



## Job Description

**Position:** Wastewater Treatment Designer

### About Us

Waterloo Biofilter Systems Inc. is a Canadian owned and operated company that develops, manufactures, and maintains advanced onsite wastewater treatment systems. Our mission is to protect soil and water resources through innovative wastewater treatment solutions and staying committed to high quality treatment, low electricity usage, and system dependability. Since 1991, our technology has proven to be the most reliable system available, and we continually strive to lead the industry in innovation and service. We pride ourselves on our outstanding team of employees who stand behind our company and our systems; not only leading the industry but providing a supportive community that allows for both personal and professional growth. Our entire team, whether on the warehouse floor, in the office, or out in the field, utilizes collaboration and teamwork alongside continuous improvement in order to get the job done right – that's The Waterloo Way.

### Roles and Responsibilities

Reporting to the Head of Engineering, the Wastewater Treatment Designer position is primarily responsible for treatment process and designs.

- Calculate system settings including sewage flows, configuration capacities, pump rates, and timers.
- Prepare system treatment process schematics.
- Review third-party designs and prepare quotes for our systems.
- Provide clarification to regulatory and permitting agencies.
- Prepare opportunity proposals and manage to completion.
- Work within our ERP software to manage and update opportunities and contacts.
- Prepare operation and maintenance manuals.
- Assist with updating design and installation manuals.

## **Requirements**

- Graduate of College or University from a Science or Technology program.
- Knowledge of onsite wastewater treatment processes.
- Understanding soil morphology and hydrogeology.
- Experience understanding and interpreting legislation and codes specifically knowledge of the Ontario Building Code (OBC) Part 8 and Ontario Ministry of Environment Conservation and Parks (MECP) sewage design guidelines is considered an asset.
- Proficiency with Microsoft Applications, specifically Word and Excel.
- Familiarity with 2D CAD software.
- Understanding and familiarity with plumbing, piping, manufacturing, and construction.
- Excellent organizational and troubleshooting skills.
- Strong attention to detail and highly organized.
- Excellent written and verbal communication.
- Ability to work independently as well as cohesively with other employees and departments.
- Critical thinking and problem solving.

## **Location and Specifics**

- Full time day shift, Monday to Friday.
  - Travel is sometimes required to attend sites or events.
- Hybrid work location between remote and our head office in Guelph ON.

## **Salary and Benefits**

- \$45,000 to \$60,000 dependent on experience.
- Full benefits package including dental, vision, and drug coverage.
- Annual bonus plan.
- RRSP matching.
- Company shut down between Christmas and New Years in addition to annual vacation time.
- Tuition support for further career growth and development.

## **Job Type**

- Full time, Permanent.