

# City of **Somerville**

## Water and Sewer Engineer Job

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

**Salary:** \$1,541.20 weekly + benefits

Union: Non-Union

Date Posted: July 19, 2022

To apply visit: [somervillema.gov/apply](https://somervillema.gov/apply). The position is open until filled.

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*City of Somerville residents are especially encouraged to apply.*

*The City of Somerville is an affirmative action/equal opportunity employer and does not discriminate based on race, color, sex, religion, age, national origin, disability or any other protected category. Women, minorities, veterans, and persons with disabilities are encouraged to apply. Auxiliary aids and services, written materials in alternative formats, and reasonable modifications in policies and procedures will be provided to qualified individuals with disabilities free of charge, upon request.*

*Persons with disabilities who need auxiliary aids and services for effective communication (i.e., CART, ASL), written materials in alternative formats, or reasonable modifications in policies and procedures in order to access the programs, activities, and meetings of the City of Somerville should please contact Adrienne Pomeroy at 617-625-6600 x 2059 or [apomeroy@somervillema.gov](mailto:apomeroy@somervillema.gov).*

## Benefits Somerville Offers

- 4 weeks annual vacation (for non-union positions) & for union positions this varies by contract
- Medical insurance through the Group Insurance Commission (GIC)
- Dental coverage low and high plans through Cigna
- Vision care through the Vision Service Plan (VSP)

- Long term disability through Sun Life
- Group and voluntary life insurance through Boston Mutual
- Flexible spending plans through Benefit Strategies
- Deferred compensation through a choice of three vendors
- Employee assistance through the Employee Assistance Program (EAP) provided by E4Health
- Cancer screening & wellness release
- Somerville Retirement Pension System
- Tuition reimbursement
- MBTA pass program
- FREE Blue Bikes membership
- Eligible employer for the Public Service Loan Forgiveness Program (PSLF)

*Benefits listed are for benefits-eligible positions and the above information is meant to be a general overview of the benefit programs offered by the City of Somerville. This is not a binding contract, for any questions relating to benefits for specific union and non-union positions please contact the Human Resources department by calling (617) 625-6600 x 3300.*

## COVID-19 Vaccination Required

To better protect the health and safety of staff and the public, all City of Somerville employees must be fully vaccinated against COVID-19 as of November 1, 2021. Exemptions and/or reasonable accommodations are not guaranteed and will be reviewed by the City of Somerville Human Resources Department on a case-by-case basis. Learn more at [www.somervillema.gov/HR/COVID19](http://www.somervillema.gov/HR/COVID19).