

GRANDON CREEK 2013



Project Title	Grandon Creek Channel Improvements
Project Type	Instream Restoration
Organization	Qualicum Beach Streamkeepers Society (QBSS)
Grant Amount	\$3,050
Total Project Value	\$14,900
Stream and Receiving Waters Name	Salish Sea
Nearest Town/City	Qualicum Beach
Target Salmonid Species	Coho, Cutthroat Trout



Project Number CSP- S13

PROPONENT INFORMATION

Organization Qualicum Beach Streamkeepers Society (QBSS)

Project Title: Grandon Creek Channel Improvements 2013

Contact Faye Smith

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Website www.qbstreamkeepers.ca

PROJECT DESCRIPTION

Project Summary: Please describe accurately your project and identify what you did or not do as compared to your application summary:

The 2013 work removed aggraded sediments to restore three pool and riffle sequences, added gravel for spawning at the outlet crests and LWD in the pools for cover and boulders in the riffles for complexity. We also improved riparian conditions by planting 200 conifer seedlings and native shrubs. The PSF funding contributed to the cost of heavy equipment, biological support, and materials. This work increases the pool depth and cover markedly as well as decreases the risk of further sedimentation in the fishway below. It is in a high fish and people use area for good public information and environmental benefit.

Methods:

The main work involved a volunteer work crew in mid-summer 2013 that designed then removed fish, set up sediment control and constructed the habitat structures. The equipment was supplied by Parksville Heavy Equipment, and other materials (including Cedar logs and stumps) were donated by the Town of Qualicum Beach.

Problems/Unexpected Outcomes

There were no problems encountered during this project.

Budget

The budget conformed with our application. We did not include the value of the access route for the heavy equipment built by the Town of Qualicum Beach earlier in spring, they also had stockpiled LWD at the site.

Recommendations for Future

These pools serve fish habitat and provide maintenance of the channel sediments that get into the fishway. The aggraded sediments impacted the entire reach (with the historic sources depleted or stabilized) which is approximately 600m long. It is recommended that work continue upstream and apply similar techniques.

Please describe how you met or exceeded your objectives as compared to your application for funding, describe unintended outcomes. Describe where you did not meet your objectives.

Result #1 We created three pool/riffle sequences and four spawning beds located in the pool tail outs. We added 15 pieces of LWD to increase pool cover.

Result #2 We improved riparian health by planting conifers, and shrubs along the trail edge.



Result #3 Continuing to work with the Town of Qualicum Beach to improve instream health within Grandon Creek.

Project Support

Please list all Federal, First Nations, Provincial, Regional and Municipal government employees involvement in your project.
Town of Qualicum Beach

PROJECT SUMMARY STATISTICS

The statistics you provide will help us to determine the specific and overall achievements of your project and the Community Salmon Program and will be made available to interested individuals and organizations.

Quantifiable Results (Important these are a measurement of your project's success)

Stock Assessment or Stock Enhancement Projects (please specify species)

Number of juvenile salmonids enumerated _____ Number of salmonids released _____

Number of adult salmonids enumerated _____ Facility Upgrade _____

Number of salmonids marked/tagged _____

Will this information be integrated into a Watershed Management Planning Process? _____

Habitat Assessment

Which methodology was used in your project: Streamkeepers, other? _____

Did you use GPS? _____ Will it be integrated into a GIS? _____ Whose? _____

Linear or square meters of area inventoried, mapped or assessed: _____ (m or m²)

Was this project a component of Effectiveness Monitoring of a Habitat Rehabilitation Project? _____

Will this information be integrated into a Watershed Management Planning Process? _____

Habitat Rehabilitation Projects

Riparian Restoration	Area replanted	150≈square metres
	Number of trees/shrubs planted	200
In-channel habitat	Stream area rehabilitated	180m ²
Off-channel habitat	Stream area created/rehabilitated	m ²
Estuarine habitat	Area created/rehabilitated	m ²
Lake habitat	Area created/rehabilitated	m ²
Fish Access	Length of stream made available	m or km
Fencing	Length of fencing	≈metres
	Area protected (fence-to-bank width x length along stream = m ²):	≈square metres
Other (specify)		



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Education, Public Awareness, Stewardship, Community Planning, Volunteer Training Projects

Targets Audience (check all that apply)	Number of participants
Grade K-12	_____
Post Secondary	_____
Education and Awareness	_____
Landowners Contact	___ 1 _____
Volunteers Trained	___ 8 _____
Public presentations	___ 15 _____
Community Planning	___ yes _____
Other (specify)	___ signage _____

Communications

Please indicate which communications tools were used to highlight the project (check all that apply):

PSF sign and decals Newspaper/ media releases Brochure
 Website Media interview
 Other Facebook Presentation _____

Volunteers (Important: this is a measurement of your project's success)

Total number of volunteers involved in this project	16	Total number of volunteer hours in this project	250
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Total number of persons trained (staff and volunteers) 6

Supporting Documentation

Please attach additional documentation to illustrate your project's results.

Photos: Photos of before, during and after projects are required. By providing these you grant permission to PSF to reproduce or publish these photos; therefore, care should be taken to ensure all identifiable persons in photos are aware of this. Please provide photographers name if photo credit is desired.

Generic photo consent form is available at www.psf.ca and is to be retained by your organization.

Documentation attached (check all that apply):

Maps Brochure Photos News clippings Data Report

Other (specify) _____



STATEMENT OF EXPENDITURES

Please provide a detailed financial statement of project and PSF grant expenditures
Attach original receipts and invoices to this Final Report for PSF funded expenditures.

INVOICE/RECEIPT/COMPANY	PSF CSP (\$)	OTHER CASH (\$)	IN-KIND (\$)
Materials, Supplies, Equipment, Repairs, Maintenance, Transportation, Travel, Capital, Other		MVIHES	
Parksville Heavy Equipment	\$2,381.15	375.10	2,000.00
Cable, clamps, hardware	0		1,082.56
Materials spawning gravel/ sediment control etc	0		1,650.00
	0		0
Riparian Plants	0		\$300.00
	0		0
Volunteer Labour: Professional Fees, Project Coordination, Technicians, Consultants, Labourers, Other (Important: this is a measurement of your project's success),	0		0
Volunteer Labour	0		\$3,000.00
Volunteer Supervisor	0		\$1,250.00
Biologist/DFO: planning, training, supervision, travel, monitoring	\$668.85		\$1,400.00
	0		0
Training, Meetings, Communications, Publishing, Printing, Permits, Insurance Other	0		0
On-site Training	0		\$350.00
Lunch	0		150
Communications – photos, website, presentation	\$0	\$	0
Administration, Overhead, Insurance, Office Rental, Accounting	0		0
Administration 10%	0		\$300.00
GST Rebate, Anticipated or Received- to be applied to project costs	0		0
	\$0		0
	0		0
A TOTAL PSF CSP EXPENDITURES	\$3050.00		0
B TOTAL OTHER	0	375.10	0
C TOTAL IN-KIND	0		\$11,482.56
D TOTAL PROJECT COST A+B+C	0		\$14,907.66
E PSF CSP GRANT	\$3,050.00		
LESS TOTAL PSF CSP EXPENDITURES A	\$3,050.00		
OUTSTANDING GRANT TO BE RETURNED TO PSF	0		



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Other Contributors – Number of Contributors and Supporters of this Project:
(Important: this is a measurement of your project’s success)

Please list other cash funding, donated supplies or services and in-kind support that was provided for the project as listed on previous page.

Source	Organization Type	Amount	Purpose
QBSS	Non profit	5,100	Labour/admin/food/plants/equip
DR Clough Consulting	Biologist	900	Training / Supervision
Fisheries and Oceans	Government	500	Planning / monitoring / consult
Town of Qualicum Beach	Government	4,682	Planning / trucking / permissions
Fanny Bay Enhancement	Non Profit	300	Plants
		11,482	

Please list anticipated funders that were not able to contribute, and reasons given.

Declaration

I hereby declare that the information contained in the above financial statement submitted by us to PSF is accurate in all material respects. Any HST Input Tax Credit received or receivable by us has been declared in the budget portion of the Final Report and that the funds were used exclusively for the project as originally proposed or as formally amended by PSF.

Signature

Name, Please Print

Title

Date

Please email a copy of your final report to
jshinkewski@psf.ca

and

Mail one printed and signed Final Report, with receipts and documents to:

Pacific Salmon Foundation
300 -1682 West 7th Avenue
Vancouver BC
V6J 4S6

Please keep a complete copy for your records.



1.) QBSS crew setting up sediment control



3.) Construction process August 2013



2.) Fish removal effort (Cutthroat and Coho)



4.) Completed project October 2013