ENGIN EER III (SEWERS)

DISTINGUISHING FEATURES OF THE CLASS: This is professional work of a complex nature involving responsibility for supervision of various construction and renovation projects with the Rockland County Sewer District #1. The work is performed under the general supervision of an Engineer IV (Sewers) or other higher-level engineer and supervision may be exercised over lower-level engineers. Does related work as required.

TYPICAL WORK ACTIVITIES:
Supervises the design and preparation of plans and specifications for alteration and addition to or enhancement of wastewater treatment plant and pumping station facilities and equipment, sewer system components, buildings, grounds and roadways, etc.;
Evaluates technical and economic need for rehabilitation, upgrading or expansion of District facilities, buildings, grounds, roadways, etc. and provides detailed analyses for consideration by the Board of Commissioners;
Supervises construction projects in the rehabilitation, upgrade and expansion of various District facilities;
Monitors and coordinates contractor and sub-contractor schedules among projects and with the Sewer District’s operations and maintenance activities;
Plans ongoing comprehensive sewer system maintenance program and infiltration/inflow removal program;
Provides technical and engineering support as required for all aspects of operations and maintenance activities, including emergency response planning and actual response;
Prepares and may conduct or supervise the conduct of training programs for technical, operations and maintenance personnel;
Prepares pay estimates and punch lists;
Reviews shop drawings;
Negotiates change orders and reviews claims documentation;
Inspects and accepts work;
Supervises the activities of the various repair and supply contractors in use by District, as assigned.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:
Good knowledge of the principles, practices and techniques of civil engineering programs, especially as related to sewer and sewer plant construction; good knowledge of physics and mathematics; working knowledge of laws and regulations governing wastewater treatment; ability to plan, develop and direct civil engineering programs relating to sewer and sewer plant construction; ability to deal effectively with contractors and/or other professional personnel; ability to prepare complex technical reports and correspondence.

MINIMUM QUALIFICATIONS: Possession of a license to practice as a Professional Engineer in New York State* and one (1) year of engineering experience that involved work in design and construction management** of wastewater treatment plants, sewer lines, pumping stations, and/or related facilities.

SPECIAL REQUIREMENT: License to practice as a Professional Engineer in New York State must be maintained throughout the course of employment in this title.

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*Possession of a license to practice as a Professional Engineer issued by another state is acceptable for temporary or provisional appointment, but a New York State license is required prior to permanent appointment.

**Construction management is defined as the oversight of construction in order to ensure adherence to design requirements by performing one or more of the following as a substantial portion of the work: reviewing shop drawings, attending/running job meetings, performing field inspections, supervising inspectors, documenting work progress, approving field changes, processing change orders and processing periodic payments.