ENGINEER

As an engineer in the water field you will be part of delivering one of the most important community services in the world. Some components of your job may include:

- Conduct engineering evaluations of a wide range of water infrastructure.
- Evaluate, design, and oversee construction of various water and wastewater treatment processes.
- Design and engineer reservoirs, pumping stations, pressure regulating facilities, and other elements of water distribution.
- Troubleshoot equipment and process failures and develop effective solutions.
- Develop instrumentation and process monitoring automation.
- Review and oversee expansion and development of water and wastewater systems to support developing communities.
- Construct and use hydraulic models to analyze complex distribution and collection system questions.
- Educate the public, trustees, and employees on important projects.
- Assemble and lead design teams and collaborate closely with industry experts.
- Utilize sustainable infrastructure design.
- Calculate costs and prepare budgets.

SKILLS
Analytical Thinking | Problem Solving | Communication | Organization | Math | Chemistry | Biology

EDUCATION
Engineering Degree – Civil, Environmental, Mechanical, Electrical P.E. Certification | Water and Wastewater Licenses | LEED Certification

THE WATER INDUSTRY

Our country’s public water and wastewater systems provide services to a vast majority of Americans. An industry steeped in tradition and challenged by emerging trends encompasses approximately 68,873 drinking water and wastewater systems across the U.S. From small towns to large cities, the water sector offers a wide array of career opportunities.

“EVERY DAY IS DIFFERENT. I LOVE THE DIVERSITY OF MY JOB AND THAT I GET TO OVERSEE A PROJECT FROM INCEPTION TO OPERATION.”
Greg Pellerin, P.E, Portland Water District

The water and wastewater industry offers challenging and rewarding careers. No other utility has more of an impact on public health and the environment.

Other benefits include:
Competitive Pay
Excellent Benefits
Work/Life Balance
Stable Hours
Job Security
Global Industry with Increasing Demand

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