

JOB PROFILE

Wastewater Services– Planning & Building, Engineering and Environment

Wastewater Treatment Operator

The successful candidate will use knowledge of wastewater treatment to make data based decisions for effective process control to meet compliance. Guided by the goals and objectives of the City of Guelph Strategic Plan and committed to the Corporate Values of integrity, excellence and wellness, you will aid in the achievement of the Community Vision – to be the city that makes a difference.

Hours of Work: Normal hours of work are eight consecutive hours between 6am and 10pm Monday to Saturday with participation in the stand by rotation. The facility is a 24/7 operation and could be operated as such, meaning this position would then be required to participate in a 24/7 rotating shift schedule.

DUTIES:

- Sample and analyze unit processes for process control and performance monitoring purposes
- Perform process calculations and interpret results for appropriate process control adjustments
- Utilizing SCADA as well as the facilities data management program, monitor process trends to determine cause and effect relationships possibly indicating an area for further study
- Monitor unit process performance as well as plant performance with Certificate of Approval compliance
- Conduct, document and present special studies to determine impacts of process changes
- Use data and understanding of unit processes to develop standard operating procedures
- Work with internal maintenance department to coordinate maintenance activities so to ensure the impact on the process is minimal
- Communicate critical process control information with co-workers and management and advocate for support when required
- Participate in Operations and Divisional meetings
- Lead and/ or participate in confined space entry
- Ensure the WWTP and associated infrastructure is kept in such a manner that housekeeping reflects the investment and importance of the facility
- Participate in Operations and Divisional meetings and provide support for public education initiatives and tours as required

QUALIFICATIONS:

- Experience related to the duties listed above, normally acquired through a grade 12 diploma plus 2 year post secondary education preferably in environmental technology or a closely related discipline and 1 – 2 years experience in wastewater treatment operations or environmental monitoring. Candidates with equivalent combination of education and experience may be considered.
- Must possess a minimum MOE Class I Wastewater Treatment License. A Wastewater Treatment OIT license with completion of the Class I Wastewater Treatment exam and/or closely related training will be considered.
- Ability to obtain a Class II Wastewater collection license within 15 months of start date.
- Knowledge of wastewater operating treatment equipment including the ability to read and understand technical drawings
- Demonstrated strong interpersonal, problem solving and written and oral communications skills
- Demonstrated advanced skills in MS Office (Excel and Word) and knowledge and experience with SCADA, Maintenance Management Systems and Record Keeping would be an asset

- Knowledge of the Occupational Health and Safety Act
- Must be able to perform repetitive physical work (eg lifting, climbing, walking, etc) and be able to work in confined spaces
- Valid Class “G” drivers licence with a good driving record

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