

Stormwater Engineer

FLSA Status: *Exempt*

General Definition of Work

Under general supervision, primarily responsible for performing technical development plan reviews and inspections to ensure compliance with Town, State and Federal stormwater regulations and guidelines; providing administrative support to coordinate Certificates of Construction Compliance; and managing financial assurances for development. Duties require employee to exercise initiative, sound judgement, courtesy, and tact when explaining codes and requirements to developers, contractors, engineers, property owners and the public. Secondary duties include offering as-needed support to other program areas of the Town's NPDES Permit and Municipal Separate Storm Sewer System (MS4) program such as inspections, modeling and supporting stormwater and water quality Capital Improvement Projects. This position reports directly to the MS4 Program Manager in the Engineering Department.

Essential Functions

The following functions are intended only as illustrations of the various types of work performed. The omission of the specific duties does not exclude them from the position if the work is similar, related or a logical assignment to the position.

Coordinate with staff in other Departments as needed for the timely review of stormwater applications and plans for compliance and completeness.

Evaluate stormwater plan calculations, drawings and narratives to assure compliance with applicable Town, State and Federal codes and requirements including, but not limited to, grading and drainage, impact to adjacent development, sediment and erosion control, and Best Management Practice (BMP) design.

Represent the Engineering Department to communicate applicable stormwater standards in pre-application meetings, Development Review Committee meetings, and other meetings as necessary with the applicant or public.

Responsible for evaluating surety amounts for development permits and ensuring completion of improvements in accordance with appropriate plans, standards and specifications through the Certificate of Construction Compliance process prior to release of surety.

Prepares correspondence, reports and related documents and communicates effectively with and responds to individuals and groups and other Town staff regarding stormwater management regulations, policies and procedures.

Addresses complaints from concerned parties, and resolves issues in a timely and courteous manner.

Support the Town's MS4 program as necessary including post-construction BMP maintenance, sediment & erosion control inspections, illicit discharge detection & elimination investigations.

Participate in the development and update of watershed/water quality stormwater model(s) for water bodies affected by Town of Bluffton development.

Participate, as needed, in the development and evaluation of Stormwater Capital Improvement Projects, as well as May River Watershed Action Plan recommendations, ensuring compliance with any local, state, or federal requirements/policies, as well as current technologies in Best Management Practices.

Perform emergency or disaster-related duties as assigned. Participate in post disaster recovery plan.

Attend meetings, conferences, workshops, and training sessions; reviews publications and audiovisual materials to maintain required certifications and remain current on principles, practices, and new developments in assigned duty areas.

Perform other duties as assigned.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Stormwater Engineer

Knowledge, Skills and Abilities

Comprehensive knowledge of all applicable federal, state, and local codes related to required work, standard erosion protection practices and standard sedimentation control practices; comprehensive knowledge of Best Management Practices for South Carolina and the Town of Bluffton and understanding of construction industry practices, methods, operation, and materials regarding stormwater systems; comprehensive knowledge of the department's policies and procedures; comprehensive knowledge of investigation techniques and methods of inspection; comprehensive knowledge of methods and techniques of the construction trade(s) applicable to specialized area of assignment; ability to understand, interpret and make recommendations on horizontal construction plans, codes, ordinances and drawings; must be able to work outdoors in a variety of weather conditions for extended periods of time; ability to effectively and assertively enforce specifications and regulations in a fair, impartial and courteous manner; must be able to analyze maps, codes, and legal descriptions, and make appropriate judgments on compliance or non-compliance issues; ability to establish and maintain effective working relationships with Town management and personnel, area businesses, Property Owner Associations, homeowners, contractors, architects, engineers, developers, other related professionals, and the general public; ability to communicate effectively with others, both orally and in writing, using technical and non-technical language; ability to prepare and present accurate and reliable reports containing findings and recommendations; ability to operate a personal computer using standard or customized software applications appropriate to assigned tasks; ability to use logical and creative thought processes to develop solutions according to written specifications and oral instructions; must be able to perform a wide variety of duties and responsibilities with accuracy and speed under the pressure of time-sensitive deadlines; integrity, ingenuity, and inventiveness in the performance of assigned tasks is necessary.

Education and Experience

Bachelor of Science Degree in Engineering or related field and a minimum of 5 years work experience in the stormwater plan review or related field; or any combination of education, experience and training which provides the equivalent scope of knowledge, skills, and abilities necessary to perform the work.

Physical Requirements

This work requires the regular exertion of up to 10 pounds of force, and occasional exertion of up to 50 pounds of force; work regularly requires speaking or hearing and using hands to finger, handle or feel; frequently walking, sitting, reaching with hands and arms, pushing or pulling, lifting and repetitive motions and occasionally requires standing, climbing or balancing, stooping, kneeling, crouching or crawling and tasting or smelling; work requires close vision, distance vision, ability to adjust focus, depth perception, color perception, night vision and peripheral vision; vocal communication is required for expressing or exchanging ideas by means of the spoken word and conveying detailed or important instructions to others accurately, loudly or quickly; hearing is required to perceive information at normal spoken word levels and to receive detailed information through oral communications and/or to make fine distinctions in sound; work requires preparing and analyzing written or computer data, visual inspection involving small defects and/or small parts, using of measuring devices, operating motor vehicles or equipment and observing general surroundings and activities; work regularly requires exposure to outdoor weather conditions and occasionally requires working near moving mechanical parts, working in high, precarious places, exposure to fumes or airborne particles, exposure to toxic or caustic chemicals, exposure to the risk of electrical shock, working with explosives and exposure to blood borne pathogens and may be required to wear specialized personal protective equipment; work is generally in a moderately noisy location (e.g. business office with copy machines, telephones and/or computer printers, light traffic).

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Stormwater Engineer

Special Requirements

Registered Professional Engineer in the State of South Carolina preferred.

Must have certification as a South Carolina Certified Stormwater Plan Reviewer within six (6) months of hire.

Must complete South Carolina Certified Erosion Prevention & Sediment Control Inspector training within six (6) months of hire.

Must complete defensive driving training within 90 days of hire.

Must complete National Incident Management System 700a and 100b within 90 days of hire.

A valid South Carolina driver's license is required.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.