

Matrix Design Group, Inc., (Matrix) an employee-owned planning, engineering and environmental consulting firm is seeking a Mid-level Water Resources Engineer to join our group in our Denver office. We are looking for a team member who is innovative, motivated and dedicated to providing a high level of service to our clients.

The Water Resources Group at Matrix serves a diverse set of clients which require tailored approaches and unique skill sets. We pride ourselves on our ability to match employee strengths and career goals with project needs. This is generally accomplished through handling a project from its inception at a planning level through final design and construction. Each phase requires separate sets of tools and ensures that engineers get exposed to all aspects of a project from start to finish. No two days are alike for a Matrix Water Resource Engineer. Typical Matrix Water Resources projects include Watershed, Water Quality, and Drainage Master Plans; design document preparation for urban and natural drainage systems; as well as field data collection and construction observation.

Technical Expertise and Work Production in:

- Watershed Planning and Master Plan Preparation
- Hydrology and Hydraulics Modeling and Analysis
- Stormwater Management Planning and Design
- River Restoration and Channel Design
- FEMA Flood Map Revisions
- Water Quality Studies and BMP Design
- Technical Reporting and Presentations
- Water Resources Software including HEC-HMS, HEC-RAS, CUHP/SWMM, StormCAD
- Civil Engineering design software including AutoCAD and Civil 3D
- Geospatial Information Systems Integration including ESRI ArcGIS, GeoHMS, and GeoRAS
- Construction Observation and Coordination with Construction Contractors

Project Management:

- Maintain effective communication with clients and project teams
- Develop project work plans
- Produce project deliverables including technical memoranda, design plans and specifications, and technical reports
- Adhere to Matrix quality assurance procedures to assist senior engineers in reviewing project deliverables

Marketing and Business Development:

- Assist with building our existing water resources client base through routine contact and networking
- Participate in various business development events and present at conferences

- Assist with coordination and writing of water resources proposals and statements of qualifications

Leadership within the Water Resources Practice:

- Mentor and develop junior engineers and technical staff
- As appropriate, ensure that the staff resources are deployed in a productive and profitable manner and conduct regular meetings to ensure that project needs are balanced with staff availability

Required Skills and Qualifications:

- Minimum of 3 years of progressive, comprehensive Water Resources experience
- Bachelor's degree in civil or environmental engineering with an emphasis in Water Resources, Hydrology, or Hydraulic engineering
- Colorado EIT required
- Outstanding communication and presentation skills
- Self-motivated with the ability to work independently

Preferred Skills and Qualifications

- 5 years of progressive, comprehensive Water Resources experience
- Graduate degree in civil or environmental engineering with an emphasis in Water Resources, Hydrology, or Hydraulic engineering
- Colorado PE
- Strong industry relationships and an understanding of municipal, state and federal criteria
- Experience and understanding of local, regional, state and federal policies, programs and procedures

Matrix Design Group is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or protected veteran status and will not be discriminated against on the basis of disability. Any applicant with a qualifying physical or mental disability who believes s/he requires a reasonable accommodation for any part of the application process should contact us at 719-575-0100 for assistance. We apologize that we are not able to contact all applicants. Only those qualified applicants being considered for interview will be contacted.