

Entry-level Water Resources Engineer

The Balmoral Group is seeking a motivated candidate to be an integral member of our Stormwater and Water Resources team in Winter Park, Florida. This position has the opportunity to provide a wide variety of services on small to large-scale stormwater and water resources projects.

Position Responsibilities:

- Performing data collection, field investigation and documentation
- Estimating pond sizes and floodplain impacts during Feasibility and Project Development phases
- Utilizing GIS, ICPR4, and CatchmentSIM to analyze the existing drainage condition and designing the proposed stormwater management facility for roadway projects to include minor, major, and limited access facilities
- Performing bridge hydraulics analysis using HEC-RAS
- Evaluating and establishing floodplain elevations on a watershed-scale
- Preparing drainage-related construction plans – drainage maps, pond detail sheets, drainage structure cross sections for roadway improvement projects

The Balmoral Group's Stormwater and Water Resources team design primary and secondary drainage systems for major and limited access roadways, establish floodplain elevations through watershed modeling, perform bridge hydraulics analysis including FEMA No-Rise analysis, and evaluate BMP solutions to alleviate flooding and improve water quality. TBG has helped Orange County develop their Low Impact Development Manual and recently facilitated the update of the Watershed Management Program Guidelines and Specifications Manual for SWFWMD.

Work Environment and Impact

The Balmoral Group is headquartered in downtown Winter Park, Florida with additional offices in Tallahassee, Seattle, Washington and Sydney & Queensland, Australia. TBG has a personable and casual work environment where our employees actively receive robust mentorship from Senior Managers, Directors and Partners to encourage professional development and expose employees to a diversity of projects and tasks. We offer our staff a highly desirable compensation package with benefits including:

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| ✓ Competitive Pay | ✓ Health Insurance | ✓ Tuition Reimbursement | ✓ Paid Family Leave |
| ✓ Sabbatical Policy | ✓ 401K Match | ✓ Paid Career Development | ✓ Profit Sharing |
| ✓ Flexible Hours | ✓ Hybrid Work | ✓ Paid Time Off | |

The Balmoral Group combines engineering design expertise with economics, environmental analysis and GIS capabilities. Our engineering design staff has established an excellent reputation for providing high-quality consulting services in water resources and transportation. We are renowned for our complex hydrologic and hydraulic modeling skills using GIS and the latest software to develop a cohesive drainage plans early in the design process.

Job Title

Water Resources Engineer

Employment Type

Full Time

Experience

Entry level; 0-2 years

Basic Qualifications

- A Bachelor's degree in Civil or Environmental Engineering with an interest in Water Resources and/or Stormwater fields
- Has obtained the Engineering Intern (EI) certification, or ability to obtain within 6 months of start date
- Strong verbal and written communication skills
- Ability to work independently or in a team environment
- Positive attitude with eagerness to participate in a dynamic work environment

Preferred Qualifications

- Hands-on experience with ICPR and GIS
- DOT/Roadway drainage design experience, including Microstation and Geopak or AutoCAD Civil 3D
- Master's degree or interest in pursuing

