



JOB DESCRIPTION

Title	Water Technician	Pay Grade	EOCP Level 1 – 09 Outside EOCP Level 2 – 10 Outside EOCP Level 3 – 13 Outside EOCP Level 4 – 15 Outside
Department	Utilities	Location	Water Treatment Plant
Supervisor	Manager of Water Utilities	Reviewed	May 2024

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.

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, pumphouses, 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. Required to be on call and work weekends when assigned and be available to respond to call outs.
11. Perform maintenance activities daily, monthly, and annually at plant and pump stations in accordance with established maintenance procedures.
12. Work with contractors and tradespeople.
13. Perform related duties as assigned.

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.
10. Ability to operate a variety of hand tools, machinery, vehicles, and equipment.

Required Qualifications, Training, and Experience

1. EOCP certification in Water Treatment at EOCP Level 1, 2, 3, or 4.
2. Completion of an accredited post-secondary program in Water/Wastewater Technology (or equivalent), plus related municipal experience and training in water treatment is preferred.
3. First Aid certification.
4. Chlorine Handling Certification is considered an asset.
5. Confined space training is considered an asset.
6. Experience with Microsoft Word and Excel.
7. A valid B.C. Driver's Licence – Class 5.

Hours of Work

1. Remuneration in accordance with Schedule 'A' of the CUPE Local 1136 Collective Agreement.
2. Overtime, callouts, and standby as required in accordance with the CUPE Collective Agreement.