



## **Senior Water Resources Specialist / Hydrologist**

MacDonald Hydrology Consultants Ltd. is seeking a Water Resources Specialist / Hydrologist responsible for a wide range of water resources-related activities including; hydrologic modelling and watershed assessment, land use and climate change assessment, water management modelling, study design, and other environmental studies. As a key member of our team, you will help to enhance our services in this important field across Western Canada. You will participate and collaborate with other staff on various multi-disciplinary assignments. Other duties include preparation of proposals and technical reports and developing and maintaining client relationships.

### **Responsibilities:**

Design, manage, and implement hydrology and climate monitoring programs, including station installation, datalogger programming, surveying and streamflow measurement.

Support development and use of hydrologic models to assess potential project impacts and inform water management.

Manage projects and supervise/mentor junior staff on project teams.

Support and/or lead proposals and business development efforts.

Assess, interpret, and analyse hydrometric and climate data, and serve as lead author/senior reviewer of technical reports.

Work on multidisciplinary teams and projects.

### **Competencies:**

Excellent communication skills, both verbal and written – including technical and scientific writing.

Aptitude and experience in project management and administration.

Demonstrated ability to lead/mentor junior staff.

Interest in leading/supporting business development.

### **Requirements:**

Graduate Degree specializing in Water Resources from an accredited university.

Eligible for, or have current, professional designation (e.g., PEng, PGeo, PAg, etc.).

At least five (5) years of directly relevant professional experience.

Project experience using watershed models.

Competent coding skills in a common programming language such as R or Python.

All interested applicants are asked to submit resumes to [jill.hallborg@machydro.ca](mailto:jill.hallborg@machydro.ca)