



ALMAQUIN  
ENTERPRISES LIMITED

**Site Water and Wastewater Operator  
Various Locations in the Canadian Arctic**

<https://www.almaquin.com/careers>

## Job Summary

We are seeking a certified Site Water and Wastewater Operator to join our team in the Arctic. As a key member of our operations, you will be responsible for ensuring the safe and efficient operation of water treatment and wastewater treatment systems. Your expertise will contribute to maintaining clean and safe water supplies, protecting the environment, and providing essential services to communities in remote areas.

## Responsibilities

**Operation and Maintenance:** Operate, monitor, and maintain water treatment and wastewater treatment systems according to established standard operating procedures (SOPs) and regulations, ensuring compliance with safety and environmental standards. Operate valves and gates either manually or by remote control, start and stop pumps to control and adjust flow and treatment processes. Make operating decisions in the absence of supervisory personnel.

**System Inspections:** Conduct regular inspections of water and wastewater facilities, including pumps, tanks, filters, and gauges, meters, and control panels to identify and address potential issues or malfunctions promptly.

**Water Testing:** Collect water samples, perform routine water quality tests, and analyze data to ensure compliance with regulatory requirements and take appropriate corrective actions if necessary. Coordinate the submission of samples to accredited laboratories that require analyses that cannot be completed on site.

**Emergency Response:** Respond to and resolve emergencies, such as power outages, equipment failures, and chemical spills, ensuring minimal disruption to the water and wastewater treatment processes. Respond to all alarms in timely manner.

**Record-Keeping:** Maintain accurate and detailed records of operational data (flow measurements, operations, equipment calibrations, analytical reports, operational performance, chain of custody forms, and sludge management), maintenance activities, and regulatory compliance reports, using appropriate software systems. Report the status of the continuous system plant to the site authority weekly.

**Troubleshooting and Repairs:** Identify equipment malfunctions and perform basic troubleshooting and repairs, escalating complex issues to the appropriate personnel for resolution.

**Compliance and Reporting:** Stay up to date with regulatory requirements and ensure compliance with all applicable laws and regulations. Prepare and submit regulatory reports as required. Report all emergencies or non-compliance to the site authority immediately.

**Safety and Training:** Follow all safety protocols and guidelines to maintain a safe work environment. Participate in ongoing training programs to enhance technical knowledge and stay updated on industry best practices.

**Team Collaboration:** Collaborate effectively with other team members, including operators, technicians, and supervisors, to achieve operational goals and maintain high standards of performance.

## Qualifications

**Education:** High school diploma or equivalent. Post-secondary education in water/wastewater treatment, environmental sciences, or a related field is preferred.

**Certification:** Valid certification as a Water and Wastewater Operator with willingness to advance certification within a specified period. Higher certified operators will be responsible for project initiation, site assessments and training.

**Experience:** Minimum of 2-3 years of experience in operating and maintaining water and wastewater treatment systems, preferably in a remote or isolated location.

**Knowledge:** Strong understanding of water treatment and wastewater treatment processes, including knowledge of pumps, filters, disinfection methods, and chemical handling.

**Technical Skills:** Proficient in using computerized systems for data entry, record-keeping, and operational monitoring. Ability to use hand and power tools for basic repairs and maintenance tasks.

**Problem-Solving Abilities:** Demonstrated ability to identify, troubleshoot, and resolve operational issues efficiently and effectively.

**Communication:** Excellent verbal and written communication skills to effectively interact with team members, regulators, and other stakeholders.

**Physical Stamina:** Ability to work in physically demanding conditions, including outdoor work, lifting heavy equipment, and standing for extended periods.

**Flexibility:** Willingness to work on a rotational schedule in remote locations with minimal supervision, adhering to strict protocols and procedures.

## Compensation

We offer a base pay of \$30/hour plus uplift based on certification levels as shown in the table below. Amounts going horizontally across each discipline are not cumulative. This pay scale is for remote locations. A comparable, but more equally distributed wage scale exists for municipality operations.

	Class I	Class II	Class III	Class IV
Water Treatment	\$ 7.50	\$ 10.00	\$ 15.00	\$ 25.00
Water Distribution	\$ 1.50	\$ 2.00	\$ 3.00	\$ 5.00
Wastewater Treatment	\$ 7.50	\$ 10.00	\$ 15.00	\$ 25.00
Wastewater Collection	\$ 1.50	\$ 2.00	\$ 3.00	\$ 5.00

As an example, a certified operator with WT3/WD3/WWT2/WWC1 would earn \$30 (base) + \$15 (WT3) + \$3 (WD3) + \$10 (WWT2) + \$1.50 (WWC1) = \$59.50 per hour.

Please forward applications to [hr@almaquin.com](mailto:hr@almaquin.com)

We thank all applicants for applying; however, only those being considered for an interview will be contacted.

**Note:** This job description is intended to provide a general overview of the responsibilities and qualifications required for the position. It is not exhaustive and may be subject to change based on organizational needs.