

UTILITY TECHNICIAN I

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**EXEMPT (Y/N):** No

**SALARY LEVEL:** Grid 1, Band 12

**SHIFT:** Day

**LOCATION:** Outside

**APPROVED BY:** Manager Utility Services

**DIVISION:** Utility Services

**DEPARTMENT:** Infrastructure Services

**SUPERVISOR:** Water Technician Coordinator

**DATE:** Dec 2021

**Replaces:** Utility Technician I

**DATE:** Sept 2021

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**SUMMARY:** Under the general direction of the Water Technician Coordinator or designate, 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 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 (SCRD) potable water systems, waste water treatment facilities and sanitary sewer collection systems.
2. To monitor and ensure that the quality of wastewater effluent discharged and the potable water distributed is 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.
5. To follow SCRD policies, bylaws, and the Workers' Compensation Act and OHS Regulations 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 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 for PH, turbidity, colour, suspended solids, chlorine residues, and prepares samples for external faecal and total coliform analysis.
5. Prepares daily, monthly and annual records of the water distribution system, 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.

## **QUALIFICATIONS, EDUCATION AND EXPERIENCE**

- Completion of grade 12 or equivalent.
- Preference may be given to a Water Treatment Level 1 certification and either completion of a post-secondary diploma in a directly applicable discipline from a recognized institution or ninety (90) Continuing Education Units (CEU's) recognized by the EOCP.
- A minimum of three (3) years' experience in water and waste water operations, preferably in local government at a Class I or higher system/facility.
- Certified in the Environmental Operators Certification Program with a minimum of:
  - Water Treatment Level 1 plus at least one other Level 1 certificate,
  - Certification as a Chlorine Handler preferred.
- 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, electrical work and layout.

## **OTHER SKILLS/KNOWLEDGE/INFORMATION**

- Knowledge of applicable WorkSafeBC requirements, especially confined space entry requirements and use of self-contained breathing apparatus.
- Demonstrated ability to operate measuring instruments, flow and process control equipment, compressors, pneumatic hammers, compactors, cutters, powered sewer augers, pumps, chain saws or other power or non-power tools.
- 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 data base, analyse results and provide recommendations.
- Experience with Microsoft Excel, Word and Outlook
- Ability to communicate effectively with SCR D staff and contractors.
- Ability to work effectively as part of a team.
- The incumbent is expected to support corporate sustainability and workplace safety objectives.