

Want to be in a job that gets you? Want a career doing something you love? Whatever your interests, there's a water job for you! This is just a sample list of the many career opportunities in the water industry!

	Outdoor, Hands-On Jobs				Science, Math, Computer Jobs				Working with People Jobs			
Job Title	Plant Operator	System Operator	Water Quality Specialist	Machinist	GIS Specialist	Lab Technician	Civil Engineer	Water Resource Planner	Customer Service Representative	Environmental Educator	Public Affairs Specialist	Government Relations Specialist
Interests/Traits	Enjoys: tracking data, supervising processes, and computer programs.	Enjoys: working with their hands, problem solving and team work.	Enjoys: critical thinking, the environment and nature, wildlife, and data analysis.	Enjoys: machines, equipment, tools, and working with their hands.	Enjoys: design, computers, geography, maps, data, and computer programming.	Enjoys: math, science, data tracking, and problem solving	Enjoys: Design, drawing, managing projects, math, science, organization, and computers.	Enjoys: science, water, data, planning, math, and working with others.	Enjoys: talking to people, helping others, and problem solving.	Enjoys: teaching, public speaking, environmental protection	Enjoys: talking to people, messaging and design, creativity, public speaking, and writing.	Enjoys: government, policy making, writing, debate, and talking to others.
Education	High School Diploma State Certification	High School Diploma/ GED State Certification	Degree in Chemistry, Earth Science, Biology or related	Experience in a machine shop, Vocational Training	Degree in Geography, GIS certification	Vocational/Technical School Training	Degree in Civil or Environmental Engineering	Degree in Engineering, Urban Planning, Natural Resource Management	High School Diploma, on-the-job training	Degree in Biology, Geography, Environmental Sciences	Degree in Public Relations, Communications, Journalism	Degree in Political Science or Law
Job Description	Operate the equipment in water and wastewater treatment plants in order to purify drinking water, remove pollutants and solids from the water, and return clean water back to the environment. Responsibilities include monitoring computerized controls, calculating chemical mixtures, and recording data for reports.	Install, maintain and repair water distribution and wastewater conveyance systems (pipes, hydrants, meters, etc). Responsibilities include troubleshooting, equipment operating, and helping customers.	Places concern on the quality of water as it applies to nature and human health. Determines how water quality can be affected by: pollutants, runoff, fertilizer, or waste discharge. Collects research and samples in natural areas and water treatment facilities to determine quality and uphold water quality standards.	Assembles and repairs material made out of metals, such as steel and brass. Work with computerized equipment, milling machines, and lathes to create custom parts that fit the needs of the water system.	Geographic Information Systems (GIS) uses the power of computers to analyze geographic information and to display the data in maps, graphs, and tables. Provides detailed maps of the location of assets in water/wastewater systems.	Analyzes water samples from the distribution system; Operates and maintains laboratory equipment; Collects, analyzes, and monitors raw water sources; Records data and prepares reports of the results	Designs: water, wastewater treatment plants, pipelines, pump stations, reservoirs, water/wastewater treatment plants, and other parts of the water/wastewater system. Manages projects related to this infrastructure	Manages the complex planning, data gathering, and research assignments to investigate long-term water supplies and alternatives, such as conservation programs and new supply development.	Helps customers with their bills, explains how to read a water meter or check for leaks. Aids customers with other concerns such as water quality, conservation, etc.	Plans and develops public outreach programs. Works with schools and community groups to share water related education to grow the public's understanding of the value of water, conversation methods and pollution prevention.	Oversees communications for a water agency. Engages customers at outreach events. Directly communicates to public officials, government regulators, civic organizations, and the media.	Maintains communication between water sector agencies and government bodies by influencing legislation and establishing understanding of regulations.
Job Description Summary	Turn dirty water into clean water for your community! Operators keep clean water flowing, protecting the environment, economy, and our health.	A hero in the field, the System Operator is the ultimate problem solver! They are the staff responsible for delivering water to the tap, collecting wastewater to be treated, and restoring service outages.	Get outside and make a splash! Collect water samples and work with the community to ensure we uphold our high quality water standards.	Like to work with your hands, think on your feet, & solve puzzles? Help keep the important equipment running so the water keeps flowing.	Be the master of the map as you plot graphs, charts, and tables of the invaluable infrastructure hidden under the ground.	Work in a laboratory and analyze water samples to ensure our water meets the safe drinking standards.	Plan and design the infrastructure that provides safe drinking water, effective wastewater collection and stormwater management to our communities.	Develop and manage the plans to ensure the water needs of your community are met today and for generations to come.	Make someone's day by helping with questions about water bills, use, meters, and conservation.	Reach students and adults in the community in creative ways to share important information on the value of water and current issues in the industry.	Organize outreach events, create publications, and engage the public about the value of water in your community.	Protect water by establishing communication between water agencies and government to create effective legislation.