

UTILITY OPERATOR II

1. Nature and Scope of Work

This is skilled operational work related to the installation, maintenance and servicing of municipal infrastructure, primarily concerned with utilities. An incumbent performs tasks involved in water supply system facilities including, PRV stations, pump stations, transmission mains, valve and meter chambers as well as wastewater collection and drainage systems facilities including pumping stations such as dike and sanitary, sanitary/storm sewers, culverts, drainage ditches, water courses, manholes, non-mechanical bar screens, emergency generators, and odour control equipment. An incumbent responds to service requests and emergency trouble calls related to water, sanitary, and storm including services, mains, manholes, and valves; performs skilled pipelaying and pipefitting tasks; operates equipment such as a backhoe or tandem dump truck; and provides direction to subordinates performing less skilled work. The work is differentiated by that of the Utility Operator I based on the incumbent holding EOCP certification Level II in Water Distribution and holding EOCP certification Level II in Wastewater Collections or equivalent. Verbal and written instructions, which may be accompanied by plans, specifications or layouts, are received from a superior who checks work performance for attainment of desired objectives.

2. Illustrative Examples of Work

Performs a wide variety of monitoring, operations and maintenance tasks related to water transmission, wastewater collection, and drainage systems including PRV stations, pump stations, transmission mains, valve and meter chambers; and assists in all aspects of the operation and maintenance of these systems.

Performs a wide variety of tasks involved in the operation, monitoring and maintenance of wastewater collection and drainage systems facilities including but not limited to pumping stations such as dike and sanitary, sanitary/storm sewers, culverts, drainage ditches, water courses, manholes, non-mechanical bar screens, emergency generators and odour control equipment.

Maintains, cleans, operates, tests, and performs routine repairs or makes adjustments to items such as pumps, valves, hydrants, pressure-reducing valves (PRV), trash screens, recording devices and controls.

Performs skilled pipelaying and pipefitting tasks on water, sanitary and storm mains, and related projects including the installation of fire hydrants and water meters.

Performs maintenance tasks such as pipeline inspection, water main flushing, gravel, debris and windfall removal, brush cutting and bank repairs.

Performs inspection and system maintenance, sanitary/storm sewers cleaning, alterations, minor repairs and lubrications of equipment such as pumps, motors, valves, process control instruments.

Performs construction duties such as pipeline leak repairs, raising and rebuilding of manholes, water line and sanitary/storm connections, water course rehabilitation and road building.

Operates blacktop front end rollers, demolition saws, chain saws, pneumatic tools, air tools, pipe tapping tools, weed eaters, lawn mowers, backpack blowers, asbestos pipe cutters and hand tools.

Responds to service requests and emergency trouble calls related to water, sanitary, and storm including services, mains, manholes, and valves.

Lays out, assists in and provides direction to one or more subordinates performing the less complex aspects of installing water, sanitary and sewer services to residential and commercial properties.

Operates a tandem axle truck (GVW 43,000 lbs.) and a backhoe front-end loader in the loading and unloading of a variety of materials, tools and equipment.

Operates tandem and single axle trucks equipped with sanders and snowploughs and performs minor servicing.

Performs general repairs such as housekeeping, painting, mowing and weed whacking as required.

Ensures all work carried out adheres to and is in compliance with all WorkSafeBC and City safety policies/procedures; and advises superior of situations requiring review.

Performs related work as required.

3. Required Knowledge, Abilities and Skills

Considerable knowledge of the methods, practices, procedures, materials, tools and equipment used in the work.

Considerable knowledge of the hazards, safety precautions and environmental regulations applicable to the work.

Sound knowledge of the water and sanitary and storm sewer distribution and collection systems as it relates to the work performed.

Sound knowledge of the rules and regulations governing the work.

Ability to perform maintenance inspections.

Ability to operate power and pneumatic tools.

Ability to understand and carry out oral and written instructions, to read engineering drawings, plans and layouts; and to assist a superior in complex and technical repair and servicing tasks.

Ability to work under minimal supervision.

Ability to work shift work as required.

Skill in the use of computer applications related to the work.

Skill in the operating vehicles and equipment used in the work.

Skill in the use and care of tools used in the work.

Sufficient physical strength and coordination to perform heavy manual work outdoors in all weather.

4. Desirable Training and Experience

Grade 12 or equivalent, supplemented by courses such as supervision, civil and mechanical technology, computers, electrical or instrumentation, plus considerable experience as a Truck Driver in general maintenance and construction work, as well as considerable experience in water system operations and maintenance and wastewater system operations and maintenance; or an equivalent combination of training and experience.

5. Required Licences, Certifications and Registrations

Class 3 Driver's Licence with Air Endorsement for the Province of British Columbia.

EOCP Wastewater Collection – Level II.

EOCP Water Distribution – Level II.