

2010/11 FINAL REPORT

FSWP File Number*	# 07350-35/ FSWP 10 D 106 PG
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* Please use the FSWP File Number provided in previous FSWP project correspondence.

1. Project Information

1.1. Project Title

Lower Fraser Coho Conservation and Enhancement Strategy and Action Plan Development

1.2. Proponent's Legal Name

Pacific Salmon Foundation – Salmon Programs, Strategic Initiatives

1.3. Project Location

Fraser River Watershed, Strait of Georgia to Maple Ridge –Mission Boundary

1.4. Contact for this report

Name: Dianne Ramage

Phone: 604 664 7664

Email:dramage@psf.ca

1.5 Funding Amount

Original Approved Grant Amount:	Total FSWP Expenditures:	Final Invoice Amount:	Final Non-FSWP leveraging, including cash and in-kind:
74,924	74924	14984.80	

2. Project Summary

Please provide a single paragraph describing your project, its objectives, and the results. As this summary may be used in program communications, clearly state the issue(s) that were addressed and avoid overly technical descriptions. Maximum 300 words.

The LFCCEI initiated a collaborative working relationship between Municipalities, First Nations (FNs), Streamkeeper Groups (SGs) and Pacific Salmon Foundation (PSF) that is centered around the development and implementation of a long term strategy that Municipalities, First Nations (FNs) and Streamkeeper Groups (SGs) can collaboratively use to implement large-scale, high-priority fish habitat protection, restoration and enhancement projects in the lower Fraser River watershed.

OPTIONAL: Please give a short statement (up to 100 words) of the most compelling activity or outcome from your project.

LFCCEI Team meetings with Fisheries and Oceans Canada (DFO) senior habitat staff, major project proponents such as Gateway and Port Metro Vancouver, and municipal governments such as Surrey, Coquitlam and Vancouver, and First Nations such as Musqueam N to determine the barriers to planning and implementing large-scale habitat projects resulted in excellent cases studies to begin discussions with the Federal government on future opportunities to potentially expand habitat compensation to consider three habitat gains that are not currently included such as water quality improvements, improved anadromous access and habitat enhancement, as they do not have indicators or performance measures, which will be further developed in Phase 1V work. The surprising outcome is that at the Pulling Together III Workshop the participants did not support these habitat gains being included in the compensatory habitat equation.

3. Final Project Results and Effectiveness

3.1 Please copy THE EXPECTED DELIVERABLES from your detailed proposal and insert into this table. Add additional rows as needed. Then describe the FINAL DELIVERABLES (the tangible end products resulting from this work) associated with each expected Deliverable.

If FINAL DELIVERABLES differ from the original EXPECTED DELIVERABLES, please describe why, and the implications for the project. **THE SAME**

EXPECTED DELIVERABLES	FINAL DELIVERABLES
<p>Deliverable #1: A list of high priority and large-scale (more costly) fish habitat projects within the lower Fraser watershed study area.</p>	<p>This information exists, however, the project proponents- major projects and municipalities, will share this project by project as needed. The stewardship community and FN have provided this information to them to go on potential habitat compensation lists, as an alternative we asked and received an example list of these projects as case studies to be considered by DFO as examples of where compensatory habitat gains can be achieved by compelled works.</p>
<p>Deliverable #2: Alternative funding and administrative mechanisms that can be applied to implement large scale fish habitat projects that are acceptable to regulatory agencies, local government, FNs and SGs.</p>	<p>LFCCEI Team had discussions regarding funding and administrative mechanisms with DFO, municipal governments, FN, and stewardship public where alternative funding can be achieved for major fish habitat projects. Suggestions focused on putting more effort into aligning need with habitat compensation projects of all sizes, reviewing what qualifies such as water quality improvement, access improvement and habitat enhancement, and increasing the discussions that lead to partnership very early in the process, long before regulatory processes are triggered.</p>
<p>Deliverable #3: A strategic work plan that, in essence, provides an operational manual to implement high priority large scale habitat projects through a collaborative process with Municipalities, FNs, SGs, and PSF.</p>	<p>LFCCEI Team developed a workplan (Appendix 1), and renewed the steering committee at Pulling Together III Workshop (Appendix 2) to operationalize both short - term and long -term processes that will result in projects in Phase IV.</p>

3.2 Please evaluate the EFFECTIVENESS of your project in achieving Project Objectives. Identify the indicators you have used to measure the effectiveness of your project. Please include any notable successes or challenges.

This project produced an action plan, attached, to move the protection, restoration and enhancement of coho habitat in lower Fraser watersheds toward large-scale multijurisdictional projects. High priority projects are presented as case studies to stimulate inter-governmental and public discussion on potential additions to the list of compensation projects that that can help address the current limiting factors of major costs, limited land base, multi-municipality jurisdictions and scale and scope of projects that results in major gains.

This project contributed to the shared project and FSWP goals, objectives and priorities by being a positive and consistent vehicle to bring new awareness of the public to activities and processes in their community through this initiative, Pulling Together III – 53 attendees, representing 26 organization including: federal, regional, municipal and FN government, major projects, stewardship and Streamkeeper groups and other ENGOS. Over ten people, government, FN and stewards have committed volunteer time to be on the steering committee to carry this into action in Phase IV.

Positive partnerships and projects on the ground resulting from this initiative included the modification of two flood boxes to improve anadromous fish access in Maple Ridge which has now become one of the case studies to

encourage the inclusion of 3 alternative project types into the regulatory process. Additional projects with FN resulted from this initiative a compensation habitat monitoring project at Whonnock Lake with Kwantlen FN and the development of a medicinal plant nursery project to provide plants for riparian restoration also with Kwantlen. Kwantlen also hosted Streamkeepers Training for band members.

This initiative resulted in two FN having an opportunity to undertake an archeological survey prior to a stewardship project commencing. This need and the ability of FN to undertake these works was showcased at Pulling Together III.

This project was effective and produced sustainable benefits.

3.4 IF applicable, please describe how your project has achieved one or more of the following supported processes (Section 2.2 of RFP; section 7 of detailed proposal template). If results differ from those originally anticipated, please describe.

Engagement of First Nations. Please specify who, and in what capacity.

Capacity building, including mentorship models, leadership training and skills development.

FN were partners and contributors throughout, on the Steering Committee, in developing the Action plan, Musqueam hosted Pulling Together III, new relationships from this resulted in Kwantlen undertaking other projects to take on compensatory habitat monitoring and 8 band members took Streamkeepers training.

Active partnerships with one or more organizations.

Recognition and support of champions and their initiatives.

The 26 organizations that attended the Pulling Together are active partners in this year 4 of a 10 year initiative. All participants are considered the champions and spark plugs for their constituency and were honoured with a witnessing gift from FN and to demonstrate FN culture.

Engagement and participation of diverse and under-represented groups.

Relationship building, as a foundation for sustainable, enduring activities.

Streamkeeping and salmon enhancement is gender neutral, is appropriate for mentally and physically fragile and all efforts are made by the stewardship and salmon conservation community, including all levels of government to reduce barriers to participation. This initiative targets this public. A Pulling Together participant offered to translate our materials into other languages that are the first language of many local residents including Asian and European languages.

Opportunities to influence policy and decision making

The essence of this initiative

3.5 Please describe how the benefits of this project will be sustained and/or be built upon into the future. What are the planned next steps, or recommendations for further work, if applicable?

Action plan developed to keep momentum and focus, new and increased numbers of knowledge people volunteering on the Steering Committee, new participants are taking training, new networks between and among all levels of government, FN, community and industry developing and growing, case studies have now gone to DFO as they requested to begin the discussion on expanding compensation habitat opportunities- these changes in opportunity are sustainable, community groups have mapping their critical habitat and now understand where to start protection and enhancement , DFO staff have undated the Wild, Threatened , Endangered and Lost Stream Map which open everyone's eyes to the need to inform and increase awareness of the broader public.

3.6. What are the top three lessons learned from this project that could be useful to communicate to others doing similar work in the Basin?

1. Time is one of the most critical resources needed, create a long range work plan at the start, minimum of 10 years so that you truly know this
2. The team was surprised at Pulling Together III by high-level opposition – lack of support - of the inclusion of new opportunities in the compensation discussion or anything that would be perceived as weakening the Fisheries Act or the existing Habitat Policy. Additional consultation and discussions needed as the attendees were very well informed and understood the concept, but were very hesitant to believe that there were sustainable gains to be made with this approach

REQUIRED: Attach all DOCUMENTATION of Final Deliverables, and LIST attachments in Section 7. These may include technical reports, maps, photos, evidence of communications, lists of meeting participants, etc.

4. Outreach and Communications

Please describe how you have communicated project activities and results within local and basin-wide communities, across organizations and/or to decision makers.

Please list and attach copies of (or links to) any communications materials from these efforts that you have not previously submitted.

Email and mail to those without it
Meetings
Workshop
Telephone
Community Mapping Network