facilitate up to four pilot projects in the lower Fraser River that demonstrate new eligibility of projects for habitat compensation required of developers. Establish mechanisms for larger scale, priority projects to be implemented as habitat compensation.

\$18,000

BC Conservation Foundation

Fraser Valley Stream Enrichment

For six primary Fraser Valley streams, apply slow-release fertilizer and increase phosphorous and nitrogen concentration to improve ocean survival for fish with long stream residency and to enhance primary productivity.

\$15,000

Langley Environmental Partners

Salmon Saturdays

Outreach to citizens and organizations to increase awareness of, action for and participation in governance and stewardship activities to contribute to salmon and watershed health.

\$10,000

Habitat City of Chilliwack

Vedder River Off-Channel Habitat Opportunities Inventory

Inventory fish habitat features and prioritize sites for maintenance and enhancement of fish rearing and spawning habitat to guide future work and land use.

\$10,000

Engagement Fraser Valley Conservancy

Youth Stewards for Watershed Conservation

Create a membership program that inspires and trains youth and their families to take action for watershed sustainability and for healthy homes and parks.

Greater Vancouver

\$100,000

Fraser Salmon & Watersheds Program

Bear Creek Salmon Interpretive Park

Restore the creek, provide educational opportunities for the community and use a common concern for salmon and salmon habitat as a focus for inter-faith and intergenerational activity.

\$40,575

Cities of Coquitlam and Port Coquitlam and Kwikwetlem First Nation

Coquitlam River Watershed Roundtable – Moving Forward

Building on four years of community collaboration, initiate the Coquitlam River Watershed Roundtable through efforts to hire a watershed coordinator, implement projects, prepare a budget and a funding strategy, and enhance the collaboration of government and non-government organizations on watershed issues.

\$38,500

Canadian Sikh Coalition

Caring, Active, Responsible, Engaged (CARE) within South Asian Community

Create pilot Youth Stewardship Councils to train and mentor South Asian youth in salmon conservation and watershed governance.

\$15,897

Mount Currie Indian Band – Lil'wat Nation

Upper Lillooet River Juvenile Salmon Presence Survey

Assess presence and distribution of juvenile salmon on the Upper Lillooet River system, which will inform fisheries management.

\$12,050

Alouette River Management Society

Alouette Watershed Adopt-a-Stream Pilot

Encourage neighborhoods, families, individuals, local schools, and clubs to be stewards of their local waterways; Undertake activities to remove invasive plants, mark drains, remove litter, and monitor streams.

Upper Fraser regions

\$39,744

NVSA – Vanderhoof Fish and Game Club

Murray Creek Stream Rehabilitation

Restore four priority Coho habitat sites according to plan for Nechako River watershed. Build community support for restoration work, using sites to demonstrate feasibility.

\$25,000

A'Tlegay Fisheries Society

FSC Fisheries Data Management Systems

Install, train for and support a database for First Nations to better manage their existing Food, Societal, and Ceremonial fisheries through accurate and timely catch monitoring data exchange with Fisheries & Oceans Canada.

\$10,100

Tlaxt'en Nation Fisheries Department

Fisheries Sensitive Watershed Identification & Designation in the Stuart-Takla Watershed

Recommend Fisheries Sensitive Watersheds. Establish limits on disturbance and harvest to maintain hydrological and fish values. Plan for restoration and/or silviculture. Assist with provincial process for FSW designation.

Cariboo Chilcotin Region

\$40,000

Xeni Gwet'in First Nations Government

Chilko Roundtable Watershed Plan

Bring together local input related to salmon stocks in the Chilko River watershed. Design a hydriparian planning guide and form a social/science advisory team.

\$30,000

Baker Creek Enhancement Society

Dragon Creek Culvert Day Lighting and Replacement

Replace a culvert on a Quesnel River tributary to restore salmon access to habitat and high water refuge.

\$28,000

University of Northern BC

Purchase of a Continuous Flow Centrifuge for Marine Derived Nutrient Sampling

Analyze the suspended sediment flowing out of the Horsefly River for nutrients originating in the ocean and profile the 2011 delivery and distribution of these nutrients for uptake by juvenile sockeye.

\$22,000

Baker Creek Enhancement Society

Behaviour Change-Regional Logic Modeling Process for Cariboo Chilcotin

Provide tools and information about how to avoid riparian zone damage for the "first on the scene" equipment operators that are preparing land for development. Develop similar resources for a new audience.

\$16,200

Horsefly River Roundtable

Watershed Planning and Capacity Building

Build capacity and set priorities for watershed governance. Enable information sharing about local watershed issues among government, research agencies and residents. Engage partners in the fisheries sensitive designation process.

\$13,000

The Land Conservancy of BC

Stabilizing Flow, Improving Habitat

Enhance the Patenaude Creek in the Horsefly River Riparian Conservation Area as a habitat for interior coho. Deactivate an abandoned irrigation system to disconnect this creek and a rearing channel which is acting as a fish trap.

Thompson Region

\$50,000

BC Cattlemen's Association

Farmland – Riparian Interface Stewardship Program (FRISP)

Provide agricultural community with technical information, advice, training, project prescriptions, cost estimates, mediation with regulatory agencies and other support for riparian enhancement and related waste management.

\$48,000

Boothroyd Indian Band

Nahatlatch Rearing Channel Access Improvement and Culvert Assessment

Remove obstructions to fish movement. Build beaver controls. Improve access to rearing/spawning channels at two locations in the Nahatlatch River watershed.

\$35,000

Bonaparte Watershed Stewardship Society

Streambank Restoration

Restore nine coho habitat sites that are critically eroding. Build local support for improved riparian management practices.

\$30,000

Habitat Salmon River Watershed Society

Monitoring

Complete a database of over 400 streambank restoration works undertaken since 1992, by reviewing, digitizing and e-filing archived photos by site, and by describing each site history, age, and condition.

\$22,000

Habitat Cayoose Creek Indian Band

Fraser and Seton Rivers Fish & Wildlife Corridor

Restore a rare low-lying riparian corridor and related sites on the Seton River to benefit salmon and other species-at-risk. Build awareness and capacity for stewardship.

\$15,000

Habitat Secwepemc Fisheries Commission

Groundwater Habitat Interactions for Interior Fraser Coho

Conclude a 5-year study on the use of groundwater upwellings by coho in times of thermal stress, a study with implications for groundwater management.

\$13,000

Thompson Rivers University

Research into Control Methods for Invasive Yellow Perch

Study movement and feeding behavior of invasive yellow perch to inform methods of controlling them. Test whether artificial spawning substrates can be installed and then removed to kill the eggs.

\$10,992

Habitat Nicola Tribal Association

Coldwater River Restoration of Structures to Protect Investments in Habitat Maintain and protect in excess of \$150,000 of investments in restored habitat, contributing to the resilience of the Coldwater River ecosystem and eventual recovery of Interior Fraser Coho and