



Water Quality Laboratory Analyst Position In San Diego, CA

Leading engineering consulting company in California seeks dedicated individual with proven laboratory skills to join our team and assist in laboratory analyses for clients and laboratory studies to support engineering and regulatory work related to drinking water, wastewater, potable reuse and desalination projects.

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

Trussell 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.

To support our environmental engineering consulting work, we have a laboratory in the San Diego area, where we conduct research for client projects in the areas of drinking water, wastewater, potable reuse and desalination. In addition, we provide in-vitro bioassay testing of water samples for estrogenic compounds and dioxin-like chemicals as a service for clients.

About this position:

Trussell is seeking a Laboratory Analyst to join our team and support laboratory activities. As part of this role, you will conduct bioassay testing and reporting, perform laboratory work to support research studies in the area of water treatment, and assist with general laboratory management to ensure that laboratory resources, equipment and supplies are maintained and available to meet project needs.

Our team operates in the nexus between science and engineering, filling critical knowledge gaps as the industry pushes the boundary of water treatment. If you join our team, you'll have the chance to influence the future of water treatment through sound scientific methods and engineering design.

Responsibilities for this position:

- Conduct in-vitro bioassay testing of water samples submitted by clients.
- Perform solid phase extraction of water samples for bioassay testing.
- Coordinate and communicate with clients regarding sample submissions and testing schedules for bioassay testing.
- Plan sample processing and analysis for bioassay testing to meet holding times and report due dates.
- Analyze data from bioassay tests and prepare client reports.
- Assist staff in the following tasks:
 - Conduct general water quality chemical analyses to support projects.

- Coordinate with engineers to identify laboratory needs for ongoing and upcoming projects.
- Manage daily laboratory operations, including inventory of consumables, reagents and supplies.
- Maintain laboratory equipment and schedule periodic servicing and calibrations.
- Perform basic maintenance and troubleshooting of laboratory instruments.
- Assist in the acquisition, setup and validation of new laboratory equipment.
- Organize and maintain laboratory space, ensuring safety and quality standards are met.
- Manage laboratory-generated waste in compliance with environmental and safety regulations.
- Participate in field sampling and support pilot- or bench-scale experiments as needed.
- Communicate regularly with the supervising engineer to report progress, needs, and issues.
- Perform other laboratory management and analytical duties as assigned.
- Prepare and maintain accurate laboratory logs, inventories, records, laboratory documentation, standard operating procedures (SOPs) and others.

Qualifications for Laboratory Analyst:

- 0-2 years of experience working as a laboratory analyst, chemist, microbiologist, or in a related laboratory-based field. Previous experience in solid phase extraction, bioanalytical methods (e.g., PCR, bioassay, immunoassays, etc.) is a plus.
- Bachelor's degree in one of the following fields:
 - Chemistry
 - Biochemistry
 - Microbiology
 - Environmental Science
 - Related Scientific Discipline
- Excellent organizational, analytical and communication skills.
- Strong interest and passion for solving water quality and treatment challenges.
- Ability to work independently, manage multiple projects and meet deadlines.
- Proficiency with Microsoft Office tools (Word, Excel, Outlook) and Adobe Acrobat.

Work Environment & Physical Demands:

- Work will primarily be performed in a laboratory environment, with occasional fieldwork or visits to client sites.
- May occasionally handle or work near hazardous or toxic substances. Appropriate training, personal protective equipment (PPE), and safety measures will be provided and required at all times.
- The position requires attention to detail, adherence to safety protocols, and the ability to work both independently and collaboratively as part of a multidisciplinary team.
- 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.

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 offers excellent compensation, learning and development programs, training, career opportunities, and benefits package, including: paid time off, medical, dental, vision, life insurance, 401(k) with 100% Vested Employer Match, and 11 paid holidays. Trussell also has an Employee Stock Ownership Program (ESOP) that enables our employees to share the value and the growth of the company by owning stock of the company. The ESOP is an additional retirement benefit provided at no cost to the employee.

Trussell Technologies, Inc. is proud to be an Affirmative Action/Equal Opportunity Employer. Trussell Technologies, Inc. provides equal employment opportunities 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.

Salary Range: \$60,000 to \$80,000 (annually dependent on category/experience)

This is the lowest to highest salary we in good faith believe we would pay for this role at the time of this posting. We may ultimately pay more or less than the posted range, and the range may be modified in the future. An employee's pay within the salary range will be based on several factors including, but limited to, relevant education, qualifications, certifications, experience, skills, seniority, performance, and business or organizational needs.

Qualified candidates should submit their resumes to Julia Porras at the email address hiring@trusselltech.com.