

Senior Civil Engineer

Formation Environmental, is a fast-growing environmental consulting firm with offices in Sacramento, CA, Boulder, CO, and Portland, OR. We specialize in solving water resources, environmental, engineering and agricultural challenges using multi-disciplinary teams that apply state-of-the-art techniques to efficiently attain each client's unique technical, regulatory, and financial objectives. Our clients include entities in the natural-resource, water resource, industrial, transportation, energy, and agricultural sectors.

Job Description

We are seeking a senior level Civil Engineer to join our team in Sacramento, CA, on a full-time, salaried basis. The position will support our engineering practice through technical design including irrigation system design, drainage design, and grading analysis. The ideal candidate will have the following minimum qualifications:

- B.S. in Civil Engineering or related engineering field
- California PE certification in civil engineering
- Demonstrated experience signing and sealing drawings, reports, and documents for multiple projects of various types
- 10+ years of hands-on experience working in the civil engineering industry, preferably in California
- Technical expertise in the application and documentation of standard engineering principles in the following categories:
 - Irrigation design including design of intake/control/diversion structures, pump stations, siphons, channels, and piped transmission/distribution systems
 - Drainage design including design of open channels, culverts, erosion and sediment control features, channel stabilization, and stormwater detention facilities as well as preparation of drainage plans and reports
 - Grading analysis and earthwork design
 - Basic roadway design
- Comfortable both directing as well as performing the following items: schematic design, design development, construction drawing and specification development, schedule development, performing material take-offs, cost estimation development as well as drafting in AutoCAD Civil 3D
- Ability to work independently and as part of an inter-disciplinary team
- Demonstrated strong writing skills and creative/innovative problem-solving skills
- Knowledge of applicable environmental regulations and permitting processes as well as experience in complying with such regulations.

The ideal candidate will also need to demonstrate a strong aptitude in the following areas:

- Independent implementation of plans to meet project objectives under direction from Project Managers

- Ability to contribute to team-oriented, multi-disciplined project delivery and problem solving (both in the office and field)
- Effective organization and excellent written/verbal communication skills
- Ability to handle multiple project assignments while maintaining flexibility to meet deadlines
- Strong commitment to scientific/engineering integrity, quality and following established quality assurance and quality control protocols
- Strong commitment to safety and following established health and safety protocols.

Company Overview

Formation is composed of talented engineers, scientists, modelers, programmers, and analysts. Our work environment is engaging, challenging, and fast-paced, with specialists from multiple disciplines coming together to provide the best possible solutions for our clients. Formation provides exceptional benefits and an exciting work environment with opportunities for significant professional growth. This includes:

- Encouragement to explore new markets, technologies, methodologies and collaborate within and outside the company with the goal of pairing client opportunities and challenges
- Opportunities to explore personally compelling topics by occasionally taking time to work on independent projects
- Medical, dental, vision, life, and disability benefits
- 401k matching program.