

ENGINEER 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 a higher-level administrator and may involve supervision of engineering, technical and/or clerical employees. 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:

Thorough knowledge of the principles, practices and techniques of 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 engineering programs and activities relating to sewer and sewer plant construction; ability to plan, lay out and supervise engineering activities; ability to communicate effectively both orally and in writing; ability to prepare complex technical reports, correspondence and resolve problems.

MINIMUM QUALIFICATIONS: A Professional Engineer's license (PE) issued by the State of New York and two (2) years of post-licensure engineering experience that substantially involved the work in design and construction management* of wastewater treatment plants, sewer lines, pumping stations, and/or related facilities.

*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.

(over)

PROMOTION: One year of permanent status as an Engineer II (Sewers)**

**Must possess or obtain a Professional Engineer's license (PE) by the time of appointment.

SPECIAL REQUIREMENT: Must maintain the Professional Engineer's license (PE) issued by the New State of New York throughout the course of employment in this title.