



Entry-Level Water Quality and Treatment Engineer Position In San Diego, CA

Leading engineering consulting company in California seeks a dedicated individual with proven skills to join our engineering team and work on drinking water, wastewater, potable reuse, and desalination projects.

About Trussell Technologies: Trussell Technologies, Inc. (www.trusselltech.com)

Trussell Technologies, Inc. is an environmental engineering firm passionate about developing the best process and water quality solutions. This passion motivates us to tackle complex water challenges with the latest in practice and science. We provide safe and sustainable solutions in water, wastewater, reuse, and desalination for our customers and partners. Together, we take projects from concept through implementation using past experience, applied research and treatability expertise, proven regulatory insight, cutting-edge treatment system design, and real-world operational knowledge. Our reputable team uses innovation to deliver high-quality services that reduce project costs and improve reliability. We aim to be the water industry's most trusted partner.

About this position:

Trussell Technologies, Inc. is offering a unique opportunity to join our engineering team to work on a variety of ground-breaking projects in the water treatment field. Our team operates in the nexus between science and engineering, filling critical knowledge gaps as the industry pushes the boundary of water treatment. Trussell Tech's San Diego office has supported the design of several notable potable reuse projects in the area building off testing and operation at state-of-art demonstration treatment facilities. By joining our team you'll have the opportunity to influence the future of water treatment through sound scientific methods, engineering design, hands-on research and operation.

Responsibilities for this position:

- Working in close collaboration with senior staff on a variety of engineering and research projects
- Involvement in project topics such as water reuse (potable and non-potable), water and wastewater treatment, and desalination
- Development of treatment designs, technical reports, and test plans
- Analysis of water quality data and engineering calculations
- Review of relevant literature for current projects
- Participation in site visits
- Execution of pilot testing

Qualifications for Entry-Level Water Quality and Treatment Engineer:

- Master's degree in one of the following fields:
 - Environmental Engineering
 - Civil Engineering
 - Mechanical Engineering
 - Chemical Engineering
 - Related Sciences
- Excellent organizational, analytical and communication skills
- Strong interest and passion in solving water quality and treatment challenges
- Ability to complete tasks independently and manage workload for multiple projects

- A minimum of 1 year work experience is preferred
- Project experience working with “big” data is preferred
- Experience with Python, R, SQL database, and Matlab is preferred
- Proficiency with Microsoft Word, Excel, and Powerpoint
- Experience with Microsoft Teams is preferred

Work Environment & Physical Demands:

- May occasionally transport and/or move up to 40 pounds.
- Potential travel to client site may be required. Additionally, some assignments may require being at client sites for extended periods. May perform work in outdoor weather conditions.
- Additional hours may be necessary as workload dictates. This may include weekdays, weekends and/or holidays.

Nothing in this job description restricts management’s right to assign or reassign duties and responsibilities to this job at any time.

Work Benefits:

Trussell Technologies, Inc. offers an excellent compensation, learning and development programs, training, career opportunities, and benefits package, including: medical, dental, vision, life insurance, 401(k) plan, and paid holidays.

Trussell Technologies, Inc. is proud to be an Affirmative Action/Equal Opportunity Employer. Trussell Technologies, Inc. provides equal employment opportunity for all persons, in all facets of employment. Trussell Technologies, Inc. maintains a drug-free workplace and performs pre-employment substance abuse testing and background checks. We encourage all qualified applicants to apply for any open position for which they feel they are qualified, and all will receive consideration for employment without regard to race, color, religion, age, gender, sexual orientation, gender identity, national origin, citizenship status, marital status, genetic information, disability, protected veteran status or any other legally protected status. Equal Employment Opportunity is the Law. Applicants to and employees of Trussell Technologies, Inc. are protected under Federal law from discrimination.

Qualified candidates should submit their resumes to Julia Porras at the email address [hiring@trusselltech.com](mailto: hiring@trusselltech.com).