



## **The Corporation of the City of Brantford Environmental Services**

requires

### **Water Treatment Operator (Contract – Up to 18 Months)**

**Job ID# 2352**

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Situated on the picturesque Grand River, the City of Brantford is a rapidly growing community of over 100,000 residents, located in the heart of Southern Ontario with direct access to Hwy. 403 and is in close proximity to the GTHA, Waterloo and Niagara regions. As a single-tier municipality, Brantford is responsible for the full spectrum of municipal service areas. We invite you to join our #TeamBrantford corporate culture with many progressive initiatives, including our hybrid work environment. The City is committed to the professional development of our staff and invite you to come, grow with us!

The Corporation of the City Of Brantford requires a Water Treatment Operator for its Water Operations Division to operate the Holmedale Water Treatment Plant and Residual Management Facility (RMF). Reporting to the Superintendent of Water Treatment, the Water Treatment Operator will be required to: monitor, control, and respond to alarms for the water treatment process, water distribution system (reservoirs, pumping stations, and elevated tanks) and Residual Management Facility (RMF) using a Supervisory Control and Data Acquisition System (SCADA); analyze, monitor and inspect water treatment and RMF processes and equipment (pumps, motors, filters, chlorinators, thickeners etc.) to ensure processes are operating within operational guidelines and regulatory requirements; make adjustments as required to optimize the water treatment process (production levels, chemical dosing, disinfection (primary, UV and secondary) and filtration) based on interpretation of analytical data trends; make adjustments as required to optimize the RMF process (chemical dosing, sludge wasting cycles, belt press operation) based on interpretation of analytical data trends; read and record data from instruments that measure plant chemicals flows, production flows, reservoir and tank levels, chlorine, turbidity, pressure and other important parameter; conduct routine water quality analyses at the water treatment laboratory (chlorine, UV254, pH, ammonia, total suspended solids (TSS) etc.); work within a shift team on a 12 hour shift rotation. Coverage is required 24/7 both day and nights including weekends and statutory holiday.

### **QUALIFICATIONS**

- Two (2) year Community College Diploma in Chemical, Environmental or Civil Engineering Technician/Technologist or an equivalent related discipline.
- Applicant must have a valid Ministry of Environment, Conservation and Parks (MECP) Water Treatment Class OIT or higher.
- Working knowledge of the following legislation, regulations, or requirements, including but not limited to the following as it relates to a Class IV Water Treatment subsystem: Safe Drinking Water Act, 2002, O.Reg. 169/03, Ontario Drinking Water Quality Standards, O.Reg. 170/03, Drinking Water System, O.Reg. 128/04, Certification of Drinking Water System Operators and Water Quality Analysts, Procedure for Disinfection of Drinking Water in Ontario, Working knowledge of Drinking Water Quality Management Standard (DWQMS), Municipal Drinking Water Licences (MDWL) Drinking Water Works Permits (DWWP).
- Identify problems, develop and evaluate options and implement solutions utilizing reason, judgment, and prescribed resources.
- Interpret and analyze data, identify challenges or opportunities, and make recommendations.

- Interpret and apply policies and procedures and use reason and judgment to develop conclusions or solutions to problems.
- Perform in a manner which is consistent with corporate and division goals, vision, mission, and values.
- Intermediate time management, organizational, record-keeping, written communication, interpersonal, verbal communication, analytical, problem-solving and leadership skills.
- Basic computer literacy utilizing Microsoft Office Suite (Excel, Outlook, PowerPoint, and Word), SCADA (iFIX), Microsoft Sharepoint and the Internet.
- Exert effort to lift, push, pull, or carry objects for short periods of time.
- Bend, crouch, and kneel as well as a combination of sitting, standing and walking.
- Fulfill role of Operator in Charge (OIC) and Overall Responsible Operator (ORO) when appropriately licensed and trained.
- Valid Ontario Class "G" Driver's Licence in good standing.

**WAGE/SALARY RANGE:** \$33.32 to \$41.16 per hour (based on a 40 hour work week) plus benefits.

To apply on-line, please visit the City of Brantford website at <https://brantford.ca/careers> and click on **Current Opportunities**.

Closing date for applications: **Thursday, May 29, 2025, at 4:30 p.m.**

Information gathered relative to this position will only be used for candidate selection.

We thank each applicant for taking the time and effort to submit your resume, however, only candidates to be interviewed will be contacted.

Our organization is committed to promoting the independence, dignity, integration, and equality of opportunity of persons with disabilities by ensuring the accessibility of our facilities and services. Accommodations are available for all parts of the recruitment and selection process. Applicants need to make their required accommodations known in advance.