



**PROJECT AND TECHNICAL EVALUATIONS
FUNDED BY THE
HABITAT CONSERVATION TRUST FUND**

1. Basic Project Evaluations

Natural Spawning Enhancement (1988) reviewed by Hux Lovely, Clint Whitecotton, Maureen Wayne, and Al Martin

This was a stream clearance and the project was completed as illustrated in the proposal.

Lower Columbia Deer (1988) reviewed by Ron Kowall

This project was to enhance winter range. The reviewer found the work carried out as described and budget spent in accordance with plan.

South Peace Burns (1988) reviewed by Maureen Wayne and Andy Stewart

Burns were completed and had good habitat response.

Grove Burn (1989) reviewed by John Simkins, Ken Child, Andy Stewart, and Maureen Wayne

This prescribed burn was completed as illustrated in the proposal.

Young Forest Winter Range (1989) reviewed by Ian McTaggart- Cowan, Bruce Pendegast, Rodger Hunter

This thinning project was completed as per the submission.

East Kootenay Mule Deer Economic Evaluation (1989) authored by Roger Reid

This economic evaluation of a controlled burn found a 4:1 benefit cost ratio.

Burnell Lake (1990) reviewed by Hux Lovely, Clint Whitecotton, Maureen Wayne, and Al Martin

This project was found to achieve project goals and on budget.

Fraser Valley Fencing (1990) reviewed by Barbara Nield, Juanita Ptolemy, and Lynne Bonner

Project considered successful, fencing completed and vegetation/ erosion response noted.

Review of the South Okanagan Conservation Strategy: An Integrated Ecosystem Project

In progress.

2. Detailed Project Evaluations

Cowichan Estuary Enhancement (1988) authored by Alison Prentice

This review looked at vegetation response after dike breach and found vegetation and waterfowl positive response.

Urban Stream Habitat Education (1988) reviewed by D. Tredger

This program increases storm drain awareness and the review found increased public awareness of storm drains, runoff and pollution.

Pitt Wetland Vegetation (1989) authored by Ken Summers

This is a review of vegetation activities and recommendation for the management of this area.

Pitt Wetland Vegetation: Habitat Enhancement (1989) authored by Ken Summers

This evaluation looks at the effectiveness of wetland revegetation work in the Pitt Wetland.

HCF Wildlife Habitat Enhancement Monitoring Program (1994)

In 1991 a HCF habitat enhancement workshop identified the need for long-term habitat and wildlife monitoring. The following projects were identified as monitoring candidates:

- *Junction Prescribed Fire*
- *Todagin Prescribed Fire*
- *Tuchodi-Gathto Prescribed Fire*
- *Moran-Viera Prescribed Fire*
- *Ashnola Prescribed Fire*
- *Vancouver Island Spacing and Thinning*
- *Beaton Creek Spacing and Thinning*
- *Transplant Monitoring*
- *Cowichan Estuary*
- *Pitt Wetlands Wildlife Management Area*
- *Delkatla Marsh*
- *Omineca River Mechanical Treatments*
- *Quinsam River Mechanical Treatments*
- *Grave Prairie Mechanical Treatments*
- *Gaspard Creek Shrub Planning*
- *Forest Management Effects on Lichen*
- *Forest Management Effects of Furbearers*
- *Louise Island Raccoon control*
- *Bluebird Nest Box Monitoring*
- *Boundary Bay Fields*

Northeast Burn Evaluation -Bison Habitat Monitoring (1993) authored by Clark, D./Maxwell, B./Harper, B./Stewart, A./Duncan, J.

This review involves the monitoring of vegetation response in a number of plots in this area, specifically for adequacy of bison habitat.

West Kootenay Prescribed Burns Evaluation (2002) authored by Poole, K./Mowat, G./Machmer, M.

Reviews the value of prescribed burns to ungulates and other wildlife with special emphasis on the burn programs conducted in the West Kootenay over the past decade.

Evaluation of the Peace Sub-Region Prescribed Burn Program in the Fort St. John Forest District (2002) authored by AMEC Earth & Environmental Limited

This evaluation develops a monitoring program for the Peace Sub-region prescribed burning program.

3. Detailed Technique Evaluations over Several Projects

Evaluation of Fish Habitat Improvement Projects in BC and Recommendations on the Development of Guidelines for Future Work (1995) authored by Mike Miles and Gordon Hartman

This report assesses the effectiveness of stream habitat improvement structures and provides recommendations for improving effectiveness.

An Assessment of Naturescape British Columbia (1998) prepared by Dovetail Consulting

This is an evaluation of the Naturescape British Columbia program which looked at program effectiveness, impacts on habitat, impacts of water use and chemicals, and community ownership.

Evaluation of the Performance of Six BC Kokanee Spawning Channels (1999) authored by Redfish Consulting

This is a review and evaluation of 6 spawning channels in BC. Review included and analysis of methods and procedures used to monitor channel production. Found that all 6 channels perform well with fry survival rates in these channels, at least 5x that of natural streams with some performing even better.

Evaluation of Performance of Small lake Aeration Projects in the Interior of British Columbia (2000) authored by Redfish Consulting

This report reviews lake aeration throughout British Columbia and considers performance. Report found aeration is highly successful in preventing winter fish kill in important sport fishery lakes.

Ungulate Restocking Projects in British Columbia: A conservation Success Story (2001) authored by Donald Blood

Review of the history, methods and successes of ungulate transplants throughout British Columbia.

Assessment of Inventory Mapping Projects (2001) authored by Robert Maxwell and Associates

This is a technical evaluation of mapping projects funded by the HCTF and an analysis of how the results of this project related to the mandate of the Trust Fund.

4. Detailed Evaluation Related to Policy Reviews

A Review and Assessment of the Operations and Maintenance Expenditures of the Habitat Conservation Trust Fund (2003) authored by Angela Deering

This report reviews the history of operations and maintenance expenditures by the Habitat Conservation Trust Fund and offers recommendation for managing these expenses in the future.

Quality Waters Strategy Review and Analysis (2003) authored by Quadra Planning and Consulting Limited.

Comprehensive analysis of the Quality Waters Strategy including achievements and cost effectiveness of the program.