

JOB DESCRIPTION

Water/Wastewater Operator 1 or 2



DEPARTMENT:	Environmental Services
PRIMARY LOCATION:	CPCC
REPORTS TO:	Manager of Infrastructure and Sustainability
EMPLOYEE GROUP:	CUPE

JOB OVERVIEW

The Water/Wastewater Operator 1 or 2 must be a qualified Wastewater Treatment Plant or Wastewater Collection Operator Level 2 (WTP Level II or WWC Level II) through the Environmental Operator Certification Program (EOCP). The Operator will be responsible for the day-to-day operations of the wastewater treatment facility and pumping stations, and regional mains. The Water/Wastewater Operator 1 or 2 must be a conscientious individual and aware of subtle changes in plant processes and its corresponding related infrastructure.

RESPONSIBILITIES

Reporting to the Manager of Infrastructure and Sustainability or Chief Operator, the Operator 1 or 2 performs the following as required:

- Operation, repair and maintenance of Wastewater Treatment Plant equipment including, but not limited to: pumps (centrifugal, rotary lobe, positive displacement, screw, metering and others), water filtration equipment, chemical handling equipment, air compressors, air blowers, mixers, HVAC systems, piping, chlorine and chlorination equipment, back flow preventers, valves and piping systems/apparatus, instrumentation, flow metres, level metres, laboratory equipment, etc.
- Operation, repair and maintenance of Wastewater Pumping stations and their associated equipment, including, but not limited to wells, reservoirs, pressure reducing stations, etc.
- Maintenance, inspection and repair of water supply and distribution mains, and their associated components, including fire hydrant maintenance, valve replacement, brush and tree removal. Ability to read and interpret technical and engineering drawings.
- Testing, monitoring, evaluating, interpreting and logging of Water Treatment Plant data including, but not limited to: microbiology, suspended solids, pH, chlorine residual, dissolved oxygen (DO), coagulant testing, alkalinity, hardness, turbidity, etc.
- Performing janitorial duties including, but not limited to: washing, sweeping and mopping all parts of the facilities. Window washing, garbage collection and disposal, lawn and landscape maintenance. All areas are to be kept clean and as tidy as possible at all times.
- Safe use of a variety of hand and power tools. Operation of mobile compressors and dump truck.
- Operation and maintenance of leak detection and other surveillance equipment.
- Use of computers for process control and data processing. Data entry into spreadsheet programs. Uses of programs, such as MS Office (Excel, Word), SCADA systems and other remote sensing technology as required.

- Conducting wastewater Facilities tours.
- May be required to assist in other Regional District of Kootenay Boundary operations when the need arises for emergencies and special circumstances.
- Performing all duties in a safe and efficient manner. Conforming to and ensuring compliance with WorkSafeBC and Regional District of Kootenay Boundary safety regulations.
- Pursuing further education in the Wastewater field (i.e. collection and treatment).
- Working well with peers and having good verbal and written communication skills. Is able to sometimes work alone, or unsupervised for indefinite periods when the need arises.
- Addressing enquiries from the public in a courteous manner and referring other public enquires to appropriate personnel.
- Other duties as assigned.

SELECTION CRITERIA

The required qualifications, experience and training for this position include:

- Maintain, at a minimum, a valid Class 5 B.C. Driver's Licence.
- WWTP or WWC Level II certification through the EOCP.
- Successfully complete additional EOCP Wastewater Treatment / Wastewater Collections operator certification / examination, pursuant to the needs of the RDKB.
- Minimum Grade 12 education with strong math and communication skills.
- Completion of Water Quality program at a recognized college is desirable.
- Trades certification and/or PLC experience is desirable.
- Current first aid certificate is desirable.

The required knowledge, skills and abilities for this position include:

- Working knowledge of wastewater distribution systems and components. Certification through EOCP in wastewater collection is desirable.
- Good physical condition and capable of handling heavy equipment.
- Able to work in an environment related to water treatment and other public works utilities.
- Good mechanical aptitude.
- General and specialized computer skills.