



Portland  
Water District



# CAREERS IN WATER

## ENVIRONMENTAL SCIENTIST



"I like that I can see the positive impact that our work has on both the health of our customers and Casco Bay. I am very fortunate that my job combines my passion for science and commitment to the environment."

- Alana Dougherty, 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
- Ability to Advance
- Global Industry with Increasing Demand
- Positive Work Environment

As an Environmental Scientist 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:

- Analyze water and wastewater samples to ensure regulatory compliance and for process control.
- Conduct site visits and inspections and make recommendations that minimize pollution.
- Design and manage environmental monitoring programs which include sample collection, analysis, data compilation, interpretation, and reporting.
- Research, plan, and conduct analytical experiments that contribute to process improvements.
- Serve as a community resource by sharing findings and information with the public including written materials, presentations, and events.
- Resolve water quality issues by conducting investigations, water quality analyses, interpreting results, and communicating resolution to customers and operations staff.
- Provide guidance on federal, state, and local environmental regulations and guidelines.



### SKILLS

Analytical Aptitude | Problem Solving | Communication | Attention to Detail

### EDUCATION

Environmental Science | Chemistry | Microbiology | Biology

### 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.

225 Douglass Street, Portland, Maine | (207)761-8310 | [customerservice@pwd.org](mailto:customerservice@pwd.org)

