

UTILITY OPERATOR II

EXEMPT (Y/N): No**DIVISION:** Utility Services**SALARY LEVEL:** Grid 1, Band 13 (under review)**DEPARTMENT:** Infrastructure Services**SHIFT:** Day**SUPERVISOR:** Utilities Coordinator**LOCATION:** Outside**APPROVED BY:** Manager, Utility Services**DATE:** September, 2021**Replaces:** Utility Operator II**DATE:** June 2017

SUMMARY: Under the direction of the Utilities Coordinator or designate, the Utility Operator II performs directed manual and machine-assisted work necessary to construct and maintain the waste water and potable water systems owned and operated by the Sunshine Coast Regional District. 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 assist with the operation, maintenance, and/or construction of the Sunshine Coast Regional District potable water distribution, treatment plants, and supply systems or waste water systems, complying with the SCRD water and sewer subdivision servicing standards, American Water Works Association (AWWA), and all regulatory requirements.
2. To participate in laying to grade water and sewer main pipes as well as service connection pipes.
3. To participate in construction and/or installation of thrust blocks, hydrants, valves, metres, and sewer manholes.
4. May organize, train and direct both contractors and staff as required at the job site, such as equipment operators, labourers, flag persons and others.
5. To ensure Sunshine Coast Regional District policies, Occupation Health and Safety policies and all applicable WorkSafeBC and all other relevant regulatory requirements are followed.
6. To maintain up to date knowledge applicable to work being supervised, and to comply with and promote safe work practices and procedures in order to promote a safe and healthy work environment.

TYPICAL ACTIVITIES *include:*

1. Repairs, upgrades and replaces damaged pipes, hydrants, valves, metre housings, manholes, and other water works distribution related components, using heavy equipment and power tools as required.
2. Locates and investigates reported water leaks.
3. Services water hydrants and water line valves, installs services connection pipes.
4. Cleans the water intakes as required.
5. Locates all underground utilities with Metro Tech or other locating devices or contacts and facilitates with other utilities such as B.C. Hydro, Ministry of Transportation & Infrastructure (MOTI), Fortis BC, Telus, etc., who may be affected by the work.
6. Communicates with supervisory staff and management to advise work progress and discuss resolution of any problems associated with the completion of work.
7. Unloads, loads and moves supplies and equipment, complete work orders, stock-sheets, records and

field sketches.

8. Inspects, monitors and conducts minor maintenance on the potable water systems and wastewater treatment facilities.
9. Required to respond to off-shift emergency calls, and is scheduled as part of a rotation to provide coverage seven days per week.

QUALIFICATIONS, EDUCATION AND EXPERIENCE

- Completion of grade 12 or equivalent.
- A minimum of three (3) years' experience in water, waste water operations, preferably in local government at a Class I or higher system/facility.
- Certified in the Environmental Operators Certification Program (EOCP) with a minimum of:
 - Water Distribution Level II, with Level III preferred.
 - Wastewater Collection I
 - 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, with air brake and heavy trailer endorsement.
- Preference may be given to a Diploma in a directly applicable discipline such as Water or Waste Water operations from a recognized institution or ninety (90) Continuing Education Units (CEU's) recognized by the EOCP, as well as experience in surveying, pipefitting, plumbing and layout.

OTHER SKILLS/KNOWLEDGE/INFORMATION

- Knowledge of applicable WorkSafeBC requirements, especially excavations, sloping and shoring requirements.
- Competent ability to operate heavy equipment such as a backhoe and dump truck preferred.
- Demonstrated ability to operate compressors, pneumatic hammers, compactors, cutters, powered sewer augers, pumps, chain saws or other power or non-power tools.
- The incumbent is expected to support corporate sustainability and workplace safety objectives.

HEAVY EQUIPMENT OPERATOR

EXEMPT (Y/N): No**SALARY LEVEL:** Grid 1, Band 16**SHIFT:** Day**LOCATION:** Outside**APPROVED BY:** Manager, Utility Services**Replaces:** *Heavy Equipment Operator***DIVISION:** Utility Services**DEPARTMENT:** Infrastructure Services**SUPERVISOR:** Utilities Coordinator**DATE:** January 2025**DATE:** *July 2024*

SUMMARY: Under the general direction of the Utilities Coordinator or designate, the Heavy Equipment Operator performs directed and undirected manual and machine-assisted work necessary to construct and maintain the wastewater and potable water systems owned and operated by the Sunshine Coast Regional District. 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 operate and perform routine maintenance on SCRD equipment as required, including but not limited to backhoe excavator, dump truck and crane truck.
2. To maintain or construct the Sunshine Coast Regional District potable water distribution and supply systems or wastewater systems, complying with the SCRD water and sewer subdivision servicing standards, American Water Works Association (AWWA), and all regulatory requirements.
3. To participate in laying to grade water and sewer main pipes as well as service connection pipes.
4. To participate in construction and/or installation of thrust blocks, hydrants, valves, metres, and sewer manholes.
5. To organize the necessary manpower, vehicles, equipment, tools and parts needed to complete work orders or delegate work assignments.
6. May organize, train, guide the work and review the performance of staff and contractors most of the time which may include equipment operators, labourers, flag persons and other staff as required at the job site(s).
7. To assist with the operation, monitoring and maintenance of all Sunshine Coast Regional District water/ wastewater treatment facilities and distribution/ collection systems.
8. To ensure Sunshine Coast Regional District policies, Occupation Health and Safety policies and all applicable WorkSafeBC and all other relevant regulatory requirements are followed.
9. To maintain up to date knowledge applicable to work being supervised, and to comply with and promote safe work practices and procedures in order to promote a safe and healthy work environment.

TYPICAL ACTIVITIES *include:*

1. Repairs, upgrades and replaces damaged pipes, hydrants, valves, metre housings, manholes, and other water works distribution related components, using heavy equipment and power tools as required.
2. Vacates machine and lead and/or assist crew with job, as required.
3. Searches and locates reported water leaks and repair water mains, valves or outlets.

4. Services water hydrants and water line valves, installs services connection pipes.
5. Cleans the water intakes as required.
6. Locates all underground utilities with Metro Tech or other locate devices or contacts and facilitates with other utilities such as B.C. Hydro, Ministry of Highways & Infrastructure, Fortis BC, Telus, etc., who may be affected by the work.
7. Communicates with supervisory staff and management to advise work progress and discuss resolution of any problems associated with the completion of work.
8. Unloads, loads and moves supplies and equipment, complete work orders, stock-sheets, records and field sketches.
9. Required to respond to off-shift emergency calls and is scheduled as part of a rotation to provide coverage seven days per week.

QUALIFICATIONS, EDUCATION AND EXPERIENCE

- Completion of grade 12 or equivalent.
- Heavy Equipment Operator Certificate, from Vancouver Island University, or equivalency from a recognized institution.
- Minimum six (6) years of operating heavy equipment, of which at least three (4) years were acquired from work related to water and/or wastewater pipeline construction and maintenance on existing infrastructure.
- Certified in the Environmental Operators Certification Program (EOCP) with a minimum of:
 - Water Distribution Level I, with Level II preferred.
 - Wastewater Collection I, preferred.
 - Water / Wastewater Treatment Level I preferred.
- Valid Class 3 driver's licence with air and heavy trailer endorsement, Class 1 preferred.
- OFA Level I First Aid certificate with transportation endorsement, Confined Space Entry & Rescue certification, valid forklift certification, Transportation of Dangerous Goods (TDG) certification.
- Preference may be given to experience in surveying, pipefitting, plumbing, millwrighting, project coordination and layout.

OTHER SKILLS/KNOWLEDGE/INFORMATION

- Knowledge of applicable WorkSafeBC requirements, especially excavations, sloping and shoring requirements.
- Demonstrated ability to operate compressors, pneumatic hammers, compactors, cutters, powered sewer augers, pumps, chain saws or other power or non-power tools.
- The incumbent is expected to support Corporate sustainability and workplace safety objectives.