

## **ENGINEER III (SEWERS)**

**DISTINGUISHING FEATURES OF THE CLASS:** This is complex, professional engineering work overseeing various construction and renovation projects with the Rockland County Sewer District. The work is performed under the general supervision of a higher-level administrator and supervision is provided to engineering, technical and/or clerical employees. Does related work as required.

### **TYPICAL WORK ACTIVITIES:**

Oversees the design and development of plans and specifications for improvements and upgrades to wastewater treatment facilities, pumping stations, sewer system components, buildings, grounds and roadways, etc.;

Assesses the technical and economic requirements for rehabilitation, upgrading or expanding district facilities, buildings, grounds, roadways and related infrastructure and prepares and provides comprehensive analyses for review by the Board of Commissioners;

Oversees construction projects focused on the rehabilitation, upgrade and expansion of district facilities;

Manages and coordinates contractor and sub-contractor schedules across projects, ensuring alignment with sewer district operations and maintenance activities;

Develops and implements ongoing sewer system maintenance and infiltration/inflow reduction programs;

Provides technical and engineering support as required for all aspects of operations and maintenance activities, including emergency planning and response;

Prepares and may supervise training programs for technical, operations and maintenance personnel;

Prepares pay estimates and punch lists;

Reviews shop drawings;

Negotiates change orders and reviews claims documentation;

Reviews and approves completed work;

Oversees the work of various repair and supply contractors engaged by the District;

May arrange for training of staff on the operations and maintenance of new equipment, as necessary.

### **FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:**

Thorough knowledge of the principles, practices and techniques of engineering programs related to sewer and wastewater treatment plant construction; good knowledge of physics and mathematics; good knowledge of laws and regulations governing wastewater treatment; ability to plan, develop and direct engineering programs and activities related to sewer and wastewater treatment plant construction; ability to plan and supervise engineering activities; ability to supervise the work of others; ability to plan and interpret engineering plans and specifications; ability to communicate effectively both orally and in writing; ability to prepare complex technical reports and correspondence; ability to 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 which involved the design and construction management\* of wastewater treatment plants, sewer lines, pumping stations and/or related facilities as a major function of the work (a major function of the work is defined as 50% or more of the day-to-day work experience), one (1) year of which must have involved the supervision of staff.

**PROMOTION:** Two (2) years of permanent status as an Engineer II (Sewers).

### **SPECIAL REQUIREMENTS:**

1. Must maintain the Professional Engineer's license (PE) issued by the New State of New York throughout the course of employment in this title.
2. Possession of a valid driver's license.

(over)

3. Pre-employment medical examination and medical clearance for the use of respiratory equipment.

\*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.

R.C.D.P. (12.11.2019) 12.19.2024  
Competitive

07.26.2024 New York State Civil Service approved Non-competitive title in the NY HELPS Program.