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## ENTRY-LEVEL WATER RESOURCES/IRRIGATION/CIVIL DESIGN ENGINEER

### Description:

Anderson Consulting Engineers, Inc. (ACE) is seeking an entry-level water resources/civil design engineer to join our engineering team in Fort Collins, Colorado. This individual will be responsible for hydraulic and hydrologic modeling, natural river/stream evaluation, geomorphologic investigation, hydraulic structure evaluation and design, flood mitigation evaluation and design, urban drainage system evaluation and design, as well as the preparation of civil design plans in support of riverine, urban drainage, and agricultural irrigation projects.

### Responsibilities:

1. Develop/update hydrologic and hydraulic models in support of flood hazard mapping and the design of capital improvement, water quality, stream restoration, flood mitigation, and agricultural irrigation projects.
2. Create and update ACAD drawings using AutoCAD Civil 3D. Typical deliverables include site grading plans, channel plan and profiles, pipeline plan and profiles, grading and pipeline cross sections, detail layouts, hydraulic structure layouts, and floodplain maps.
3. Produce documents and spreadsheets using Microsoft Office products.
4. Work under the supervision of mid- and senior-level engineers and technicians.
5. Perform field work to gather information and assess existing site conditions for design projects.

### Requirements:

1. Entry-level to 4 years of engineering experience in a water resources field related to the job description identified above.
2. Proficiency in (or, at a minimum, exposure to) HEC-RAS, EPASWMM, Autodesk Civil 3D, and ArcGIS.
3. Clear, effective, verbal and written communication skills and fluency in Microsoft Office products.
4. Ability to focus and prioritize work effort, handle multiple project tasks simultaneously, meet deadlines, and collaborate effectively in a team environment.

### Education/Licensure:

1. Bachelor of Science degree in civil engineering or related field.
2. Master of Science degree in water resources-related field (preferred).
3. Successfully completed the Fundamentals of Engineering (FE) exam.

### Salary/Benefits:

1. The total compensation range for this position is \$60k to \$90k, dependent on experience.
2. Company paid medical/dental/vision/disability/life insurance
3. Safe Harbor 401(k) plan with matching
4. Vacation, sick leave, and paid holidays

Please send resume to: [info@acewater.com](mailto:info@acewater.com)  
Check us out at [acewater.com](http://acewater.com) and on [Instagram](#)

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