

JOB DESCRIPTION



LEVEL 2 WASTEWATER OPERATOR

Position Title:	Level 2 Wastewater Operator
Department:	Operational Services
Supervisor:	Utilities Superintendent

POSITION FUNCTION

Participate in the operation and maintenance in the Town of Osoyoos's water, wastewater, and stormwater infrastructure. Primary focus will be wastewater and stormwater but will be required to participate in other areas of operation and maintenance as required.

KEY DUTIES

- Install, Inspect, operate, maintain, troubleshoot, repair all related water, wastewater, and storm water infrastructure and process systems.
- Complete tasks assigned to them by Utilities Superintendent and/or by Senior Wastewater Operator.
- Fill in for Senior Wastewater Operator when they are absent.
- Review, monitor, test and ensure accuracy of the Town's SCADA system. Report to Senior Water Operator or Utilities Superintendent when a problem has been identified.
- Monitor, review, test, and ensure proper process system operation and provide feedback to Senior Water Operator and Utilities Superintendent to improve system optimization.
- Make process chemical dosage adjustments after consultation with Senior Water Operator or Utilities Superintendent.
- Perform water, wastewater, and stormwater infrastructure locates.
- Read and interpret engineering plans to locate water, wastewater, and stormwater systems and other utilities.
- Use electronic locator to confirm that the location of underground utilities and services have been marked out prior to excavation.
- Perform camera inspection of wastewater and stormwater infrastructure.
- Perform water quality monitoring, sampling, and instrument calibration as required.
- Perform wastewater quality monitoring, sampling, and instrument calibration as required.
- Take a lead role on job sites for wastewater service/main installations, line blockages, or force main breaks. Provide direction to other operators and public works staff when on site.
- Take a lead role to ensure proper practices and techniques are used when doing preventative maintenance at facilities.
- Support Senior Operator with execution of project tasks and maintenance programs outlined by the Utilities Superintendent.
- Operate combination truck and dump trucks for use in excavations, wet well cleaning and collection system cleaning.
- Operate power, air, and hand tools associated with utility operations.
- Interact with members of the community when dealing with service requests and emergency situations in a professional manner.
- Transport and handle gaseous and liquid chemicals as per industry best practices that pertain to water and wastewater process systems.
- Recommend and perform equipment repairs related to water and wastewater operation and maintenance.

JOB DESCRIPTION



LEVEL 2 WATER OPERATOR

Position Title:	Level 2 Water Operator
Department:	Operational Services
Supervisor:	Utilities Superintendent

POSITION FUNCTION

Participate in the operation and maintenance in the Town of Osoyoos's water, wastewater, and stormwater infrastructure. Primary focus will be water but will be required to participate in other areas of operation and maintenance as required.

KEY DUTIES

- Install, Inspect, operate, maintain, troubleshoot, repair all related water, wastewater, and storm water infrastructure and process systems.
- Complete tasks assigned to them by Utilities Superintendent and/or by Senior Water operator.
- Fill in for Senior Water Operator when they are absent.
- Review, monitor, test and ensure accuracy of the Town's SCADA system. Report to Senior Water Operator or Utilities Superintendent when a problem has been identified.
- Monitor, review, test, and ensure proper process system operation and provide feedback to Senior Water Operator and Utilities Superintendent to improve system optimization.
- Make process chemical dosage adjustments after consultation with Senior Water Operator or Utilities Superintendent.
- Perform water, wastewater, and stormwater infrastructure locates.
- Read and interpret engineering plans to locate water, wastewater, and stormwater systems and other utilities.
- Use electronic locator to confirm that the location of underground utilities and services have been marked out prior to excavation.
- Use acoustic listening devices to identify possible water system leaks and locations.
- Perform water quality monitoring, sampling, and instrument calibration as required.
- Perform wastewater quality monitoring, sampling, and instrument calibration as required.
- Take a lead role on job sites for service/main installations, water service or main breaks. Provide direction to other operators and public works staff when on site.
- Take a lead role to ensure proper practices and techniques are used when doing preventative maintenance at facilities.
- Support Senior Operator with execution of project tasks and maintenance programs outlined by the Utilities Superintendent.
- Operate combination truck and dump trucks for use in excavations.
- Operate power, air, and hand tools associated with utility operations.
- Interact with members of the community when dealing with service requests and emergency situations in a professional manner.
- Transport and handle gaseous and liquid chemicals as per industry best practices that pertain to water and wastewater process systems.
- Recommend and perform equipment repairs related to water and wastewater operation and maintenance.
- Work with third party contractors when performing system repairs and upgrades. Commission upgrades to ensure proper operation of process systems.

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LEVEL 2 WATER OPERATOR



- Update operational log sheets, drawings, and other records as required.
- Participate in an after-hour emergency standby rotation upon approval of the Utilities Superintendent.
- Mentor Level 1 and Operators in training.
- Participate in departmental OH&S activities as required.
- Perform other duties where qualified.

INDEPENDENCE

Work is assigned by Utilities Superintendent and/or Senior Operator(s) and reviewed while in progress.

Issues such as equipment repairs, and procedural problems are referred to supervisor.

WORKING CONDITIONS

Physical Effort

- Lift and move heavy materials and equipment greater than 50 lbs. (Occasional)
- Perform repetitive tasks such as shovelling, loading, and digging. (Occasional)
- Office work (Occasional)

Work Environment

- Works out of the operational services yard.
- Work outside in all weather conditions. (continuous)
- Mainly work Monday to Friday with some evening and weekend work as required as per the Collective Agreement.
- Exposure to equipment noise. (occasional)
- Work near moving traffic. (often)
- Works in confined spaces (occasional)
- Work at heights (occasional)
- Exposure to raw sewage. (Occasional - premium item)
- Respond to standbys/callouts as required (premium item)

KEY SKILLS AND ABILITIES

- Understand and apply best practices/techniques to operate, install and maintain the water, wastewater, and storm water infrastructure systems.
- Communicate effectively verbally.
- Use hand tools and power equipment.
- Deal with the public in a courteous and tactful manner.
- Read and interpret engineering plans and utility information sheets.
- Use of Microsoft Office, GIS, Work Order programs and SCADA systems.

JOB DESCRIPTION

LEVEL 2 WATER OPERATOR



QUALIFICATIONS

Formal Education, Training, and Occupation Certification

- High school diploma.
- EOCP Level 2 Water Distribution
- EOCP Level 2 Water Treatment
- EOCP Level 1 Wastewater Treatment or Level 1 Wastewater Collections
- BCWWA Chlorine Handler Certificate or Equivalent
- Current and valid Class 3 B.C. Driver's Licence with air brakes endorsement.

PREFERED QUALIFICATIONS

- WHMIS Training.
- Transportation of Dangerous Goods Training.
- Training in Excavations
- Training in Confined Space entry
- Training in fall protection
- Crane Truck operating certificate
- Waterborne Illness Training
- Water Sampling Training
- Watermain/service Repair Training
- Pumps and Hydraulics Training
- Underground Utility Locating Training
- Uni-directional Flushing Training
- Leak Detection Training
- Red Seal Plumbing or Gas Fitting Certification
- Water Distribution System Operation and Maintenance – Sacramento State
- Water Treatment Plant Volume 1 – Sacramento State

Experience

- 7 years of water and wastewater operational experience preferably in a municipal setting.

OTHER

- May be requested to substitute in a more senior position.
- May be requested to obtain additional certifications and/or training related to current job classification.
- Must be able to respond within a maximum of 30-minutes to a call-out.

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LEVEL 2 WASTEWATER OPERATOR



- Work with third party contractors when performing system repairs and upgrades to existing facilities. Commission upgrades to ensure proper operation of process systems.
- Update operational log sheets, drawings, and other records as required.
- Participate in an after-hour emergency standby rotation upon approval of the Utilities Superintendent.
- Must be able to respond within a maximum of 30-minutes to a call-out.
- Mentor Level 1 and Operators in training.
- Participate in departmental OH&S activities as required.
- Perform other duties where qualified.

INDEPENDENCE

Work is performed according to annual maintenance schedule or assigned by supervisor and reviewed upon completion.

Problems are referred to Senior Operator/Utilities Superintendent with recommendations.

WORKING CONDITIONS

Physical Effort

- Lift and move heavy materials and equipment greater than 50 lbs. (occasional)
- Perform repetitious tasks such as shovelling, loading, and digging. (frequent)
- Office work (occasional)

Work Environment

- Works out of the operational services yard.
- Work outside in all weather conditions. (continuous)
- Mainly work Monday to Friday with some evening and weekend work as required as per the Collective Agreement.
- Exposure to equipment noise. (occasional)
- Work near moving traffic. (often)
- Works in confined spaces (occasional)
- Work at heights (occasional)
- Exposure to raw sewage. (Often- premium item)
- Respond to standbys/callouts as required (premium item)

KEY SKILLS AND ABILITIES

- Understand and apply best practices/techniques to operate, install and maintain the water, wastewater, and storm water infrastructure systems.
- Communicate effectively verbally.
- Use hand tools and power equipment.
- Deal with the public in a courteous and tactful manner.
- Read and interpret engineering plans and utility information sheets.
- Use of Microsoft Office, GIS, Work Order programs and SCADA systems.

JOB DESCRIPTION

LEVEL 2 WASTEWATER OPERATOR



QUALIFICATIONS

Formal Education, Training, and Occupation Certification

- High school diploma.
- EOCP Level 2 Wastewater Collections
- EOCP Level 2 Wastewater Treatment
- EOCP Level 1 Water Treatment or Level 1 Water Distribution
- Chlorine Handler Certificate
- Current and valid Class 3 B.C. Driver's Licence with air brakes endorsement.

PREFERED QUALIFICATIONS

- WHMIS Training.
- Transportation of Dangerous Goods Training.
- Training in Excavations
- Training in Confined Space entry
- Training in fall protection
- Crane Truck operating certificate
- Waterborne Illness Training
- Wastewater Sampling Training
- Underground Utility Locating Training
- CCTV Camera Training
- Hydrovac Truck and Jetting Training
- Red Seal Plumbing or Gas Fitting Certification
- Operation and Maintenance Wastewater Collection Systems Volume 1 and 2 – Sacramento State
- Operation of Wastewater Treatment Plants Volume 1 (A) – Sacramento State

Experience

- 7 years of water and wastewater operational experience preferably in a municipal setting.

OTHER

- May be requested to substitute in a more senior position.
- May be requested to obtain additional certifications and/or training related to current job classification.
- Must be able to respond within a maximum of 30-minutes to a call-out.