



The Town of Yarmouth is currently accepting application for two vacancies.

Water Treatment Plant Operator

The Water Treatment Plant Operator is responsible for performing operational duties at the Town's Class III Water Treatment Plant. This includes monitoring water quality within the facility, the distribution system, and the watershed. Responsibilities involve the operation, maintenance, and calibration of all treatment-related systems such as mechanical, electrical, HVAC, SCADA, chemical feed systems, pumps, and laboratory analyses. This position works as part of a team of operators and reports directly to the Chief Operator of the Water Treatment Plant

Wastewater Treatment Plant Operator

The Wastewater Treatment Plant Operator is responsible for operating and maintaining a Class II Wastewater Treatment Plant with anaerobic digestion and chlorination/dechlorination systems. Duties include monitoring and repairing mechanical, electrical, HVAC, SCADA, chemical feed systems, and laboratory analyses, as well as overseeing operations at associated lift stations. This position works as part of a team of operators and reports directly to the Chief Operator of the Wastewater Treatment Plant.

Qualifications

- Completion of a two-year technical program in Water Resources Technology, Environmental Science, or an accredited Water Operator Training Program
- Completion of Operator-in-Training Water Treatment Certificate
- Demonstrated mechanical ability and experience.
- You must be physically fit in order to open and close valves, climb and descent ladders, lift heavy loads, etc.
- Possess a valid driver's license.

Consideration may also be given to applicants who hold a license in a related trade with at least four (4) years of practical experience and have completed relevant coursework in water or wastewater treatment.

Compensation

Salary and benefits are in accordance with the CUPE Local 2530 Collective Agreement.

Join Our Team!

- Permanent Full-time
- Comprehensive health benefits package
- Defined benefit pension plan – Nova Scotia Public Service Superannuation Plan
- Employer cost shared Mariners on Main fitness facility membership

How to Apply

Please apply by submitting a cover letter and resume by email to jobs@townofyarmouth.ca or in writing to Human Resources, 400 Main Street, Yarmouth, Nova Scotia B5A 1G2.

The Town of Yarmouth is an Equal Opportunity Employer. We welcome applications from Indigenous People, African Nova Scotian's and other racially visible people, persons with disabilities, members of the LGBTQ+ community, and women in occupations or positions where they are underrepresented.

We thank all applicants for their interest; however, only those selected for an interview will be contacted.



Position Description

Position Title: **Wastewater Treatment Plant Operator**

Reports to: Chief Waste Water Treatment Plant Operator

Status: Regular Full-time

Department: Wastewater Treatment

Hours of work: 8:00am to 4:30pm

Updated: June 2025

SCOPE

This position will include work activities associated with operation of a class II wastewater treatment plant with anaerobic digestion and a chlorination/de-chlorination. This treatment plant is a continuous operation, treating wastewater from the Town of Yarmouth and surrounding community.

MINIMUM QUALIFICATIONS

The ideal candidate will have the following minimum qualifications:

- Completion of a 2 technical program related to Water Treatment;
- Completion of Operator-in-Training Water Treatment Certificate;
- Demonstrated mechanical ability
- Must be physically fit in order to open and close valves, climb and descend ladder, lift heavy loads.
- Possess a valid driver's license

ROLES AND RESPONSIBILITIES

- Operation, monitoring, maintenance, and repair of all related mechanical, electrical, HVAC, SCADA, chemical feed systems, and associated lift stations
- Utilizes and employs standard best practices of waste water treatment theory and technology during daily operations
- Conducts daily operational activities as required to ensure waste water effluent quality meets municipal and regulatory requirements

- Conducts a daily complete plant inspection, including all Supervisory control and Data Acquisition (SCADA) information
- Records information during plant inspection from flow meters, chemical metering equipment, gauges, status monitors, equipment status, etc., on standard check lists
- Reports problems found, or areas needing attention, to the Chief Operator
- Troubleshoot and repair equipment according to best standards of practice, and using manufacturer's manuals for recommended procedures as required, when problems are identified
- Conducts daily quality analyses on wastewater influent/effluent as per the operating permit and as necessary to monitor treatment status, and adjust operations as required
- Conduct regular calibrations of chemical feed equipment to verify feed rates are at target set points
- Conduct regular calibrations of all inline instrumentation to verify accuracy of key quality indicating parameters
- Adjust chemical dosages as required to attain treatment targets
- Determine and maintain proper wet well levels and associated pump flow rates to meet target detention times
- Daily operational requirements will include conducting troubleshooting activities as necessary to ensure proper efficient equipment function
- Collect representative waste water samples both in plant and at various key points including final effluent to monitor treatment efficiency
- Check the associated lift stations daily and report problems found to the chief operator
- Ensure daily treatment activities are conducted to meet operational targets and that treated waste water is meeting quality targets as set by the Chief Operator
- Maintain all required records and logs such as influent/effluent flow rates, operational activities, monitoring, and adjustments, equipment maintenance, and lift stations status
- Conduct routine preventive maintenance on plant equipment including mechanical and electrical work, cleaning, lubricating and replacing equipment parts
- Regularly conduct routine building and grounds maintenance as needed, including snow plowing, building cleaning, etc.
- Meet with outside contractors as necessary to allow supervised access and to provide information when required
- Regularly ascertain and report, required repair parts and tools as needed
- Must be available for, and willing to, work overtime as required, day or night all days of the week on a regular basis
- Regularly make proper and effective decisions, following plant protocols and standard practices of waste water treatment, when monitoring indicates adjustments are required to meet targets
- Operate computer control systems effectively to conduct necessary daily operational activities, adjustments, and monitoring as required

- Conduct maintenance and/or repair activities in confined spaces as required and directed
- Conduct maintenance and/or repairs as required on various hazardous chemicals delivery/storage systems while using facility personal safety equipment, and protocols
- Complies with all Occupational Health and Safety program, legislations and regulations.



Position Description

Position Title: **Water Treatment Plant Operator**

Reports to: Chief Waste Water Treatment Plant Operator

Status: Regular Full-time

Department: Water Treatment

Hours of work: 8:00am to 4:30pm

Updated: May 2019

SCOPE

This position will include but is not limited to all work activities required for operation of a class III water treatment facility and its associated treatment related delivery infrastructure that is on and off site. The water treatment process includes dissolved air floatation, with triple media filtration, and chlorination. This treatment facility is a continuous operation, ensuring safe potable water for the Town of Yarmouth and surrounding community, and will include work afterhours, weekends and holidays as required.

MINIMUM QUALIFICATIONS

The ideal candidate will have the following minimum qualifications:

- Completion of a 2-year technical program related to Water Treatment;
- Completion of Operator-in-Training Water Treatment Certificate;
- Demonstrated mechanical ability and experience
- Must be physically fit in order to open and close valves, climb and descend ladder, lift heavy loads etc.
- Possess a valid driver's license

ROLES AND RESPONSIBILITIES

- Operation, monitoring, maintenance, and repair of all related mechanical, electrical, HVAC, SCADA, chemical feed systems, and potable water treatment related delivery infrastructure
- Utilizes and employs standard best practices of water treatment theory, operation, and technology during assigned daily operations
- Conducts daily operational activities as required to ensure water effluent quality meets municipal and regulatory and federal government requirements
- Conducts and records a daily complete plant inspection, including all Supervisory control and Data Acquisition (SCADA) information
- Records information during plant inspection from flow meters, chemical metering equipment, gauges, status monitors, equipment status, etc., on standard check lists
- Reports problems found, or areas needing attention, to the Chief Operator
- Troubleshoot and repair equipment according to best standards of practice, and using manufacturer's manuals for recommended procedures as required, when problems are identified
- Conducts daily quality analyses on raw, in-treatment stream, and finished, water as per the operating permit, as assigned, and as necessary to monitor treatment status, and adjust operations as required or directed
- Conduct regular calibrations of chemical feed equipment to verify feed rates are at target set points
- Conduct regular calibrations of all inline instrumentation to verify accuracy of key quality indicating parameters
- Adjust chemical dosages as required to attain treatment targets
- Determine and maintain proper clear well levels and associated pump flow rates to meet daily demand and filter backwash requirements
- Daily operational requirements will include conducting troubleshooting activities as necessary to ensure proper efficient equipment function
- Collect representative water samples both in plant and at various key points throughout the distribution system to monitor treatment efficiency, verify water safety, and to ensure disinfection targets and compliance requirements are met as directed
- Check all remote associated water utility infrastructure daily, or as assigned, and report to the chief operator
- Ensure daily treatment activities are conducted to meet operational targets and that treated water is meeting quality targets at all times as set by the Chief Operator
- Maintain all required records and logs such as raw and finished flow rates, operational activities, monitoring, and adjustments, equipment maintenance, and water utility infrastructure status
- Conduct routine preventive maintenance on plant equipment including mechanical and electrical work, cleaning, lubricating and replacing equipment parts
- Regularly conduct routine building and grounds maintenance as needed, including snow plowing, building cleaning, etc.

- Meet with outside contractors as necessary to allow supervised access, repair/calibration work, and to provide information when required
- Regularly ascertain and report, required repair parts and tools as needed
- Must be available for, and willing to, work overtime as required, day or night all days of the week on a regular basis
- Regularly make proper and effective decisions, following plant protocols and standard practices of water treatment, when monitoring indicates adjustments are required to meet targets
- Operate computer control systems effectively to conduct necessary daily operational activities, adjustments, and monitoring as required
- Conduct maintenance and/or repair activities in confined spaces as required and directed
- Conduct maintenance and/or repairs as required on various hazardous chemicals delivery/storage systems while using facility personal safety equipment, and protocols
- Complies with all Occupational Health and Safety program, legislations and regulations.
- Will participate, maintain, and successfully achieve requirements of annual water treatment related training, to keep relevant operational certificates valid