

UTILITY TECHNICIAN II

EXEMPT (Y/N): No	DIVISION: Utility Services
SALARY LEVEL: Grid 1, Band 14	DEPARTMENT: Infrastructure Services
SHIFT: Day	SUPERVISOR: Water Technician Coordinator
LOCATION: Outside	
APPROVED BY: Manager, Utility Services	DATE: Dec 2021
<i>Replaces: Utility Technician II</i>	<i>DATE: Sept 2021</i>

SUMMARY: Under the general direction of the Water Technician Coordinator or designate, the Utility Technician II ensures the efficient and continuous supply and treatment of potable water to the Sunshine Coast Regional District, and the efficient and effective treatment of the Sunshine Coast Regional District’s sanitary sewer systems. Work is performed to ensure that service delivery meets the expectations of internal and external customers, in accordance with the appropriate regulatory and licence requirements.

KEY RESPONSIBILITIES *include:*

1. To perform procedures required for the operation, monitoring and maintenance of the Sunshine Coast Regional District potable water systems, waste water treatment facilities and sanitary sewer collection systems.
2. To monitor and ensure that the quality of waste water effluent discharged and the potable water distributed are consistently within established quality parameters.
3. To perform administrative tasks associated with the key responsibilities, such as performing data input to water monitoring system and checking on parts.
4. To respond to public concerns or requests for information and initiate remedial action when necessary.
5. To ensure compliance with SCRD policies, bylaws, and the Workers' Compensation Act and OHS regulations.
6. To maintain up to date knowledge of the Workers Compensation Act and OHS Regulations applicable to the work being supervised; to comply with and promote safe work practices and procedures in order to promote a safe and healthy work environment.

TYPICAL ACTIVITIES *include:*

1. Inspects, operates, adjusts, replaces and performs routine maintenance on all facilities, pumps, motors, electrical equipment, level controls, metres, and regulating equipment in such structures as the water intakes, pumping stations, wells, chlorinating stations, water treatment and wastewater treatment facilities and valve chambers.
2. Reads flow metres, gauges and other recording instruments to measure water output and consumption levels, and chlorine levels.
3. Monitors the SCADA alarm system.
4. Collects and tests water and waste water samples as required. Prepares samples for shipping to laboratories for external analysis.
5. Prepares daily, monthly and annual records of the water distribution system, gravity systems, booster pumping stations, water treatment plants, and deep wells.
6. Required to respond to off-shift emergency calls, and is scheduled as part of a rotation to provide

coverage seven days per week.

7. May perform Utility Operator duties as required.

QUALIFICATION, EDUCATION AND EXPERIENCE

- Completion of grade 12 or equivalent.
- Diploma in a directly applicable discipline such as Water or Waste Water Treatment from a recognized institution or ninety (90) Continuing Education Units (CEU's) recognized by the EOCP.
- A minimum of five (5) years' experience in water and waste water operations, preferably in local government, and two (2) years' Direct Responsible Charge (DRC) at a Class II or higher system/facility.
- Preference will be given to (4) years of post-secondary training/education in a directly applicable discipline such as Water or Waste Water Treatment from a recognized institution or 180 Continuing Education Units (CEU's), supplemented by a minimum of four (4) years' experience (minimum 7,200 hours) in water, waste water construction and/or operations, inclusive of two (2) years' Direct Responsible Charge (DRC) at a Class III or higher facility.
- Certified in the Environmental Operators Certification Program (EOCP) with a minimum of:
 - Water Treatment Level II, with Level III preferred.
 - Water Distribution Level II, with Level III preferred.
 - Wastewater Treatment Level I.
 - Certification as a Chlorine Handler.
- OFA Level I First Aid certificate with transportation endorsement, Confined Space Entry & Rescue certification, Valid fork lift certification, Transportation of Dangerous Goods (TDG) certification.
- Valid BC Class 5 driver's licence.
- Preference may be given to experience in surveying, pipefitting, plumbing, millwrighting, project coordination and layout.

OTHER SKILLS/KNOWLEDGE

- Knowledge of applicable WorkSafeBC requirements, especially confined space entry requirements and use of self-contained breathing apparatus.
- Ability to operate and maintain water treatment systems; pumping, flow and process control equipment and chlorination systems applicable to municipal operations.
- Knowledge of the principles of water chemistry, biology and physics as they relate to water distribution
- Ability to organize workload, set priorities, and work with a minimum of supervision.
- Ability to accurately record measurements, enter into database, analyse results and provide recommendations.
- Proficient using standard computer software, i.e. Microsoft Excel, Word, Outlook and SCADA systems
- Ability to communicate effectively with SCRD staff and contractors.
- Ability to work effectively as part of a team.