

JOB TITLE: PROJECT ENGINEER

The Springfield Water and Sewer Commission (Commission) is seeking a highly motivated, energized, and innovative engineer to work as a ***Project Engineer*** for our Engineering and Technical Services Department in Agawam, MA. This position is responsible for managing various capital and operations projects and other assignments associated with the Department. The Project Engineer will take assignments from senior engineering staff and will report to the Director of Engineering.

The water sector is an exciting field that enables career growth, continual learning, and the opportunity to be a part of solutions to today's most pressing water issues such as infrastructure renewal, climate change resiliency, emerging contaminants, and sustainability. The Commission is the second-largest water and wastewater system in New England, and leads and embraces bold initiatives that will reshape the water sector both locally and nationally for the 21st century. Recently the Commission was identified as a pending recipient of a competitive \$251 million federal Water Infrastructure Finance and Innovation Act (WIFIA) loan to accelerate its capital improvement program; a total of \$550 million in infrastructure improvements is planned over the next five years. The Commission was the only recipient identified in New England for the WIFIA program. Projects will include large-scale water and wastewater treatment plant upgrades, hydro-electric generating facilities, distribution and collection system upgrades, transmission infrastructure replacement, and system-wide water conservation projects, among others.

The successful candidate will be attracted to this career-defining opportunity to participate directly in the largest portfolio of water and wastewater infrastructure renewal to take place in the region in generations. The rewards include the opportunity to impact the future of the Commission's delivery of clean and safe water for decades to come, while providing an invaluable public service to area communities. Excellent pay, competitive benefits, leadership opportunities, and professional growth support are also offered.

About SWSC: SWSC was established in 1996 as an independently operated and managed regional water and wastewater utility that provides retail and wholesale water and sewer service to approximately 250,000 customers across multiple communities in the lower Pioneer Valley. Approximately 250 employees operate and maintain a system of one thousand miles of water and sewer pipe, two treatment plants, three reservoirs, 18,000 acres of watershed land, ten dams, and other critical public water infrastructure assets. The Commission's independent governance model allow it to quickly and effectively navigate the many challenges faced by the water sector.

Mission Statement: SWSC's mission is to provide an uninterrupted, high-quality supply of water to our customers, to collect and treat wastewater, and return clean water to the environment. www.waterandsewer.org

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Perform reviews and approvals of new and replacement water and sewer services: this work may include coordination, design, design reviews, installation, and inspection services

- Respond to questions, requests for information and complaints from customers, property owners, contractors, engineers and other City Department personnel.
- Assist operations crews and consultants with observation of leak detection, distribution main flushing, transmission and distribution valve rehabilitation, service and replacement.
- Manage and/or assist with various capital project designs including work order development, technical report reviews, and construction document reviews.
- Generate requests for proposals, specifications, drawings and other contract documents.
- Perform general office functions including word processing, document preparation, photo copying, filing, archiving, library organizing, report preparation etc.
- Utilize engineering computer applications including Excel, Word, AutoCAD, power point, hydraulic modeling, GIS, VueWorks, and Springbrook.
- Perform field activities such as dam inspections, pump station inspections, and construction oversight.
- Perform cost estimating, project scheduling, and progress report preparation.
- Perform other related duties as assigned.

KNOWLEDGE, ABILITIES, AND SKILLS:

- Knowledge of the principles and practices of Civil and Environmental Engineering as applied to water and wastewater engineering and construction focused on water distribution systems, sanitary sewer collection systems, dams, water storage and transmission and water treatment is required.
- Ability to use a computer and associated software and programs for engineering analyses, hydraulic modelling, database management, document preparation, and general information management is preferred.
- Ability to manage small scale capital projects with some oversight from Senior SWSC staff
- Ability to work with and manage engineering and other consulting companies working on SWSC behalf with some oversight from Senior SWSC staff
- Ability to understand and interpret engineering plans and specifications
- Ability to perform general civil and environmental engineering calculations
- Ability to perform on-site resident inspection services and resolve conflicts with contractors
- Ability to establish and maintain a positive attitude and work ethic with a group office dynamic
- Ability to communicate clearly and concisely, both orally and written
- Ability to work within confined spaces with proper training
- Ability to work with the Department of Public Works, other City Departments and other municipalities or industries serviced by the Commission
- Ability to interact with traffic control around construction sites
- Ability to maintain physical condition appropriate to the performance of assigned duties and responsibilities which may include walking, standing, or sitting for extended periods of time and operating assigned office and/or field equipment

EDUCATION AND EXPERIENCE:

- Bachelor's Degree in Engineering (Civil or Environmental is preferred) is required.
- Minimum of 5-10 years of applicable experience in the field of municipal potable water and/or wastewater engineering or applicable consulting engineering field is required.
- Some project management, scheduling, and budgeting experience is preferred.

LICENSES:

- Must possess and maintain a valid Driver's License.
- Certification as a Professional Engineer (PE) in the State of Massachusetts is preferred.
- Must obtain and maintain a Grade III Distribution Operator in Training (OIT) License within (3) three years.
- Must obtain and maintain a Collection Systems Operator Certificate Grade III within (3) three years.

Qualified candidates should send their resume, cover letter and salary requirements to jennifer.kerr@waterandsewer.org.

EOE/AA