

The City of Trail

JOB DESCRIPTION

TITLE: WATER TREATMENT PLANT OPERATOR

DEPARTMENT: PUBLIC WORKS

REPORTS TO: UTILITIES SUPERVISOR

⇒ *This position is within the Bargaining Unit - CUPE, Local 2087*

POSITION SUMMARY:

The Water Treatment Plant Operator is responsible for the day-to-day operation of a level III water treatment plant and associated pumping stations and wells.

SPECIFIC DUTIES:

Under the direction of the Utilities Supervisor or other designated individual, performs the following, as required.

1. Operation, maintenance of Water Treatment Plant equipment including, but not limited to:
 - pumps (centrifugal, rotary lobe, positive displacement, screw centrifugal, metering and others), water filtration equipment, chemical handling equipment, supply mains, wells, reservoirs, air compressors, air blowers, mixers, HVAC systems, piping, chlorine and chlorination equipment, back flow preventers, valves and piping systems, instrumentation (excluding electrical components), flow meters, level meters, laboratory equipment, etc.
2. Testing, monitoring, evaluating, interpreting and logging of Water Treatment Plant data including, but not limited to:
 - suspended solids, pH, chlorine residual, Dissolved Oxygen, coagulant testing, etc., alkalinity, hardness and turbidity.
3. Performs janitorial duties including, but not limited to:
 - washing, sweeping and mopping all parts of the Water Treatment Plant, Booster Stations and Reservoirs. Window washing, snow removal, garbage collection and disposal, lawn and landscape maintenance. All areas are to be kept as clean and tidy as possible at all times.

4. Safe use of a variety of hand and power tools. Operation of equipment such as mobile forklift, loader and bucket truck as needed in day-to-day duties.
5. Use of computers for process control and data processing. Data entry into spreadsheet programs. Use of programs including, but not limited to: Excel, SCADA systems and word processors.
6. Conducts plant tours.
7. Other duties, as assigned.
8. Performs all duties in a safe and efficient manner. Conforms to Work Safe BC and City of Trail Safety Regulations. Attends Safety Meetings, as assigned.
9. Communicates with the public in a courteous and polite manner. Investigates enquiries and complaints on water supply. Refers other public enquiries to appropriate personnel.

QUALIFICATIONS:

1. Valid Class 5 British Columbia Driver Licence with air endorsement.
2. Water Treatment Plant Operator certification Level II with Environmental Operator Certification Program. Level III within two years.
3. Must be in good physical condition and capable of handling heavy equipment.
4. Must be able to work in an environment related to water treatment.
5. Must have good mechanical aptitude.
6. Must have a minimum Grade 12 education with demonstrated strong math and communication skills.
7. Must have an interest in pursuing further education in the water treatment field.
8. It is desirable to have computer skills.
9. Ability to read and interpret water treatment and distribution blue prints.

WAGES:

Pay grade commensurate of EOCP qualification level in accordance with the collective agreement.

HOURS OF WORK:

Hours of work will be based upon shifts as well as 7:00 a.m. to 3:30 p.m., as circumstances arise. Overtime and callouts as required. Weekly schedules may vary.

Approved by:

CUPE, Local 2087 representative

City of Trail representative

Date _____

Date _____

October, 2007

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