



Make working for
The City work for you.



Junior Operator, Water Treatment Plant (WTP)

If you are committed to public service, enjoy collaborating with others, share our values and have a desire to learn and grow, join [The City of Calgary](#). City employees deliver the services, run the programs and operate the facilities which make a difference in our community. We support work-life balance, promote physical and psychological safety, and offer competitive wages, pensions, and [benefits](#). Together we make Calgary a great place to make a living, a great place to make a life.

The City is committed to fostering a respectful, inclusive and equitable workplace which is representative of the community we serve. We welcome those who have demonstrated a commitment to upholding the values of equity, diversity, inclusion, anti-racism and reconciliation. Applications are encouraged from members of groups that are historically disadvantaged and underrepresented. Accommodations are available during the hiring process, upon request.

As a Junior Operator, you will take direction from senior operators and work in collaboration with other operators, groups and interested parties. You will provide a supporting role that completes a wide variety of labour and general maintenance work. Primary duties include:

- Assist the Intermediate Operator in performing "hands on" operation of treatment plant equipment (such as: pumps, valves and set points).
- Monitor computer control systems to determine system status, control various plant processes, and shut down plant sections in response to emergencies.
- Receive and store plant chemicals, change chemical containers, position totes and bags in operational position, and complete chemical inventories.
- Provide support in operating control valves manually that control sections of the plant, including: pre-treatment, residuals treatment, de-chlorination systems, and filter beds.
- Control and optimize filter-bed performance using computer controls while completing visual inspections and troubleshooting system upsets, refereeing usual results to Senior Plant Operators.
- Produce potable water meeting internal City of Calgary standards and as outlined by Alberta Environmental (AENV) Approval to Operate.
- Train for and relieve at higher operating levels, as necessary.

Qualifications

- A High School diploma or equivalency (e.g. GED).
- At least 1 year of post-secondary education in a field related to water or wastewater treatment, or the equivalent 45 Continued Education Units (equivalent to 1 year of full-time study), as recognized by Alberta Environment is required.
- A valid Class 5 Driver's License (or provincial equivalent) with no more than 6 demerits, or a Graduated Driver's License (GDL) with no more than 4 demerits, with no current suspensions or charges pending.
- Preference will be given to applicants who possess an Alberta (or provincial equivalent) Environmental Certificate of Qualification in Water Treatment.
- A completed certificate from a 1 or 2 year, full-time study program in a related field will be considered an asset.
- Success in this position requires attention to detail and the ability to communicate effectively.

Working Conditions: This position works in a water treatment plant, where Personal Protective Equipment (PPE) is required. Work is physically demanding and involves working in difficult conditions and inclement weather. This position also operates equipment (such as an overhead crane) and works with chemicals.

Pre-employment Requirements

- A security clearance will be conducted.
- Applicants will be tested for appropriate skills.
- Must obtain a City of Calgary [operator's permit](#)
- Successful applicants must provide proof of qualifications.

Union: CUPE Local 37
Position Type: 5 Permanent
Compensation: \$37.48 per hour
Hours of work: Non-standard 38-hour work week
Audience: Internal/External

Business Unit: Water Services
Location: Various
Days of Work: This position works a rotating shift of maximum 12-hour duration, including weekends.
Apply By: October 24, 2025
Job ID #: 312703

Apply online at www.calgary.ca/careers