

RIVERS AND SMITH RECOVERY PLAN PROJECT SUMMARY

PART I - IDENTIFICATION

Proponent Name	Rivers And Smith Salmon Ecosystem Planning Society
Proponent Address	1719 Beaufort Ave. Comox BC, V9M 1R8
Telephone / Fax	250 890-0297 Fax 250 890-0296
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PART II - PROJECT OVERVIEW

Project Name	Genesee Creek Enumeration Fence	
Project Location - Community	Genesee Creek, Owikeno Lake , Rivers Inlet	
Watersheds - creeks, reaches		
Attach map if available		
Project Cost	Total Project Cost	\$6,250
Funding	PSEF	\$3,000
Other, please list	DFO	\$3,250
Volunteer/In-kind		\$
Please List		
Project Term	Start Date	End Date
	August 15, 2004	October 1, 2004
Project Type (Check all that apply)	Stock Assessment/Inventory/Enhancement	X
	Habitat Restoration	
	Education & Public Awareness	
	Stewardship/Community Planning	
Project Partnerships	Name	Contact Info
(agencies/organisations providing planning, supervisory etc. support)	Jonathan Hepples	DFO

PART III - PROJECT DESCRIPTION

Project Objectives and Rational:

A measure of enhancement success is required for Owikeeno Lake. In order to determine the success of the enhancement efforts, a mark-recapture program involving the recovery of thermally-marked otoliths is necessary. It is proposed that a broomstick fence be placed on the Genesee Creek to enumerate migrating adults which will then be recovered post-spawn and have their otoliths removed for detection of thermal marks.

Genesee Creek had the highest percentage of enhanced fish introduced of all systems in the Owikeeno Basin, during the 2000 season. While most tributaries were enhanced at around 5% (% of adults taken for brood stock out of total run estimate), Genesee Creek was enhanced at approximately 35%. This higher percentage was largely due to the smaller run-size (~300 adults). The clear source of water, the smaller run-size and the proximity to the Machmel Camp make this a suitable system for fence enumeration. Results from this work may be used in a comparison with other tributaries especially the Inziana and Quap in which a dead-pitch project will be undertaken.

Project Design and/or Assessment Standards

It is expected to achieve the following from the fence activity:

- Absolute abundance of adults
- Ratio of hatchery survival (fry to adult)
- Ratio of hatchery vs. wild

Methods/Approach

- Construction of a broomstick fence with an electric fence as a bear-deterrent
- Trapping of adults and caudal clip[ping to determine fence efficiency
- Recovery of kelts for otolith extraction
- Thermal mark reading

Project Work plan and Timetable:

August 15, 2004 through October 1, 2004 with the possibility of an extension if needed.

Deliverables:

Final Report of findings will be submitted by Dec. 31/04

Monitoring and Maintenance:

The project will be supervised Jonathan Hepples, DFO Sock Assessment biologist.

Project Approvals:

DFO Approved

Letters of Support: List any agency/community/etc. letters of support for your project.

Community Involvement: Describe how and to what extent the community will be involved in your project and how it will assist ERWRP's community awareness/education/involvement goals.

Administration:

The contract will be managed by David Stevenson, RSSEPS coordinator.

PART IV – PROJECT BUDGET: INFORMATION & STEWARDSHIP

Please see the attached budget.

Labour – Wages and Salaries

Position	# of Crew	Rate	Total	Other Funding	PSEF Request

Rivers Smith Salmon Ecosystem Planning Society
Genesee Fence Enumeration Project

Total Labour and Wages			

Labour - Volunteer

	# of Crew	Rate	In-Kind Total
Skilled		\$25	
Unskilled		\$15	
Professional Services			
Total In-kind Labour and Professional Services			

Project Equipment and Supplies

	Description	Total	In-Kind/ Cash	PSEF Request
Equipment				
Travel				
Supplies & Materials				
Tools				
Safety Equipment				
Training				
Permits				
Other				
Total Project Equipment and Supplies Expense				

Administration and Overhead	Description	Total	In-Kind/ Cash	PSEF Request
Staff				
Office Rent & Utilities				
Insurance				
Office Supplies				
Telephone/Fax				
Photocopying & Printing				
Advertising, Displays				
Meetings				
Computers, software				
Total Overhead Costs				
Total Project Costs and Requests to PSEF				