October 2026
DiNatale Water Consultants
Water Resources Engineer Job Posting

DiNatale Water Consultants is seeking a water resources engineer with 1 to 5+ years of experience to assist with multiple water resources projects. The successful candidate will have experience in water resource engineering, including surface water modeling, Colorado water rights, knowledge of groundwater principles and modeling, and water quality field work and analysis. Technical proficiency with Microsoft Excel and an understanding of the Colorado water rights system is required.

DiNatale Water is a small, highly specialized water resources firm that combines cutting-edge water analysis techniques with the deep, practical experience of our staff. We view helping our clients as not just a technical challenge but also a creative one. Our team is well-balanced; we offer real-world experience combined with contemporary planning, modeling, and water accounting skills. DiNatale Water prides itself on developing creative, pragmatic, and cost-effective solutions for our clients. DiNatale Water focuses on excellence in our work products and customer service, combined with a creative, collaborative and flexible work environment. We are seeking a creative, curious engineer who is both technically proficient and able to communicate well in written and verbal formats, yet willing to think outside the box to deliver the creative value-added engineering services DiNatale Water is known for.

This is a full-time position at DiNatale Water's offices located in Boulder, Colorado. We support a flexible work schedule, including the potential for a hybrid remote and in-office schedule, pending supervisor approval. Full-time in-office orientation and training, as well as project and client meetings, will be expected before remote work options are available.

Principal Duties and Responsibilities
The successful candidate will work with DiNatale Water licensed professional engineer staff and assist with any of the following:

- Water rights accounting management and development
    - Data gathering from multiple sources including SCADA, emails, internal documents, and other water users records and input within complicated accounting forms
    - Reviewing data and providing corrections or requested modifications as needed
    - Mass balancing of several augmentation sources and depletions for multiple entities
    - Communicating daily with the rest of the operations and accounting team
    - Coordination with other water users
    - Keeping track of multiple water operations across a large geographic area

    - Monthly accounting submittals
    - Development of water rights accounting for water court cases and substitute water supply plans (SWSPs)
- Water supply system operations
    - Daily water system operations, both during the work week and for limited hours weekends as part of a rotating on-call team, including:
        - Requesting water deliveries from multiple sources at specified times verbally and via e-mail
        - Communicating with water commissioners, ditch riders, clients, and other water rights operators
        - Keeping track of multiple water operations across a large geographic area
        - Sending out daily reports on operations
        - Using Excel to track and follow operations
        - Communicating daily with the rest of the operations and accounting team
    - Operational protocol development
- Water rights engineering
    - Water rights applications
    - Historical consumptive use analyses
    - Augmentation plan development
    - Alternatives analyses
    - Support on expert opinion disclosures
    - Litigation support
    - Water rights opposition work
- Water allocation modeling
    - Development and use of water allocation models using various modeling platforms including RiverWare, Excel, MODSIM, StateMod and others
    - Development of model scenarios and analysis of model results
    - Water rights and operational scenario modeling
    - Risk and resiliency modeling, including future conditions under climate change or differing inter-state compact conditions
- Water supply planning
    - Water supply planning and management
    - Water demand studies
    - Potable and non-potable water planning
    - Permitting support
    - Groundwater resources and conjunctive use of surface water and groundwater
    - Water treatment options
- Water quality field and analysis work
    - Field work including water quality sampling and flow measurement
    - Analysis of temporal and spatial water quality trends

  - Visual representation of water quality results
  - Analysis and development of reservoir water quality models

Qualifications

- BS degree required and MS degree preferred, preferable in civil engineering, hydrology, hydrogeology, water resources or other related discipline
- 1 to 5+ years of experience with Colorado water resources and water rights system, water administration, including close familiarity with Colorado geography and water-related infrastructure
- Excellent written and verbal communication skills
- Strong time management skills
- Advanced Microsoft Excel skills
- Proficiency with MS Office applications, online databases including Colorado Decision Support System (CDSS), GIS skills, and general IT skills are a plus
- Professional Engineer registration or plans to obtain in the near future

Compensation

- The salary for this position will be based on level of experience but is anticipated to be in the $75,000 to $125,000 range annually based on full-time.
- In addition to salary, DiNatale Water offers several benefits to full-time employees including:
  - Generous and flexible paid-time-off policy and holidays
  - Health, dental, disability insurance
  - Cell phone
  - 401k with employer match and profit-sharing programs

Interested candidates please e-mail arista@dinatalewater.com.