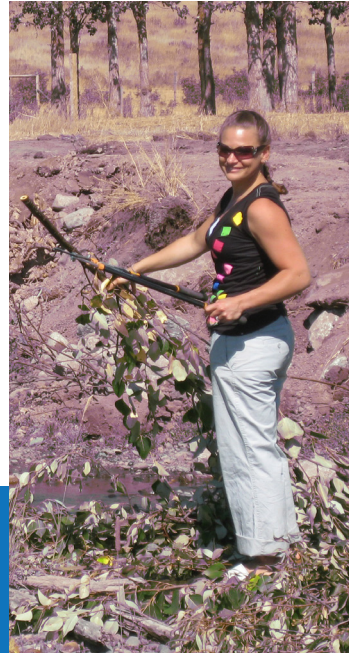


WHAT YOU CAN DO TO BE A **STREAM STEWARD**

- Maintain a **vegetated buffer** along riparian areas while cultivating, spreading manure and fertilizing.
- **Fence** off the stream from livestock.
- **Improve** road crossings and culverts.
- **Plant trees** within the riparian area.
- Make sure **livestock cannot access riparian areas** from confined areas such as pens or feedlots.
- **Avoid** working the soil and pasturing cattle near riparian areas when soils are wet.
- Provide **alternate water sources** for your livestock and fence off sensitive areas.
- **Avoid** manure build-up and do not spread manure on frozen ground.
- Place supplements and feed **away from riparian areas** (a minimum of 30 m, as stated under the Provincial Agriculture Waste Control Regulation).
- Distribute livestock evenly and exercise **good pasture management**.
- Complete an **Environmental Farm Plan**.
- **Attend** meetings and participate in stewardship projects.
- **Educate yourself** on stream health and stream rehabilitation.

Contact us for assistance with fencing materials, off channel watering systems, and tree planting along the Murray Creek riparian corridor.



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OUR GOALS:

- *To enhance the habitat along Murray Creek for the benefit of all users, fish, & wildlife.*
- *To facilitate the process of the agricultural community voluntarily working towards water stewardship along Murray Creek.*

CONTACT & RESOURCES

If you are interested in rehabilitation work on Murray Creek contact us for more information, materials, and supplies.

Richard Martens: 250-567-9402 • Wayne Salewski: 250-567-9542 • Brian Frenkel 250-567-6603

Get information on **Environmental Farm Planning** at:

<http://www.agf.gov.bc.ca/resmgmt/EnviroFarmPlanning/index.htm>

Detailed information on **Best Management Practices** is available at:

<http://www.env.gov.bc.ca/wld/BMP/bmpintro.html>

Murray Creek flows into the Nechako River within Vanderhoof town limits. Salmonids, including trout and young Chinook salmon, live within the waters of Murray Creek. At the mouth of Murray Creek adult Chinook salmon and the endangered Nechako White Sturgeon spawn. Contaminants and sediment introduced into Murray Creek ultimately reach the Nechako River and impact fish species spawning and inhabiting waters downstream.

Stewardship measures taken by landowners, government, private industry, and citizens are improving Murray Creek and resulting in a healthier ecosystem, improved conditions for livestock, and protection of land assets.

About the MURRAY CREEK REHABILITATION PROJECT

The Murray Creek Rehabilitation Project brings together land owners, businesses, schools and environmental stewards that collaborate to rehabilitate Murray Creek. We hope to increase the number of salmonids that inhabit Murray Creek, as well as improve water quality to create a healthy ecosystem. This will in turn contribute to the health of the Nechako River and the salmon and white sturgeon that spawn at the mouth of Murray Creek.

The Murray Creek Rehabilitation Project has been well received by most of the land owners along the creek, as well as members of the community and governments.

FUNDING & PROJECTS

To date the Murray Creek Rehabilitation Project has secured funding and in-kind contributions that have gone towards a number of in-stream works projects including fencing of the stream, on channel watering, bioengineering to stop erosion, replanting the riparian zone, and replacing inadequate culverts to be fish friendly. As well as educational field trips for elementary and secondary school students, public education, and research (UNBC Graduate study in Community & Watershed Health).

PARTNERS & COLLABORATORS

The Murray Creek Rehabilitation Project partners are Murray Creek landowners, BC Cattleman's Association, Farmland - Riparian Interface Stewardship Program (FRISP), Regional Cattleman's Association, Regional District of Bulkley Nechako, District of Vanderhoof, Rio Tinto Alcan, Habitat Conservation Trust Foundation, Fisheries and Oceans Canada, Fraser Salmon and Watershed Program, University of Northern British Columbia, Ministry of Environment - Environmental Stewardship Division, Avison Management Services, M4 Contracting, School District #91, and the Northern Regional Drinking Water Team which includes Fraser Basin Council, Northern Health and UNBC.



MAJOR PROJECTS IN 2011

Project Highlights

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