

**CITY OF FAYETTEVILLE, NC**  
**WATERSHED MODELING ENGINEER**

**Fayetteville, NC (pop. 210,000)** The City of Fayetteville is an award-winning city that is home to Fort Bragg, the Army's headquarters for Airborne and Special Operations forces, and Pope Army Air Field. Located in Cumberland County, the City is more than 250 years old and steeped in history. The City's 150 square miles include a historic downtown shopping area, numerous historic sites, seven museums, three colleges and universities, multiple entertainment venues, and award-winning golf courses. Fayetteville is conveniently located within two hours of Myrtle Beach and other east coast beaches, as well as within close proximity to camping, fishing and hiking.

The Watershed Modeling Engineer position is part of the Public Services Department and will report to the Stormwater Manager. The Engineer is responsible for performing highly complex professional civil and watershed modeling work including design and review of drainage studies, drainage master plans and associated projects, preparing cost estimates, contracting, drafting specifications and collecting site data. The position will complete comprehensive watershed management plan development; provide project engineering and task management; envision and manage complex technical planning projects and programs. Additionally, the Engineer will conduct hydraulic and hydrologic modeling and watershed management system modeling and lead the development of design plans, specifications and estimates for water source projects including monitoring those projects.

The Watershed Modeling Engineer will also compose, evaluate and review plans, specifications, designs and related documents, technical reports and letters, proposal, reports and studies related to watershed management as well as participate in the development and preparations of plans, specifications and cost estimates for proposed public improvement projects. The Engineer is also charged with participating in the annual budget preparation for the Engineering Division including forecasting additional funds needed for staffing, equipment, materials and supplies while also monitoring expenditures and implementing adjustments as needed. Additionally, the Engineer will answer questions and provide information to the general public; provide relevant information to the designated City's Public Information Officer (PIO); investigate and manage complaints to include the design, analysis, drawings, permits, reports, meetings, coordination and construction as required for watershed management.

The successful candidate will have the following qualifications and experiences:

- An ability to provide watershed modeling direction for the City's long-range capital plan for watershed management through their Engineering Division and the ability to manage and guide those projects from beginning to end.
- An advanced knowledge of principles and practices of hydrology, hydraulics, and watershed management systems and a thorough knowledge of governmental regulations, particularly as it relates to the Environmental Protection Agency watershed regulations, the US Federal Highway Administration and the Clean Water Act as well as applicable sections of the City's Code of Regulations or other agency regulations that apply to the City's facilities and permits required for watershed management.
- An ability to cultivate a strong working relationship with residents, employees, businesses and stakeholders by providing leadership on stormwater regulations.
- A bachelor's degree in civil engineering or related field from an accredited college or university with 4 to 7 years of increasingly responsible professional experience in civil engineering working with water resources modeling software;

- Additionally, a Project Management Professional (PMP) is preferred or significant experience with ArcGIS and/or the designation as a Certified Floodplain Manager (CFM) or North Carolina Professional Engineer (PE) license or Engineer in Training (EIT).

The anticipated hiring salary range for the position is \$62,879 - \$80,844 DOQ with a excellent benefit package. Interested candidates should apply online at [www.GovHRJobs.com](http://www.GovHRJobs.com) by March 18, 2020 with resume, cover letter and contact information for at least five (5) professional references to the attention of Sarah McKee, Senior Vice-President, GovHR USA, 630 Dundee Road #130, Northbrook, IL 60062. Tel: (224) 282-8310.

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