

BC OGRIS Project Profile

Project Name:	Boreal Caribou Habitat Restoration Monitoring Framework
Project Number:	BCIP-2016-02
Proponent:	Golder Associates
BC OGRIS Funding Envelope:	Boreal Caribou
Timeframe:	April 28, 2015 to November 30, 2015

Project objectives

The objectives of this project are to:

- Develop a long-term habitat restoration monitoring framework to assess and share tools and successes of caribou habitat restoration.
- Provide a consistent approach to monitoring restoration sites which enables the development of a long-term, regional dataset for tracking restoration treatment areas.

Project description

Feedback from stakeholders involved in existing habitat restoration programs, or potential programs in NE BC, is that there is a need for consistent guidance regarding monitoring programs for restoration treatments. Currently there is no system or regulations in place for short and long term monitoring / reporting. This project will involve the development of a consistent monitoring framework for habitat restoration programs with data collected to be used to determine if restoration objectives are being achieved. The Framework document will include:

- Outline of short and long term objectives;
- Draft minimum measurable targets for restoration sites;
- Monitoring plot layout and datasheets;
- Recommendations for monitoring frequency;
- Outline adaptive management tools and processes;
- Data management considerations; and
- Clarity in roles for data management and analysis.

Project approach

The project will involve the following approach:

1. **Desktop Study**—The objectives, approaches, and methods of data management for current restoration monitoring programs for caribou (e.g. draft in Range Restoration Projects in Alberta) and other provincial programs (e.g. BC forestry) will be explored and summarized.

2. **Draft Monitoring Framework Feedback Sessions** —Regulators and industry specialists will be provided with a draft monitoring framework and asked to provide feedback on methods to collect long-term data and on data management. Meetings with technical specialists from BC Oil and Gas Commission and government (e.g. FLNRO, MoE) will provide additional feedback.
3. **Final Monitoring Framework**—Information summarized in the Desktop Study and gathered from experts will be combined into a final Monitoring Framework.

Project deliverables

The following project deliverable will be provided:

1. **Draft Monitoring Framework**— a draft report based on desktop study and feedback from the BC OGRIS REMB Restoration Workshops will be provided to REMB, OGC and FLNRO for comments.
2. **Final Monitoring Framework**—a final version of the document will incorporate feedback from reviewers and will be considered a living document to be updated regularly as objectives, guidance and expectations around restoration evolve.
3. **Monitoring Framework Presentation** – a presentation will be prepared and presented to REMB and invited guests of the BC OGRIS.