



Job Posting

Water Resources Engineer or Geoscientist - Senior / Team Lead (Mine Water Management / Hydrology / Geoscience) – Remote / Hybrid (Canada)

This is an outstanding career-growth opportunity for an experienced professional to join the **Water Stewardship Group** at **Falkirk Environmental Consultants Ltd.** (Falkirk) to fill the full-time position of **Senior Water Resources Engineer/Geoscientist or Hydrotechnical Team Lead**. The position comes with the flexibility of working remotely, includes a highly competitive remuneration package, and offers a unique opportunity for mid- to senior-level technical professionals with leadership potential and project management excellence.

We are seeking a motivated individual with a strong all-round consulting skillset, and a focus on technical excellence, project management, and mentorship. The candidate will work well independently in a multi-location team environment. In this role, you will report directly to Falkirk's Water Stewardship Practice Lead and have an opportunity to:

- Provide senior technical expertise on a range of projects.
- Author and deliver on high-quality technical reports.
- Build and lead a growing technical team of water professionals.
- Play a key role in business development and client relationship management.

About Falkirk

Falkirk is a growing management and environmental consulting firm, recognized among the top small and medium enterprises in Canada (under 100 employees). We are composed of an accomplished team of senior technical, regulatory approvals and permitting specialists, water resources professionals, indigenous engagement and socio-cultural experts. We are headquartered in Vancouver, BC in the traditional territory of *Sḵwxwú7mesh, xʷməθkʷəy̓əm, and Tsleil-Waututh*, and lead permitting and regulatory affairs matters for dozens of projects in Canada and the US. We work with government, financial institutions, resource industry leaders, Indigenous Nations and communities to provide solutions to complex issues.

We are always looking for people who share our mission to provide unparalleled service to our clients and work to make the world a better place. If you are looking to expand your horizons, make a shift in your career or just explore new opportunities to work in one of our key Practice Areas, get in touch! We celebrate diversity, empower our team to be leaders in whatever they do and provide a supportive, flexible and engaging environment in which to work. We have professionals located across Canada and in the United States and welcome different arrangements for our people to live and work.

The Role

As a **Hydrotechnical Lead** or **Senior Water Resources Engineer/Geoscientist**, your role balances a technical focus with management responsibilities, including:

- Leading projects on hydrological modelling, water management plans and conceptual engineering design work.
- Leading the surface water components of resource projects, including baseline studies, effects assessments, conceptual water management plans and monitoring reports.
- Managing projects and writing proposals, developing work plans and cost estimates.
- Working closely with the Practice Lead and providing operational leadership on team management and business planning.
- Designing and leading surface water monitoring programs and studies, and the execution of field programs (including oversight of subcontractors and other consultant teams).
- Authoring high-quality written technical reports in support of regulatory and permit management assignments.
- Client relationship development and business development activities.
- Preparing and presenting high-quality presentations to communicate project results to clients and stakeholders.
- Participating in a team environment, working closely with other members of Falkirk's multi-disciplinary water stewardship team (including modellers, water quality scientists, geochemists, and data scientists).
- Collaborating with Falkirk's other practice area.
- Leading the delivery of multiple projects within scope/budget/schedule expectations and apply high quality standards on project deliverables.
- Keeping abreast of changes to Canadian federal and provincial water quality guidelines and impact assessment legislation and practices, as relevant to the water practice.



Qualifications

Academic and Professional Credentials

- A minimum of 10 years of direct and relevant experience, preferably in the consulting industry or the natural resources sector.
- Registered Professional (e.g., P.Eng, P.Geo) or ability to obtain a professional designation within six months.
- Bachelors, Masters or PhD degree in engineering or geoscience (e.g., hydrology, hydrogeology, or related fields).
- Specific expertise in water resources engineering, water management, hydrometeorology, water balance modelling, hydraulic modelling and an understanding of water quality and aquatic sciences.

Essential Qualifications

- Strong technical knowledge in water resources / hydrotechnical engineering.
- Proficiency with one or more modelling platforms for hydrological modelling (GoldSim experience is an asset).
- Excellent technical writing skills, including in-depth technical reviews of others work to ensure reports are accurate and complete.
- Strong understanding of mining, mining-related environmental effects, regulatory drivers in the natural resources sector.
- Demonstrated project management skills.
- Ability to mentor and guide junior and intermediate staff, and team-building skills.
- Demonstrated experience building client relationships and winning project work.
- Demonstrated understanding of federal and provincial guidelines and regulatory requirements for surface water, effluent, and drinking water (e.g., BC ENV and CCME).
- Demonstrated experience in designing and leading field programs and studies.
- Demonstrated experience managing large datasets, analyzing and interpreting data, and assessing model projections.
- Ability to manage your own and your team's time and resources effectively.
- Experience communicating the results of water-related technical studies (e.g., with stakeholder technical review teams and First Nations, provincial/territorial regulators, and the scientific/engineering community).
- Strong interpersonal, communication and critical thinking skills.
- Willingness to occasionally travel and work in the field on projects as needed.
- A valid driver's license.

Desirable Qualifications (considered a strong asset)

- Direct experience working in the mining/resource sector.
- Field experience.
- Experience with a range of hydrological and hydraulic modelling tools.
- Experience with GIS software.
- Programming knowledge (e.g., R, Python, C, VBA), including the development of code for water resources work.
- Experience with machine learning, and AI.
- Direct experience working for other natural resource projects, such as oil and gas, and/or renewable energy.
- Knowledge of Canadian or provincial/territorial environmental impact assessment legislation and regulations (i.e., Canadian Environmental Assessment Act, 2012) related to water quality.

Your benefits at Falkirk will include:

- Flexible work environment: work from home or hybrid; we welcome different arrangements for our people to live and work.
- Competitive benefits and remuneration package, including **Group RRSP plan, Profit Sharing, Health, Dental**, and more.
- Professional development, training and conference opportunities, and access to client events.
- Mentorship program.
- Ability to work on innovative and collaborative multidisciplinary projects.
- Exciting in-person social events and virtual events organized by an active social committee.
- On the job training, mentoring and coaching.

How to Apply:

Submit your resume via email to careers@falkirk.ca to the attention of Apurva Gollamudi, Water Stewardship Practice Lead and with the job title "**Senior Water Resources Engineer/Geoscientist**" in the subject line.

We appreciate the interest of all applicants; only those selected for interviews will be contacted.