

Water Resources Engineer

Sheladia Associates is currently seeking an energetic, highly motivated, detail-oriented Water Resources Engineer for our Rockville, MD office. The successful applicant will join a highly successful and growing team of engineers and planners working with some of the area's most advanced projects and will have the opportunity to develop the engineering team to their full extent in Storm Water Management Drainage, Hydrology & Hydraulics and similar water resource projects.

The responsibilities for this position include, but are not limited to:

- Function as the lead designer/ Project Manager in the preparations, organization and submission of drawings, reports, bid documents, and computations for relevant projects and will be the point of contact with the client
- Develop and supervise the design of storm drainage, hydraulics and hydrology, and major/ minor SWM and pond retrofit projects including Low Impact Developments and Green Infrastructure projects - from concept to detailed design stages
- The utilization of most engineering theories and practices in the relevant field
- Candidate will also be part of the team in maintaining the relationship with existing clients and bringing new clients and other business development activities

Minimum Requirements:

- Bachelor's degree in Civil Engineering a master's degree is preferable
- 6+ years of related work experience, and registration as a Professional Engineer in MD, DC (preferred) and/ or VA
- Technical proficiency in the field of water resources including storm drainage, hydraulics and hydrology, SWM, site grading, erosion and sediment control, flood plain, and report/ proposal writing
- Experience in stream restoration projects is a plus
- Knowledge of industry requirements and MD (preferred) DC, and / or VA DOT's standards.
- Proficiency with all or some of the following computer applications: HEC-HMS, HEC-RAS, HEC 1& 2, ModFlow, TR-20, TR-50, HY-8, HydroCAD, FlowMaster, StormCAD, MicroStation V8, InRoads, Geopak, MS Office
- Excellent oral and written communication skills
- Willingness to travel to local project sites for design purposes