

# Fraser Salmon & Watersheds Program



## 2011/12 FINAL REPORT

**FSWP File Number\*** FSWP 11 2 HWRS LR

\* Please use the FSWP File Number provided in previous FSWP project correspondence.

### 1. Project Information

#### 1.1. Project Title

Murray Creek Stream Rehabilitation Project

#### 1.2. Proponent's Legal Name

NVSA- Vanderhoof Fish and Game Club

#### 1.3. Project Location

Vanderhoof

#### 1.4. Contact for this report

Name: Wayne Salewski

250 567 9542

Email: salewski@telus.net

#### 1.5 Funding Amount

Original Approved Grant Amount:	Total FSWP Expenditures:	Final Invoice Amount:	Final Non-FSWP leveraging, including cash and in-kind:
\$39,744.	\$39,744.	\$11,923.20	69,046.47

### 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 Murray Creek Stream Rehabilitation project has been underway for four years. Our group has met with the majority of the landowners and has moved them to be on side to develop Environmental Farm Plans and to embrace water stewardship values as part of their business plans. With each season and positive results with these landowners we seemingly are convincing more individuals to come onside also.

We have created two demonstration projects which are being undertaken as a means to build local support for improved riparian practices in this predominantly agricultural land base. Our group has completed a total of 15 stream restoration projects since we started and has helped motivate farming operations to fence out an additional 11 kms of Murray Creek. We have created numerous financial partnerships that believe in our project and are willing to outright donate goods and services or reduce the cost to their services

We have also moved forward with collaboration and working partnerships with Northern Health, the University

of Northern BC and the Northern Regional Drinking water Team. This has helped raise the profile and benefits

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

The experience, partnerships and the development of our reputation has given us the confidence to move towards a total watershed plan over the Nechako Valley. If successful we will complete a watershed strategy for the Nechako Watershed, an aquifer study for the portion under the Agricultural Belt and the restoration of 32 streams that flow into the Nechako River.

### 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.

EXPECTED DELIVERABLES	FINAL DELIVERABLES
1. Eliminate 3 or replace perched or undersized culverts by determining need. Engineer streams banks with rock and tree placement to stop erosion and stabilize stream banks where needed, plant willows and conifers to provide shade lines. Grass seed any soil disturbances	Completed including fencing of 1 .6 km of Murray Creek  Pictures of sites attached
2. We are targeting prescriptions to be completed on 2 farms and ranches	Completed and attached
3. GIS mapping to be completed in order to share with government agencies, funders and approvers that will include prescriptions and photographs imbedded into GIS system.	Completed but also work in progress that will always be updated and worked on

**3.2** Please evaluate the EFFECTIVENESS of your project in achieving Project Objectives, using the specific measures of success identified in your proposal. Please include any notable successes or challenges.

The Murray Creek project has been an excellent program and has in our mind exceeded our expectations

**3.4 If applicable, please describe project outcomes that relate to one or more of the following strategic approaches (Section 2.1 of RFP; section 8 of detailed proposal template), and include specific examples.**

<p>Engagement of First Nations. Please specify who, and in what capacity.</p>	<p>Fraser Basin Council provided First Nations youth work experiences on the Murray Creek Project which was an excellent segway to open open communication with First Nations</p>
<p>Active partnerships with one or more organizations.</p>	<p>The MOE and DFO have become fully engaged and supportive and work hand in hand with us to make the rehabilitation of Murray Creek a reality.</p>
<p>Engagement and participation of diverse and under-represented groups.</p>	<p>We have entered into educational agreements with UNBC, area schools, 4 h students, ranchers and farmers and helping facilitate water stewardship education and knowledge on stream health and riparian management</p>
<p>Relationship building, as a foundation for sustainable, enduring activities.</p>	<p>We have engaged the local cattleman’s associations and hope to bring water stewardship practices to the Nechako Valley and created regional partnerships with universities and regional schools</p>
<p>Capacity building, including mentorship models, leadership training and skills development.</p>	<p>We are engaging high school student in water stewardship practices, facilitating a UNBC university graduating student by supporting their grant “Linking land, waterways and healthy living” and taking on two students through the Fraser Basin Councils leadership program</p>
<p>Recognition and support of champions and their initiatives.</p>	<p>We will be bringing forward a proposal for a recognition for Environmental Farm Planning award with the BC Cattleman’s Association for an area farm as they have demonstrated the strong support over the past five years</p>
<p>Opportunities to influence policy and decision making,</p>	<p>The Murray Creek Project has met with the Minister of Agriculture to bring forward the need to support the movement to water stewardship practices. He was impressed enough to give us a letter of support for our next watershed proposal.</p>

**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?**

**We have brought forward a new society to deal with the Nechako Watershed and the remaining 32 streams as a result of the experience of the Murray Creek Project and our results.**

**(attached brochure for Nechako Environment & Water Stewardship Society, NEWSS)**

**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. Working with the ranching community collaboratively is critical to success**
- 2. Develop partnerships with funders and government agencies to facilitate success**
- 3. Success does not come overnight and attending forums helps generate new ideas and new partners**

**3.7 REQUIRED: Attach all DOCUMENTATION of Final Deliverables, and LIST attachments in Section 8. 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.**

The Murray Creek Group has developed a communication bulletin that is sent out to all landowners, funders and government agencies annually.(attached) In addition we are partnering with UNBC to utilize their GIS service and servers that will be password protected to allow selected individuals and agencies access to data and mapping well protecting the privacy of the landowners. Murray Creek will has an information / education sign at its demonstration sites (picture attached)

5.1 If you have had any significant differences in spending in comparison to your original budget, please provide an explanation. Significant differences could include costs that exceed 20% of a line item or budget category (labour, materials, administration), and new items or services that were not originally budgeted, exceeding 10% of total FSWP contribution.

5.2 Please describe all non-FSWP project contributions, cash and in-kind. ATTACH letters of confirmation for non-FSWP contribution sources (cash and/or in-kind).

Non-FSWP Contribution Sources	Letter of Confirmation Attached (Y/N)	Cash (\$)	In-Kind (\$)	Total (\$)
FFP	Y	\$20,210.47	5000.00	\$25,210.47
DFO	N	\$2,645.00	6000.00	\$8,645.00
Landowners & Industry donations	N	7411.00	27,780	35,191.00
		30,266.47	38,780.00	69,046.47

## 6. Additional Comments

*OPTIONAL:* Provide any additional comments or recommendations for future efforts and suggestions for helping partners to meet the goals of the Fraser Salmon and Watersheds Program.

The Murray Creek Stream Restoration Project would like to thank the Fraser Salmon & Watershed Program and its staff for their support on our project. Your commitment to our project has been outstanding and without it I cannot imagine where this project would be.

Thank you!