



## Job Description

### **Water Treatment Technician**

Reporting to: General Superintendent

Division: Remediation

Are you a hands-on problem solver, who can trace back and fix faults in a construction site water treatment system? Do you have the ambition to advance into designing systems and solving challenging large-scale water management problems for a wide range of interesting clients?

QM Environmental is one of Canada's largest full-service, nation-wide decommissioning and environmental remediation firms. Always committed to health, safety and environment, QM is growing. We invite you to be part of one of the best teams in the industry.

We offer exciting career growth, professional development, and a culture that is supported by teamwork and open communication. At QM, you'll have the opportunity to learn from and collaborate with some of the most talented professionals and innovative thought-leaders in the industry.

#### **POSITION SUMMARY:**

Based in British Columbia's beautiful Greater Vancouver Area, our Water Treatment Technician will be responsible for the following duties:

- Construct, operate & maintain various treatment systems e.g.: air sparge, liquid & vapor extraction, chemical injection, flocculent, and ion exchange, as well as media and particulate filtration.
- Make operations-level decisions and recommendations concerning the development of operational work plans in accordance with the approved completion criteria
- Carry out supervision and coordination of site personnel and subcontractors, including reporting on all relevant site activities and the management the quality of work performed
- Record operational data or meter and gauge readings on specified forms
- Maintain strong understanding and working knowledge of Health & Safety Guidelines and Quality Systems
- Apply a deductive, hands-on approach to maintain productivity and cost effectiveness

#### **RESPONSIBILITIES:**

Water Technicians play an important role on our sites. They can work with superintendents to help complete projects, but are just as likely to be in control of their own sites. They are responsible for executing all facets of their work plans safely and efficiently.

##### Health and Safety

- Must have full understanding and working knowledge of the QMLP's Health, Safety and Environmental Policies and Procedures (through on-the-job training), ensuring all site personnel adhere to them at all times.
- Be aware and willing to ensure safety compliance by all personnel on site.
- Document and notify the General Superintendent of any unsafe or potentially hazardous situations on site.
- Ensure appropriate safety equipment is available and properly applied by site personnel at all times.
- Ensure that all requests to perform unsafe work practices that may result in damage to machinery, people or property are declined.

##### General

- Contribute to or draft daily operational and project plans.
- Prior to the commencement of site works, gain an understanding of the relevant project specifications and drawings.

**Position:** Water Treatment Tech

- Set up and troubleshoot water treatment equipment including intakes, pipes, water storage vessels, chemical treatment equipment.
- Identify issues that arise and participate in the planning their resolution.
- Provide regular status updates to Superintendent and Project Manager.
- Establish site control, including preparation of safe zones, lay down areas, stockpile areas, hot zones, etc.
- Coordinate the physical activities of employees, subcontractors, and suppliers for all site activities.
- Ensure all site resource (labour, machinery, materials, sub-contractors etc.) are effectively utilized and monitored in order to achieve timely completion of projects.
- Ensure all tools and equipment used onsite are taken care of and put away. Any damage or defects are to be reported to the Superintendent or Foreman immediately.
- Upon completion of task, ensure all appropriate hired equipment is taken off rent.
- On an ongoing basis, monitor all works against specifications to ensure the continuing quality and accuracy of work performed.
- Ensure all the applicable quality checklists are properly completed.
- Ensure that relevant information is communicated to direct reports/sub-contractors enabling them to effectively carry out their functions.
- Undertake specialized training in order to accomplish skilled tasks.

## **QUALIFICATIONS:**

### **Education:**

- High school diploma, GED, or equivalent work experience
- Graduate from a university program related to civil engineering or college diploma in construction technology not required, but an asset
- Project Management Certificate, not required, but would be an asset

### **Occupational Certification:**

- Valid driver's license mandatory.
- Trade Certifications are an asset.
- Previous training in First Aid, PPE, WHMIS and TDG, etc., is considered an asset but internal training and orientation will be provided as required.
- Specialized training e.g.: Fall Protection, Flagging, etc. an asset, but will be provided as required.

### **Experience:**

- Has a minimum of 5 years' experience in the construction/remediation contracting industry.
- Demonstrable experience working with water treatment systems.
- Proven track record in working in a team environment.

### **Knowledge:**

- QM Environmental policies and procedures.
- Understanding of Environmental Legislation, standards, and guidelines related to Water Treatment in BC.
- Basic knowledge of mechanical and plumbing systems.
- Water sampling and testing techniques.
- Knowledge of all service utilities e.g.: natural gas, electric, water, sanitary, storm, etc.
- Thorough knowledge of the occupational hazards and relevant safety precautions of the work.

### **Abilities:**

- Ability to interpret and work from instructions, penciled plans and sketches, and blue prints.
- Ability to layout, construct, and supervise water treatment systems.

- Ability to understand and efficiently carry out instructions.
- Ability to keep records and to prepare work and time reports.
- Ability to use computers and efficiency with Microsoft Excel.
- Ability to adapt to quickly to change.
- Ability to think creatively and work deductively with respect to pressure, flow, chemistry, instrumentation and mechanical systems.
- Ability to use tools and technology to trouble-shoot a wide range of systems with remote help from a network of QM resources.

**Personal Suitability:**

- Can cope with dynamic situations.
- Demonstrates effective interpersonal relations with varied personality types, cultures, and backgrounds.
- Shows initiative with an ability to self-start.
- Exhibits thoroughness with a strong attention to detail.
- Actively pursues skill development and technological innovation.

**WORK ENVIRONMENT:**

- Based in our Delta, BC, office.
- Be mentored by some of the best operations and water treatment experts in the industry.
- Majority of time will be spent on job sites.
- Use of specialized PPE may be required after appropriate training.
- Work is outdoors, so appropriate clothing will be required.
- Travel will be required throughout BC and the Yukon.
- Length of shifts vary and are project specific.

Please submit your application/resume to [qmcareers@qmenv.com](mailto:qmcareers@qmenv.com) with “**Water Tech**” on the subject line.

For more information on QM Environmental and our career opportunities, please visit: [www.qmenv.com](http://www.qmenv.com)

Thank you!