

UTILITIES ENGINEER

CODES/PAY GRADE

Class Code: 3512 EEO Code: A FLSA: E Pay Grade: E

MAJOR FUNCTION

Professional work in planning, managing and overseeing the overall utility system.

ILLUSTRATIVE DUTIES

(NOTE: These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment of the position.)

Reviews development plans for new construction within the unincorporated areas of the County with respect to water and sewer utilities.

Assists the Public Works Center Director in the negotiation and acquisition of privately held utility systems within the County.

Acts as construction manager for new utility plant construction for the County utilities.

Prepares utility activity capital improvement budget. Assists on the five year capital improvement plan for utility and coordinates plan implementation.

Prepares long range improvement and growth plans for utility.

Inspects utility improvements, both subdivision and plant while under construction.

Represents the County and the utility at various meetings of the regulatory agencies and local organizations.

Coordinates the necessary permitting with the various regulatory agencies for the operation of the County Utility Water and Sewer Plants.

Performs related work as required.

KNOWLEDGE, ABILITIES AND SKILLS

Knowledge of the theory, principles and practices of civil engineering as related to utilities systems (water/wastewater.) Knowledge of practices, methods, techniques, equipment used in

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construction of water and wastewater systems. Knowledge of processes in the construction, operation, and maintenance of water and sewer treatment plants.

Ability to plan, layout, design and develop plans and specifications for water and sanitary sewer projects. Ability to supervise others effectively.

MINIMUM QUALIFICATIONS

Bachelor's degree in Civil, Sanitary or Environmental Engineering, and five (5) years experience in utilities engineering with three (3) years of supervisory experience. Must be registered as a Professional Engineer (PE) by the State of Florida.

A comparable amount of education, training or experience may be substituted for the minimum experience.

ADA REQUIREMENTS:

Mental Demands: Ability to read and comprehend technical and professional journals, manuals and procedures; financial reports, legal documents, statutes and ordinances; maps, blueprints, layouts; safety instructions; abstracts. Ability to perform shop math and advanced mathematical functions. Ability to write technical and detailed reports, summaries, evaluations, opinions, financial reports, instructions, memos. Ability to speak publicly and extemporaneously; ability to relate information, data and details to layman; conversant in theory and practices of discipline. Ability to analyze data and develop conclusions. Ability to identify and resolve problems.

Physical Demands: Light work. Ability to see, hear, talk, climb, crouch, crawl, kneel, reach, balance, climb, and finger dexterity.

Environmental Demands: Inside work. Limited (33%) outside exposure requiring ability to tolerate inclement weather (heat, rain, cold, humidity), noise/vibration, dust, odors, fumes and poor ventilation.

Revised 10/97
Replaces 10/94