

**CITY OF CORNER BROOK
CAREER OPPORTUNITY**

WATER TREATMENT PLANT OPERATOR II

The **City of Corner Brook** is the regional centre for government and services on the west coast of Newfoundland and Labrador. It is located at the head of the beautiful Bay of Islands, next to the UNESCO World Heritage site of Gros Morne National Park and the alpine ski resort of Marble Mountain. This community, with a population of nearly 20,000 is home to top quality sport and recreational facilities, a degree granting university campus, a thriving arts community and a wide base of services and commercial businesses. With easy access to the “back country” the area is popular with hunting and fishing enthusiasts and is a major snowmobiling destination in the winter months. Over the years, we have become known as a community of volunteers hosting numerous provincial, national and international events, including the Canada Winter Games in 1999, nine years of hosting the International Triathlon Union World Cup, the World Duathlon Championships in 2006 and most recently the 2014 Canadian National Cross Country Ski competition.

The City of Corner Brook is currently recruiting for a **Water Treatment Plant Operator II** to staff our new Dissolved Air Floatation (DAF) water treatment plant that opened in 2015. The City is interested in hearing from qualified individuals who possess a Level II (or above) water treatment certification and who are interested in a rewarding career in the beautiful Bay of Islands on the west coast of Newfoundland Labrador.

The Water Treatment Plant Operator’s (WTPO) primary responsibility is to monitor, operate and maintain the mechanical, chemical and analytical systems relating to water treatment at the new municipal facility. The WTPO is responsible for the oversight of operational procedures and ongoing monitoring, operating and maintenance of equipment relating to the treatment of the City’s potable water supply, and for safely conveying water from the municipal water treatment facility to the City’s distribution system. Responsibilities include maintaining operational standards/ records as well as technical advice relating to improvements and repairs to infrastructure and maintenance of the City’s treatment systems.

Candidates should have a high school diploma and a **minimum of Level II certificate in Water Treatment Operations** as outlined by provincial certification guidelines. General knowledge of water management systems, Canadian Drinking Water Guidelines and/or post-secondary education in water treatment, engineering, engineering technology or a related field would be an asset. Candidates must be trained and certified through the Provincial Operator Education certification program and must have experience and knowledge of standard practices, methods, chemicals and equipment relating to water treatment processes and SCADA operations.

RATE (Hourly):	\$29.77 per hour (plus \$.50 per hour certification premium)
COMPETITION NO:	2018-44
CLOSING DATE:	September 21st, 2018

Please submit résumés, **giving complete details of qualifications**, to the Human Resources Office, City of Corner Brook, P.O. Box 1080, Corner Brook, NL, A2H 6E1. Fax # (709) 637-1627; email hr@cornerbrook.com

The City of Corner Brook thanks all applicants for their interest; however, only those selected for an interview will be contacted.

City of Corner Brook

POSITION DESCRIPTION: *Water Treatment Plant Operator*

DEPARTMENT: **Operational Services (W&S Division)**

JOB SCOPE:

Under the direction of the Director of Public Works and Water and Sewer, the Water Treatment Plant Operator performs a variety of semi-skilled and skilled technical and maintenance work in the operation, maintenance and repair of treatment and pumping facilities, equipment and operating systems. The water treatment plant operator is responsible for providing safe clean drinking water to residents in accordance with federal, provincial and municipal regulations.

MAIN FUNCTIONS:

- ◆ Monitors and evaluates the performance of all process control equipment in the treatment plant, pump stations, and buildings. Records statistical data concerning plant operations, maintains, operates, repairs and replaces equipment as necessary, charts laboratory and system test results for trend analysis and maintains accurate records of analyses and test results, establishes databases and writes reports as required.
- ◆ Recommends process control, implementation procedure and efficiencies
- ◆ Monitors and operates water treatment plants using SCADA software to ensure compliance with regulatory guidelines.
- ◆ Provides the required labor to operate, maintain and repair equipment malfunctions at the plant/facility.
- ◆ Collects samples and identifies concentrations of chemical, physical or biological characteristics of the media required in accordance with Newfoundland and Labrador Provincial requirements and other approved standards.
- ◆ Performs quality control tests on lab equipment and lab analysis, evaluates procedures and results for accuracy and determines appropriate methods.
- ◆ Assures that plant/facility operates within required standards.
- ◆ Performs housekeeping chores to keep the site grounds and buildings in a clean and tidy condition.
- ◆ Contains and disposes of hazardous wastes generated by the laboratory and/or various plant operations.

Position Description: Water Treatment Plant Operator

Page - 2

- ◆ Calibrates, modifies or repairs instrumentation and control equipment including recorders, flow meters and other quality assurance monitoring equipment.
- ◆ Operates and maintains treatment equipment, pump stations, building systems, heating and cleans wet wells and operates pumps, compressors and valves to control and adjust flow and treatment process.
- ◆ Performs all duties and provides direction in compliance with established safety practices, policies and procedures.
- ◆ Performs “on call” duties as required utilizing company provided cellular phone.
- ◆ Performs other duties as assigned by supervision.
- ◆ Ability to Operate a Level III Water Treatment Plant

QUALIFICATIONS:

- ◆ Certification in Level II (minimum) Water Treatment Plant Operations and have a minimum of five (5) years of work related experience in water treatment.
- ◆ Candidates must be trained and certified through the Provincial Operator Education certification program and must have experience and knowledge of standard practices, methods, chemicals and equipment relating to water treatment processes and SCADA operations.
- ◆ General knowledge of water management systems, Canadian Drinking Water Guidelines and/or post-secondary education in water treatment, engineering, engineering technology, millwright or a related field would be an asset.
- ◆ Must possess and maintain a valid Newfoundland and Labrador Driver’s license.
- ◆ The selection process may include testing and does include a requirement that the successful candidate pass a medical and physical assessment.

KNOWLEDGE SKILLS AND ABILITIES:

- ◆ Working knowledge of equipment, facilities, materials, methods and procedures used in water treatment plant/facility maintenance and operation activities; working knowledge of laboratory procedures and practices.
- ◆ Skill in operation of process control instrumentation, small tools and related equipment.
- ◆ Ability to understand and carry out written and oral instructions. Ability to perform process control calculations, ability to work safely, ability to communicate effectively verbally and in writing, ability to establish and maintain effective working relationships with employees and other departments. Ability to work directly with the public on behalf of the City of Corner Brook in relation to inquires, complaints, sample collection etc.

Position Description: Water Treatment Plant Operator**Page - 3**

- ◆ Ability to operate computer systems with particular reference to SCADA based software (VTS) and Microsoft Office Suite software.
- ◆ Ability to climb in excess of 15 meters. Ability to lift a minimum of 25 kg.
- ◆ Ability to enter and perform various tasks within a confined space (as defined by Department of Labour standards). Ability to wear and operate self contained breathing apparatus.
- ◆ Ability to handle chemicals relative to water treatment operations in a safe prescribed manner and consistent with defined Department of Labour standards.
- ◆ Ability to complete safety training courses relating to water system operations.

COMPENSATION:

As per the CUPE 706 collective agreement. The regular work week will consist of 40 hours and may include shift work and/or weekends.