

Beaver Restoration Assistant



Role Details

Department:	Conservation Stewardship – Beaver Restoration	Start Date:	April 1, 2024
Reports to:	Beaver Restoration Project Lead	End Date:	November 30, 2024

About the B.C. Wildlife Federation

The B.C. Wildlife Federation (BCWF) is British Columbia's leading conservation organization. As a province-wide, member-driven charitable organization, with over 43,000 members and more than 100 member clubs, our organization represents the interests of all British Columbians who aim to protect, enhance, and promote the wise use of the environment for the benefit of present and future generations.

Job Overview – Beaver Restoration Assistant

The B.C. Wildlife Federation is looking for a Beaver Restoration Assistant to work under the guidance of the Beaver Restoration Project Lead. They will assist with the 10,000 Wetlands Project, which aims to install 100 beaver dam analogues (BDAs) in BC to restore wetland and stream habitats. They will assist with ongoing work associated with field assessments, installation of BDAs, and effectiveness monitoring of BDAs. This opportunity provides hands-on experience for individuals who are interested in a career in ecology and/or conservation. In this position, you will have the unique opportunity to get involved in rewarding conservation and stewardship work throughout B.C.!

Extensive travel within BC will be required, with up to 10 to 12 days away at a time. Accommodations will include camping and motels. Field work can be remote, occur in difficult terrain and in all weather conditions. Applicants should be capable of and prepared to work on their feet, regularly carry loads up to 22kg (50lbs), and to work with power tools and machinery on a regular basis. For further job description, please review the core responsibilities of the Beaver Restoration Assistant below.

To support a workforce that reflects the diversity of our community, women, Indigenous Peoples, racialized individuals, persons of diverse sexual orientation, gender identity or expression (2SLGBTQIA+), persons with disabilities, and others who may contribute to the diversity of our workforce are encouraged to express their interest and apply.

Qualified candidates may submit their resume and cover letter as a single PDF document via email to: Jobs@bcwf.bc.ca. Please indicate candidate's name in the subject line. E.g. **Beaver_Restoration_Assistant_FirstName_LastName.**

We will review applications and conduct interviews on the rolling basis, and we encourage applicants to apply early.

Beaver Restoration Assistant



Core Responsibilities

- Liaison with partner organizations and First Nations.
- Construct low-tech process-based restoration structures including Beaver Dam Analogues (BDAs) and Post-Assisted Log Structures (PALS) using locally sourced vegetation and other materials with a field crew.
- Operate handheld machinery, such as hydraulic post-pounders and chainsaws (training will be provided).
- Conduct field visits of stream and wetland areas to assess suitability for beaver restoration work. Assessments include basic vegetation, hydrology, and wildlife surveys.
- Use 360 cameras, drones and ArcGIS field apps to collect and maintain data
- Assist with the installation, maintenance and collection of data using monitoring equipment including but not limited to level loggers, flow meters, and water quality meters.
- Assist with the management and analysis of field data and preparing data summary reports and maps.
- Assist with invasive plant management and native vegetation planting.
- Coordinate procurement of necessary field equipment and materials, maintain all equipment as required and update inventory records.
- Assist with drafting contracts for contractors.
- Assist with outreach and training events, including Indigenous community workshops, field demonstrations, and public training events.
- Adhere to safety requirements and protocols in the field
- Prepare technical reports and support headquarters team with annual reports and grant documents
- Respectfully interact with members of the public, private landowners, partnering organizations and members of participating First Nations.
- Perform other duties as directed by the Beaver Restoration Project Lead and Director of Conservation Stewardship.

Competencies and Skills

Requirements:

- Must be a Canadian citizen, permanent resident or person whom refugee protection has been conferred under the Immigration and Refugee Protection Act; have a valid Social Insurance Number at the start of employment, and be eligible to work in B.C.

Work Experience:

- Experience working and traveling with a small team.
- Experience working in a wilderness or backcountry environment.
- Experience using technology for digital data collection

Education:

- A technical diploma or a degree in the field of natural resource management (e.g., Ecological Restoration; Environmental Science; etc.) is an asset.

Knowledge, Skills and Abilities:

Beaver Restoration Assistant

- Valid Class 5 driver's license with a clean driving record and capable/confident in driving long distances.
- Willing to travel extensively throughout the Province.
- Willing to work extended shifts, up to 12 days, including weekends, extended hours and evenings based on project needs. (Note: averaging agreements will ensure your time is balanced to an average of 160 hours per 4-week period.)
- Strong collaboration and communication skills with a professional and positive attitude to work with the team and external stakeholders.
- Attention to detail and critical thinking skills.
- Knowledge of wetland, stream and riparian ecosystems
- Strong work ethic and self-starter, able to effectively manage multiple priorities, and adapt to change within a fast-paced environment.
- Ability to meet physical demands of the job and endure rigorous fieldwork, including but not limited to carrying equipment through rough terrain.
- Proficiency in Microsoft Office and remote work collaboration programs (e.g., Office Suites, Teams, SharePoint, OneDrive)

Additional Assets:

- Valid First Aid Certification, Transport Canada Drone Pilot Certificate, and/or B.C. Pesticide Applicators Certificate.
- Experience in safe operation of 4WD trucks on forest service roads, power tools, and other field equipment.
- Working knowledge of ecological restoration and environmental monitoring methods.
- Knowledge of low-tech process-based restoration techniques.
- Knowledge of wetland and invasive plant ID, using dichotomous keys and utilizing resources for identifying wetland plants.
- Knowledge of soil classification and descriptions.
- Familiarity with Biogeoclimatic Zones (BEC) and wetland classification.
- Experience with handheld GPS and GIS tools such as ArcGIS including Fieldmaps, Survey123, ArcCollector or other apps for digital data collection in the field.
- Experience with the use of hydrology monitoring equipment and data analysis.
- Experience working and collaborating with First Nations and Indigenous communities, or other stakeholders and partners on projects.

Position Terms & Compensation

Position Terms:

This is a full-time contracted position ending on November 30, 2024, with the possibility to extend. The successful candidate for this position will travel extensively in B.C., working frequently outdoors under various conditions. The candidate will also work collaboratively with the team in a remote work-from-home setting on office days. An averaging agreement may be provided during the field season to balance no more than 160 hours over a 4-week period.

Compensation:

Wage: \$21-23/hour, to be reviewed based on experience