

**NATURE OF WORK:**

Reporting directly to the Supervisor of Environmental Management & Water Sampling in the Water Services Utility, the Field Biologist will participate in developing long-term management strategies by applying professional expertise to aquatic and terrestrial ecosystems. The successful candidate will implement environmental resource sampling programs, baseline reporting, impact assessments, environmental effects monitoring, statistical analysis, ecological restoration, habitat assessment/quantification, habitat restoration and habitat compensation planning for the Water Services Utility. This position requires considerable independent judgement to be exercised in the coordination and development of projects and programs and is required to spend considerable time in the field.

**DUTIES:** *The duties described hereunder are intended to be representative of the position and are not to be considered as all inclusive.)*

Develops, coordinates, implements and maintains a variety of field programs in aquatic and terrestrial environments for both large and small scale projects throughout the Water Utility.

Leads multi-disciplinary projects, both large and small scale, while working closely with non-governmental organizations, provincial and federal agencies, internal and external professionals including biologists, ecologists, hydrologists, geoscientists, engineers and other project specialists.

Design and implement environmental monitoring programs which examine how Water Services projects, facilities and functions could affect the natural environment.

Completes reports including field reports, compensation plans, environmental impact assessments, management plans, etc.

Develops and oversees environmental data management systems; provides scientific interpretation of environmental data and provides scientific statistical analysis of monitoring results.

Provides advice to various working groups and committees; serves as representative on inter-agency scientific committees.

Supervises, mentors and trains field staff.

Provides field liaison with contractors on various projects, monitors safety of contractors and assists with related project field work as required.

Performs standby for watershed activities as required.

**REQUIREMENTS:**

Bachelor of Science degree in Biology or Natural Resources Sciences, plus five years field experience in the fisheries or limnology field.

Membership or eligibility for membership as a "Biologist in Training" in the BC College of Applied Biology.

Sound working knowledge of MV, Provincial and Federal Environmental Legislation, regulations, policies and best practices applicable to the work of the Water Utility.

Working knowledge of the Corporate, Departmental and Divisional safety programs, procedures and practices along with WorkSafe BC regulations.

Demonstrated field experience in the collection of data for lake limnology programs, aquatic and terrestrial habitat evaluations and fish capture and handling techniques.

Practical experience in aquatic and terrestrial habitat inventory, study design, environmental impact assessment, impact mitigation and environmental monitoring techniques, protocols and quality assurance.

Proven project management skills (assists in the preparation and monitors budgets and assists in administering contracts) and the ability to work with a multi-disciplinary team of professionals.

Considerable interpersonal skills, superior verbal and written communication and presentation skills.

Ability to direct, oversee, coordinate and participate in the work of consultants, contractors and staff.

Demonstrated ability to collect, analyze and summarize field data and prepare professional, technical reports. Ability to use computer applications related to the position and duties.

Training and experience in safe boat operations.

Physically capable of performing the duties required of the position. Physically capable of walking long distances on uneven ground, river wading, helicopter travel to work sites, lifting and carrying heavy objects (up to 50lbs) and a willingness to work under a range of conditions in a variety of outdoor environments.

Level 1 First Aid certification with Transportation Endorsement

Valid Driver's License (Class 5) for the Province of British Columbia and eligibility for Watershed Entry Permit

Ability to work various shifts.