

SCEK Project Profile

Project Name:	Boreal Caribou Habitat Restoration Tool Kit: A Practitioner’s Guide
Project Number:	BCIP-2015-05
Proponent:	Golder Associates
SCEK Funding Envelope:	Boreal Caribou
Timeframe:	July 1, 2014 to May 31, 2015

Project objectives

The objectives of this project are to:

- Provide an operational guide to industrial users for applying restoration treatments; and
- Host a one-day Restoration Workshop in Fort St. John BC to gather input for the Restoration Toolkit.
- Facilitate a workshop to roll-out the Restoration Toolkit.

Project description

Individual oil and gas operators in British Columbia are required to implement habitat restoration programs to mitigate impacts from new developments within boreal caribou ranges. The purpose of the Boreal Caribou Habitat Restoration Tool Kit is to provide field level guidance to reclamation practitioners on the objectives of restoration treatments, the toolbox of restoration treatments with a break-down by vegetation/soils type for treatment selection, associated measures to consider with restoration treatments (e.g., access control through line blocking or use of coarse woody debris, methods directed at predator mobility, etc.), provide figures/photos of restoration treatments, and to provide guidance around monitoring the success of restoration treatments.

Project approach

The project will involve the following approach:

1. **Desktop Study**—Current restoration practices in use within specific range areas, eco-province/ecoregion and vegetation communities will be summarized, and presented within a Workshop Background Report.
2. **Restoration Workshop**—Restoration, reclamation and silviculture experts from northeast BC will be invited to attend a one-day workshop to provide feedback on the Workshop Background Report and to provide feedback into a set of practices across industry and caribou ranges.

3. **Restoration Toolkit**—Information summarized in the Desktop Study and gathered from experts at the Restoration Workshop will be combined into a final Restoration Tool Kit.
4. **Roll-out Workshop**—facilitate a workshop to roll-out the Restoration Toolkit to industry, operators and qualified professionals on the techniques, field level considerations and other planning considerations prior to restoration implementation

Project deliverables

The following project deliverable will be provided:

1. **Draft Habitat Restoration Tool Kit**— a draft tool kit report based on desktop study and feedback from the restoration workshop will be provided to REMB, OGC and FLNRO for comments.
2. **Final Habitat Restoration Tool Kit**—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 knowledge evolve.
3. **Workshop**—to roll-out the Restoration Toolkit in Fort St. John.