

TITLE: Environmental Engineer

ENG/2

DEPARTMENT: Engineering, Fayette County

JOB SUMMARY: This position is responsible for providing engineering support in the implementation and enforcement of county development regulations and for managing the county's Stormwater Management Program.

MAJOR DUTIES:

- o Reviews Stormwater Management Plans to ensure compliance with county development regulations, including water quality, channel protection, and flood protection criteria.
- o Manages the county Stormwater Management Program.
- o Performs field inspections to identify state waters, verify construction activities, approve as-build conditions, and resolve drainage problems.
- o Reviews Stormwater Operations and Maintenance Plans; implements and enforces Stormwater Inspection and Maintenance Agreements.
- o Manages and implements the county's Illicit Discharge Detection, Elimination Program, and the Comprehensive Pollution Prevention Program.
- o Reviews preliminary plats, construction drawings, site plans, final plats, and rezoning requests; approves or denies design packages.
- o Runs hydrologic and hydraulic models, CADD and GIS computer software, GPS data collectors, and basic surveying equipment; performs stormwater related design calculations.
- o Meets with developers, contractors, and engineers to resolve problems and answer questions concerning compliance with county regulations and general engineering principles.
- o Assists with the general implementation and enforcement of the county's development regulations and related environmental programs, especially stormwater management.
- o Investigates and resolves customer service requests.
- o Performs other related duties as assigned.

KNOWLEDGE REQUIRED BY THE POSITION:

- o Knowledge of hydrologic and hydraulic processes; concepts associated with water quality, channel protection, and flood protections.
- o Knowledge of water quality and chemistry.
- o Knowledge of the goals and objectives of EPD and EPA watershed protection programs.
- o Knowledge of relevant federal, state, and local laws.
- o Knowledge of computers and job related software programs.
- o Skill in reading and assessing construction drawings, specifications, and plats.
- o Skill in the interpretation and application of regulations and standards.
- o Skill in public and interpersonal relations.
- o Skill in oral and written communication.

SUPERVISORY CONTROLS: The Director of Public Works assigns work in terms of department goals and objectives. The supervisor reviews work through conferences, reports, and observation of department activities.

GUIDELINES: Guidelines include federal, state, regional, and local laws, codes and polices related to environmental protection, transportation, safety, building, and development and technical manuals and policy paper issued by professional organizations and federal agencies. These guidelines require judgment, selection, and interpretation in application. This position develops department guidelines.

COMPLEXITY: The work consists of varied management, supervisory, and engineering duties. Frequent changes to regulations contribute to the complexity of the position.

SCOPE AND EFFECT: The purpose of this position is to provide engineering support in the implementation and enforcement of the county's development regulations and to manage the county's Stormwater Management Program. Success in this position contributes to the enforcement of county regulations.

EXEMPT

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PERSONAL CONTACTS: Contacts are typically with other county personnel, engineers, surveyors, architects, contractors, developers, elected and appointed officials, environmentalists, civic organizations, planners, realtors, and members of the general public.

PURPOSE OF CONTACTS: Contacts are typically to give or exchange information; resolve problems; provide services; motivate and influence persons; or justify, defend, negotiate, or settle matters.

PHYSICAL DEMANDS: The work is typically performed while intermittently sitting, standing, stooping, or walking.

WORK ENVIRONMENT: The work is typically performed in an office or outdoors. The employee may be exposed to occasional cold or inclement weather.

SUPERVISORY AND MANAGEMENT RESPONSIBILITY: This position has direct supervision over Engineering Technician (1).

SPECIAL CERTIFICATIONS AND LICENSES: Possession of a valid State of Georgia driver's license (Class C) and a satisfactory Motor Vehicle Record (MVR) in compliance with County Safety and Loss Control Guidelines. Completion of the State of Georgia Department of Transportation Defensive Driving Course and/or Emergency Vehicle Operation Certification within twelve (12) months of employment.

ADA COMPLIANCE: Fayette County is an Equal Opportunity Employer. ADA requires the County to provide reasonable accommodations to qualified individuals with disabilities. Prospective and current employees are invited to discuss accommodations.

HIPAA COMPLIANCE: The Health Insurance Portability and Accountability Act of 1996, as amended, requires employees to protect the security of Protected Health Information (PHI) however it is obtained, handled, learned, heard or viewed in the course of their work.

DRUG AND ALCOHOL COMPLIANCE: In accordance of Fayette County's Substance Abuse Policy of 1996, as amended, all job applicants offered employment will undergo testing for the presence of illegal drugs and alcohol as a condition of employment. In the course of employment, employees are subject to random, reasonable suspicion, post accident and routine fitness for duty testing for illegal drugs and alcohol abuse. Employees are prohibited to work under the influence, to possess, to distribute or to sell illegal drugs in the work place or abuse alcohol on the job. Confirmed positive is reason for denial of employment and/or termination.

MINIMUM QUALIFICATIONS

- o Knowledge and level of competency commonly associated with completion of baccalaureate degree in a course of study related to the occupational field.

EXEMPT

- o Sufficient experience to understand the basic principles relevant to the major duties of the position, usually associated with the completion of an apprenticeship/internship or having had a similar position for one to two years.
- o Possession of or ability to readily obtain a valid driver's licenses issued by the State of Georgia for the type of vehicle or equipment operated.
- o Possession of or ability to readily obtain Georgia Soil and Water Conservation Commission certification.