

MANAGER, WATER STUDIES (CONSULTING ENGINEER/SCIENTIST)

(Vancouver BC)

Help enable the adoption of innovation by industry and regulators. Make a difference.

How often does an opportunity come along to work for a company focused on environmental protection and sustainability? We specialize in mine water management and enable mineral extraction projects to not only comply with stringent government regulations but also to operate in a socially responsible manner, putting value on clean water as a shared resource. We develop new technologies, design and operate water treatment plants, and provide ongoing technical support which enables us to continuously improve our designs and technologies.

The opportunity

We act as the lead and single point of accountability for water in mining projects from permitting and conceptual studies to closure. Our unique expertise and IP offers significant value for our clients in achieving environmental compliance cost effectively and in a sustainable and socially responsible manner. Consulting is an important component of our business where we work with clients and their technical teams to consider all aspects of water management and treatment holistically, taking into account life cycle costs, risks and identify opportunities to “do better when we can do better.”

In this role, you will:

- Lead and perform consulting services related to water management, treatment, risk assessments, permitting, local communities and regulatory engagements.
- Interface and review work performed by other disciplines including geochemistry, hydrology statistics, metallurgy, water balance and quality prediction modeling.
- Write consulting reports as well as mining and water treatment reports intended for investors and the general public (i.e. NI43-101 reports).
- Perform technical and economic assessments of water treatment systems to identify fatal flaws, advantages and disadvantages, and areas of best and worst fits.
- Monitor industry trends to anticipate and react to changes in technology or technology drivers.
- Write, review and edit documentation including lab reports, proposals and technical papers.
- Be a key technical resource for our engineering, laboratory and business development teams.
- Lead humidity cell testing and residue stability testing.
- Expand our team’s knowledge base by sharing your expertise.
- Write, review and edit technical sections of sales proposals, including test proposals.

Qualifications and requirements

- Co-authoring of technical papers and reports including but not limited to water treatment design, EIA/EIS in mining, water management, water quality prediction and lab/pilot testing results.
- 5+ years of experience in a consulting engineering capacity related to water in mining (i.e. water management plans, balances, quality predictions, EIA/EIS, permitting). This may include process development or applied research and development/technology commercialization.

BQE Water

- Proficiency in reviewing geochemical characterization reports, water balance and quality predictions, metallurgical test reports and capable of challenging other disciplines on fundamental assumptions.
- You tactfully speak your mind, explore new ideas and solutions, and question the conventional.
- A degree and work experience in any of the following areas:
 - Process engineer in mine water treatment
 - Environmental engineer with permitting and/or operations background
 - Geochemist or hydrologist wanting to broaden their scope and expertise
 - Metallurgist with lab testing/piloting experience wanting to work in the environmental sector
- Registration or ability to register with Engineers and Geoscientists BC preferred.
- Strong attention to detail and ownership to “get things right” the first time.
- Proven effective communicator – you are articulate and can get your message across clearly both verbally and in written form.
- Willingness to take on challenges outside of your area of responsibility and help others with lab testing and/or design work.
- Building effective relationships within the company and with clients and suppliers.
- Eligible to work on a full-time permanent basis in Canada.
- Work in the Vancouver office 3 days per week (other days can be from home or the office).
- Travel to remote mine sites globally for project work and to conferences and client meetings for business development.

About us

BQE Water has been on the forefront of innovation in mine water treatment for the past two decades and our holistic approach and new technologies are changing the way industry thinks about water. Our dynamic work environment offers opportunities for professional growth and development. We have a diverse and inclusive team in locations spread over three continents, offer a casual work environment and have a strong focus on teamwork to support the unique water needs of our clients. Visit www.bqewater.com to learn more.

Are you interested?

Send your resume and cover letter to hr@bqewater.com with your name and “Manager, Water Studies” in the subject line. We will contact you if it looks like we have an opportunity that is right for you.