

# 2010/11 FINAL REPORT

FSWP File Number*	FSWP 10 D HWRS 45
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\* Please use the FSWP File Number provided in previous FSWP project correspondence.

March 2011

## 1. Project Information

<b>1.1. Project Title</b>			
Murray Creek Stream Rehabilitation Project			
<b>1.2. Proponent's Legal Name</b>			
NVSA – Vanderhoof Fish & Game Club			
<b>1.3. Project Location</b>			
Murray Creek Vanderhoof BC			
<b>1.4. Contact for this report</b>			
Name: Wayne Salewski	Phone:250-567-9542	Email: salewski@telus.net	
<b>1.5 Funding Amount</b>			
<b>Original Approved Grant Amount:</b>	<b>Total FSWP Expenditures:</b>	<b>Final Invoice Amount:</b>	<b>Final Non-FSWP leveraging, including cash and in-kind:</b>
\$35,500.00	\$35,500	\$7,100.00	\$66,958.72

**Total spent on Murray Creek 2010 \$102,458.72**

## 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 project was designed to bring water stewardship planning to the resident farms and ranches adjacent to this important feeder stream to the Nechako River. In partnership with area ranchers, environmental farm planning programs and provincial funding agencies we are developing prescriptions to repair long term damage to Murray Creek. Off channel watering, fencing cattle out of the stream and replanting of the riparian zones are moving this stream back to productivity and setting the example for the region. Our success on this stream has moved a new society to form to bring the same program to the remaining 31 streams within the Vanderhoof Agricultural community.

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

**The Murray Creek project is the first visible program in this region that is introducing water stewardship needs and practices to the agricultural community. It is demonstrating that stewardship practices are not to be afraid of because of time and expense but rather an important program that will continue to give this industry the social license to operate on the landbase.**

**This project has also engaged the community politicians and community leaders and has created opportunities to speak at public gatherings as we move this idea throughout the larger area and adjacent streams and watersheds.**

**We now have working partnerships with government agencies, universities and organizations like the Fraser Basin Council that are united in moving forward these types of programs because of our success with Murray Creek.**

### 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. 3 completed restorations site including pretreatment assessments, as built reports, photos and associated community awareness, education, monitoring and planning activities	3 sites completed using bio engineering practices
2. GIS site mapping at a watershed scale, providing an updated inventory of completed and remaining restoration priorities	Detailed GIS mapping is completed but always a work in progress. We have now partnered with UNBC to move our GIS mapping to the University's server which will make us more available to stakeholders and landowners.
3. A summary of all activities including restoration as well as other community outreach, monitoring and fundraising activities. This will include a progress summary of the UNBC study results on social health, student based monitoring, restoration activities and education and awareness activities for the year.	UNBC has a small \$8000.00 funding grant from the BC Real Estate Foundation - Linking land, waterways and healthy living: Exploring the Murray Creek Restoration Project as a setting for health and sustainability. Dr Parkes and a graduate student are interviewing community members to examine relationships between community and watershed health. SD 91 has

	had continuing field trips to Murray Creek. This has become a go to site for elementary and high school kid
4. continued	Attached summary of this year's activities
<b>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.</b>	
<p>The Murray Creek project has had a profound influence in raising the awareness of water stewardship need in the Nechako Valley. The work we have done to influence Environmental Farm Plans by resident ranches, the amount of fencing to remove cattle and the off stream waters are only one portion of the changes that have taken place in the past year. We now have a program moving forward that will address all streams in the Nechako Valley under one program and one governance. We now have a partnership forming to examine the health, capacity and the streams relationship to the aquifer underneath this agricultural belt. We also have seen new farms and ranches stepping forward with EFP this winter which will position them to have restoration projects this coming season</p>	
<b>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.</b>	
Engagement of First Nations. Please specify who, and in what capacity.	CSTC continues to work in concert on the Nechako White Sturgeon recovery program at the mouth of Murray Creek. Fraser Basin Council has sponsored two F/N high school girls to volunteer with our group to help bring these types of experiences to their resume.
Active partnerships with one or more organizations.	Working partnerships with area, regional and provincial cattleman's associations have flourished with this project
Engagement and participation of diverse and under-represented groups.	
Relationship building, as a foundation for sustainable, enduring activities.	Our area work on Murray Creek has been recognized by the regional cattleman's associations which have expanded our program out to encompass the larger area. Area school kids continue to attend field trips to Murray Creek utilizing Stream Keepers Kits to gather data for the project.
Capacity building, including mentorship models, leadership training and skills development.	Area consultants have been trained up bio engineering & stream restoration by Mike Wallis.
Recognition and support of champions and their initiatives.	
Opportunities to influence policy and decision making,	Murray Creek chair appointed to SEHAB
<b>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?</b>	

We have formed a new society to bring forward a water stewardship group to examine a total watershed strategy for the Nechako Valley

**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. Partnerships with DFO and MOE are critical to success**
- 2. Ensuring machine operators capacity is suitable for working adjacent to streams can save a lot of money**
- 3. Developing community pride on water stewardship helps in solving localized perceptions**

**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.**

The Murray Creek group continues to gain knowledge and capacity to expand influence on this stream. Our investments over the past four years has continued to build trust and garner new farms and ranches year by year. Our presence at area meetings and trade shows in no longer looked upon as suspicious. We feel that we have made great gains in the region in only four years.