

# Fraser Salmon & Watersheds Program



Fraser Basin Council



## 2009/10 FINAL REPORT

FSWP File Number\* FSWP 09 LR 110 HWRS

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

### 1. Project Information

#### 1.1. Project Title

North Thompson Sustainable Watershed Atlas

#### 1.2. Proponent's Legal Name

Community Resource Centre for the North Thompson

#### 1.3. Project Location

Clearwater BC

#### 1.4. Contact for this report

Name: Ted Richardson

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#### 1.5 Funding Amount

Original Approved Grant Amount:	Total FSWP Expenditures:	Final Invoice Amount:	Final Non-FSWP leveraging, including cash and in-kind:
\$15,000	\$15,000	\$3,000	\$16,544.91

### 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 chief outcome of this project is to create an on-line atlas encompassing many map layers using existing data (e.g., from government agencies) as well as new map layers using data collected locally for specific use by targeted end users. This tool is designed to assist decision makers make appropriate decisions regarding sustainable development, economic opportunities, and proper land use and resource management. The atlas will include several sub-atlases containing information such as fish-bearing streams, sensitive habitat, agricultural land use, terrain hazards, forest cover and a wide range of other information. The atlas addresses PSF's objective to conserve, rehabilitate and enhance Pacific salmonids for the benefit of present and future generations. More specifically, the project objectives are:

**Objective #1:** Design and develop an on-line Atlas for the North Thompson similar to the Kamloops-South Thompson Sustainable Community Atlas  
<http://www.kamloopsatlas.com/>

**Objective #2:** Develop a web portal for the atlas

**Objective #3:** Develop asset maps from existing databases

**Objective #4:** Collect local information and create maps in sub-atlases



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

The most compelling outcome from the project was the series of Atlas Development forums that brought together many individuals and representatives of local government (including Simpcw First Nation) and community organizations to identify how the Atlas could be designed to address their information needs in such a way that they will be able to make decisions more efficiently and with greater effectiveness. This also brought to light that local map layers must be developed carefully to ensure accurate information is displayed in a "user-friendly" manner.

### 3.Final Project Results and Effectiveness

**3.1** Copy EXPECTED OUTCOMES from your detailed proposal and insert into this section. Add additional rows as needed. Then please list the FINAL OUTCOMES (the tangible end products resulting from this work) associated with expected outcome.

If FINAL OUTCOMES differ from the original EXPECTED OUTCOMES please describe why, and the implications for the project.

EXPECTED OUTCOMES	FINAL OUTCOMES
1. Acquire services of consultant to initiate project; hire a local mapping coordinator at the beginning of the project	Dave Whiting Consulting was contracted to initiate and guide the project; however the local mapping coordinator will not be hired until the specifications are determined for the pilot local map layers (this will be done using funding from the other funding partners)
2. Stage an Atlas Development Workshop	Six Atlas Development Workshops (Forums) were staged (Emergency planning [Barriere]; Tourism [Barriere and Clearwater]; Agriculture [Barriere and Clearwater]; and Local government [Simpco – Chu Chua])
3. Determine organizational structure of Atlas	Preliminary structuring has been done; progress is on-going (using funding from other funding partners)
4. Research and compile web links to existing databases/map layers.	Completed
5. Train volunteers to collect local mapping data	Will be done once pilot map layers are determined
6. Map community assets	Scheduled for later in 2010 with funding from other partners
7. Develop website portal	Partially done; full portal will be completed later in 2010 with funding from other partners

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

We are very pleased with the progress we have made even though several tasks have taken much longer than we expected.

Initially we thought that one workshop with potential end users of the Atlas would provide sufficient input to determine the local map layers that would prove useful to them. However, it became abundantly clear that there is a wide range of users that would use the information in the Atlas differently. Therefore a series of six Atlas Development forums were staged throughout the North Thompson Valley (in Barriere, Chu Chua [Simpchw], and Clearwater). The forum themes were for Tourism (2 forums), Agriculture (2 forums), Emergency Planning (1 forum), and Local Government (1 forum). The comprehensive results that we obtained (see Attachment 1) have proven to be very useful.

The following priority local map layers have been selected to be developed based upon the forum results:

1. Road classifications for emergency planning (e.g., to identify rural roads where heavy emergency equipment has access).
2. Recreational trails
3. Agricultural assets such as high value agricultural land adjacent to important fish habitat (fish presence in watercourses is already on an existing map layer).
4. Selected map layers that Simpcw First Nation identifies

**3.3 REQUIRED: attach all DOCUMENTATION of Final Outcomes, and LIST attachments here. These may include technical reports, maps, photos, evidence of communications, lists of meeting participants, etc.**

The following documents are appended:

- 1) Attachment 1: Atlas Development Forum Summary
- 2) Attachment 2: List of participants invited to the six forums, and those that attended
- 3) Attachments 3a/3b: Photos (2) of the Atlas Develop. Forums (Barriere & Simpcw)
- 4) Attachment 4: Atlas Development Brochure
- 5) Attachments 5a/5b: Draft of the Atlas User Guide (2 files)
- 6) Attachment 6: Star Journal article (November 30, 2009)
- 7) Attachment 7: Example of the Forum invitation
- 8) Attachment 8: Watershed Atlas PowerPoint presentation
- 9) Attachment 9: Map layer list

**3.4 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?**

At this point in time we have not determined where future funding will be sourced. We hope that if the emergency planning map layer proves valuable to the emergency services, that possibly further funding can be accessed through their channels. Likewise Simpcw First Nation has expressed a strong interest in supporting future funding applications. We will use the local map layers that will be developed over the summer to demonstrate the value of the Atlas to potential funders.



We are currently developing an Atlas Users Guide (see Attachments 5a/5b) that will help local government officials use the Atlas. In addition discussions with emergency planning specialists and Simpcw First Nation are on-going to determine the specifications of the local map layers that will be developed this summer with funding from our other partners.

**3.5 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. Take the time to engage potential users of any tool to ensure it meets their needs.
2. Use a project management system to ensure tasks are staged efficiently.
3. When designing new components of a tool, ensure that prototypes are designed and tested before work begins to assemble data for a large geographic area.

## 4. Project Expenditures

In Part A, please list all line-items from your original proposal, and add any additional line-items for costs that were not originally budgeted. Please include more specific descriptions of services or items where possible, (e.g. the name of the company or individual contracted), and actual rates, unit costs, and total expenditures. In Part B, report the original amount budgeted per line item from the detailed proposal, and the actual FSWP and non-FSWP amounts spent. Please NOTE that FSWP does not expect actual expenditures to necessarily align with the original budget.