



Careers Related to Drinking Water Quality

There are many careers related to drinking water quality, some require post-secondary education while others do not. If students are interested in the following careers they can find out more by contacting their school's career counselor, searching the Internet, and talking to people who currently work in that field.

Potential careers include:

- 💧 Water treatment plant operator - monitor and operate computerized control systems and related equipment in water filtration and treatment plants to regulate the treatment and distribution of water
- 💧 Wastewater (effluent control) technicians in factories - responsible to ensure factory equipment is maintained in order to produce results to the established quality standards
- 💧 Water treatment specialist with the armed forces - primarily responsible for supervising or performing the installation and operation of water purification equipment, as well as dealing with water storage and distribution operations and activities, and inspect facilities and food supplies for the presence of disease, germs or other conditions hazardous to health and the environment
- 💧 Environmental technician - contaminated site assessment technicians
- 💧 Environmental Health Officer - responsible for carrying out measures for protecting public health, including administering and enforcing legislation related to environmental health and providing support to minimize health and safety hazards
- 💧 Process engineer – mine water treatment, accountable for all technical aspects of the continued development of the water treatment business within the mining company
- 💧 Water/wastewater engineer - design of municipal infrastructure, primarily water and wastewater conveyance and treatment
- 💧 Water resources engineer - focuses on the use and management of land and water resources in rural and urban watersheds
- 💧 Community and urban planners – study the social, economic, cultural, environmental, political and physical conditions of urban and rural communities, and develop plans for the overall management and protection of specific land parcels or regions.



- 💧 Water quality scientist – responsible for safeguarding all aspects of water quality through scientific analysis and the setting of targets and standards in response to specific legislation, compare test results with these standards, investigate shortfalls and take action to remedy problems, may also be involved in providing solutions to water quality problems and water quality regulation
- 💧 University Professor – teaching environmental studies/environmental sciences courses, conducting research