



CITY OF SOMERVILLE, MASSACHUSETTS
HUMAN RESOURCES DEPARTMENT
KATJANA BALLANTYNE
MAYOR

The Water and Sewer Engineer is responsible for defining, planning, managing and implementing maintenance and construction projects within the City's water and sewer distribution system.

Essential Functions

The essential functions or duties listed below are intended only as illustrations of the various type of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.

Under direction of the Director of Water & Sewer, develops specifications, designs and oversees others such as vendors or subcontractors for construction and maintenance of water distribution. system and the wastewater collections system projects.

Collects data and records details of completed projects.

Applies proper technical and construction techniques to any problems identified.

Develops data, studies, and cost estimates for long and short term planning of water distribution facilities.

Evaluates, recommends and documents any required changes to designs, studies, drawings and specifications of distribution facilities prepared by others.

Oversees construction of the distribution and collection system facilities.

Facilitates the timely and efficient completion of planned projects in accordance with established guidelines, specifications and financial constraints.

Performs field work related to projects as necessary, including inspections of work performed by internal and external forces.

Manages updates and calibration of hydraulic models.

Recommended Minimum Qualifications

Education and Experience: Bachelor of Engineering and between three to five (3-5) years' experience in the engineering field; or any equivalent combination of education, training and experience which provides the required knowledge, skills and abilities to perform the essential functions of the job.

Special Requirements

- Massachusetts Drinking Water Supply Facility Operator License D4 preferred, or the ability to obtain within 3 years.
- Valid MA Class D driver's license.
- Massachusetts Engineer-in-Training (EIT) certificate, issued per 250 CMR 3.00, preferred.

Knowledge, Abilities and Skill

Knowledge: Knowledge of civil engineering principles and practices of water distribution system construction and maintenance

Abilities: Ability to analyze information and data

Skill: Skill with computer programs such as Microsoft Office. Hydraulic modeling experience (preferred).

Work Environment

The work environment involves everyday discomforts typical of offices, with occasional exposure to outside elements. Noise or physical surroundings may be distracting, but conditions are generally not unpleasant. Employee may be required to work beyond normal business hours in response to attend evening meetings or complete work assignments. When in the field, work is under typical shop conditions.

Physical and Mental Requirements

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the position's essential functions.

Physical Skills

Few physical demands are required to perform the work. Work effort principally involves sitting to perform work tasks, with intermittent periods of stooping, walking, and standing. May also be some occasional lifting of objects such as office equipment and computer paper (up to 30 lbs.)

Motor Skills

Duties are largely mental rather than physical, but the job may occasionally require minimal motor skills for activities such as moving objects, operating a telephone, personal computer and/or most other office equipment including word processing, filing and sorting of papers.

Visual Skills

Visual demands require constantly reading documents for general understanding and analytical purposes.

Hours Full-time (40 hours a week, Monday through Friday)

Salary \$1,541.20 per week + benefits

To apply, please visit:

<https://cityofsomerville.applytojob.com/apply/QtOFnhggwr/Water-And-Sewer-Engineer>

Application Deadline: August 22, 2022