



JOB DESCRIPTION

Water Supply Technician I, II or III

Title	Water Supply Technician I, II, or III	Pay Grade	09 – 13 Outside - dependent on EOCP Level of Certification
Department	Works and Infrastructure	Location	Water Treatment Plant
Supervisor	Manager of Water Utilities	Reviewed	March 2021

Nature and Scope of Work

Under the supervision of the Water Division Chief Operators, the Water Supply Technician assists in the operation, maintenance, and administration of the District's water systems, watersheds, treatment facilities, and associated appurtenances.

Duties

1. Installs, operates, maintains, inspects and monitors the operation of heavy motors and pumps at pumphouses and Treatment Plant.
2. Installs, operates, maintains, inspects and monitors the operation of pressure reducing valves, pressure reducing stations, booster stations, reservoirs, and screening chambers.
3. Installs, repairs, maintains and calibrates monitoring equipment.
4. Records measurements and maintains detailed statistical data such as reservoir seepage, stream flow readings, snow surveys and dam inspections.
5. Changes chlorine tanks and responds to emergency chlorine leaks including the use of SCBA and level 'A' chemical suits.
6. Checks valves and controls on a regular basis and repairs when required.
7. Performs sampling and laboratory tests of plant treatment processes and distribution systems to ensure standards compliance.
8. Compiles data and produces water quality reports for Interior Health.
9. Maintains buildings, pumphouses and PRV stations (cleaning, painting, and minor repairs)
10. Performs other related work as required.

Required Skills and Knowledge

1. Thorough knowledge of the safe operation and maintenance practices and procedures related to machinery.
2. Thorough knowledge of hydraulics, water pumps and pressure reducing valves.
3. Thorough knowledge of mechanical and low voltage electrical aspects of pumps and pump drives.
4. Considerable knowledge of the operation and maintenance of water chlorination equipment.
5. Work comfortably in an SCBA and in a full chlorine suit.
6. Working knowledge of the installation and removal of pressure reducing valves and controls.
7. Working knowledge of stream flow monitoring and dam inspections.
8. Ability to maintain detailed statistical records.
9. Ability to read blueprints and sketches.

Required Qualifications

1. EOCP certification in Water Distribution and/or Water Treatment at EOCP Level I, II, or III.
2. Completion of an accredited post-secondary program in Water Quality Technology (or equivalent), plus related municipal experience and training in water treatment and or water distribution systems is required.
3. BC or AWWA Chlorine Handling and Safety Certification is considered an asset.
4. A valid B.C. Driver's Licence – Class 5.

Hours of Work

1. Hours of work in accordance with the CUPE Collective Agreement.
2. Overtime, callouts, and standby as required to meet operational needs.