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Senior Operator, Drinking Water Distribution (DWD) Operations & Maintenance

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](https://www.calgary.ca). 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.

The Senior Operator is the lead operator for the repair, replacement, installation, and maintenance activities within the water distribution system. This position leads on site to analyze and determine course of action for complex activities where there is a risk to water quality and/or public health. Their knowledge of the system as a whole and the site-specific conditions is imperative to the decision-making process. This position is the "Field Expert" role on the water system.

As a Senior Operator you will be assigned lead operator (partnered appropriately with an Intermediate Operator, Junior Operator and/or Utility Worker) for medium to high risk operations and maintenance activities on the water distribution and transmission system. Primary duties include:

- Perform operations, maintenance and repair activities on the drinking water system.
- Assess site-specific conditions to conduct an analysis of risks, impacts, safety, dependencies, resourcing.
- Use sources of information including legislative and regulatory standards to develop and apply solutions.
- Plan, organize and delegate maintenance activities to the appropriate personnel to ensure system is maintained according to legislative and regulatory standards.
- Ensure the work is compliant with standards, regulations and best practices.
- Provide coaching and mentoring on maintenance activities for intermediate and junior operators. Report to supervisors and leaders on crew performance and development.
- Monitor work done on the system, provide feedback for system and process improvements.
- Other duties as assigned.

Qualifications

- A High School Diploma or equivalent (e.g., GED) and Level 2 Water Distribution Operator Certification.
- At least 6 years of related experience in water distribution system in a water utility with increasing levels of responsibility. Experience must include a combination of the following:
 - Ability to plan and implement shutdown and bypass activities (pumping) on all parts of the water distribution system.
 - Ability to perform pressure tests, fire flow tests and set PRVs.
 - Ability to perform disinfection of water mains (including calculating required chlorine concentrations in ppm).
 - Plan and perform all aspects of return to service activities (including sample collection).
 - Demonstrated understanding of water quality issues (including how to plan from investigation through to resolution).
 - Ability to replace/repair/install various types/sizes of water mains and services (with understanding of the practices and procedures required to protect the water system).
 - Ability to replace/repair/install various types/sizes of water valves.
- A valid Class 5 Driver's License (or provincial equivalent), with no more than 6 demerits and no current suspensions or charges pending.
- A valid City of Calgary [operator's permit](#) will be considered an asset.
- Ability to use software and desktop or remote devices.
- Success in this position required interpersonal skills and adaptableness.

Working Conditions: Primarily outside at field locations including excavation sites, manholes, residential streets, above and below ground.

Pre-employment Requirements

- A security clearance will be conducted.
- Successful applicants must provide proof of qualifications.

Note: This posting may be used to fill similar positions within the work unit.

Union: CUPE Local 37
Position Type: 3 Permanent
Compensation: \$42.79 – 47.42 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 12 hour rotating shifts providing 24/7 coverage.
Apply By: July 7, 2025
Job ID #: 312156

Apply online at www.calgary.ca/careers