



Job Situation

Work indoors and outdoors. Environment can be dirty, cold, hot or noisy. Safety precautions are required. Work shifts including weekends and holidays.

Weekly Hours of Work

37

Overtime

0

Monthly Salary

\$3,300

Student Loan – Owing

0

Student Loan – Monthly Payment

0

Duties

Read and interpret meters. Operate valves, and chemical systems. Test and adjust chemical feed rate. Keep detailed daily records of test results

Prospects

Large industrial plants. Provincial parks. Operator training services

Job Title

Water and Waste Plant Operator

National Occupational Classification (NOC)

9424

Job Description

You work in a water treatment plant run by the municipal government. It is your job to help make sewage and other dirty water fit for reuse. This is accomplished through the uses of various chemicals and other treatments.

After water has been treated and cleaned it is often reused for irrigation purposes. Therefore you must be very careful and diligent in your work. If you miss any bacteria or heavy metals, there can be disastrous effects. It is a huge responsibility, but you've never been afraid of a challenge. You love the scientific aspects of your work and your co-workers have given you lots of opportunities to keep learning. You are young and many of the staff are near retirement and are happy to have you go on the training programs that are available. You are getting really good technical and scientific training and you love it.

Every few months you must put together reports on how the treatment is going. You report on the effectiveness of the treatment chemicals, possible new chemical treatments to be tested, and other plant procedures. These reports are sent to your superiors: senior engineers, municipal government officials and those in charge of the treatment plant.

Countries deal with millions of tons of waste water every year. It is certainly a big job. You need to use your problem solving skills, and perseverance to get the job done. You know how important it is to properly use science to help everyone.