

City of Cambridge Water Department

Operator/DAF Plant/Systems Operator/Lab & Maintenance Technician

ESSENTIAL DUTIES AND RESPONSIBILITIES: Perform monitoring, operational and maintenance tasks necessary for the proper operation of all aspects of the Walter J. Sullivan Water Purification Facility, remote facilities, and system-wide SCADA network. Independently operates plant and residual system without supervision. Demonstrated ability to troubleshoot and solve operational problems during emergency scenarios and scheduled maintenance projects. Perform and coordinate maintenance tasks as necessary to maintain/improve plant operations. Routine contact with contractors, suppliers, internal employees and occasional contact with customers and the general public.

- Perform operational tasks to ensure water quality is maintained at predetermined levels that meet all regulatory requirements.
- Responsible shift charge for plant operation and maintenance while working alone.
- Monitor, interpret, report and archive data from the treatment plant and distribution SCADA systems.
- Support and monitor all energy conservation initiatives.
- Perform testing, calibration checks, maintenance and emergency repairs on operational equipment and instrumentation as directed.
- Collect raw and finished water samples; perform necessary procedures to measure water quality criteria.
- Assist in the creation of procedures and guidelines for optimizing operational, instrumentation and emergency response activities and tasks.
- Maintain accurate records of daily tasks, treatment data, equipment operation and maintenance.
- Perform custodial duties at treatment plant.
- Perform emergency coverage as required.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

MINIMUM REQUIREMENTS: Valid Commonwealth of MA Drinking Water Supply Facilities Certified Grade 3T (or C) Full or OIT Operator License required with three years' experience working in a Drinking Water Treatment facility. If candidate holds an OIT license they are required to obtain the Full 3T (or C) license within 18 months of employment, failure to meet this requirement will result in termination. Knowledge and experience in potable water treatment and disinfection plant operation and maintenance. Ability to comprehend complex problems, applies knowledge, judgment, and tact to work towards a resolution. Ability to actively participate in projects through successful completion. Ability to function in a team environment; associated skills to resolve problems and obtain positive results. Excellent communication skills. Ability to deal with customers in a manner that fosters a positive image of the Walter J. Sullivan Water Purification Facility. Ability to use various computer software, including but not limited to Intellution, Microsoft Excel and Word. Experience and familiarity with SCADA, database, spreadsheet, and word-processing software. Knowledge of safety procedures involving the use and handling of hazardous chemicals, confined space entry and related equipment. Valid Massachusetts driver's license.

PREFERRED REQUIREMENTS: Vocational training in electrical, mechanical, or environmental field. Associates degree in engineering, environmental science, chemistry, or other physical science. Knowledge and experience in water system operation, water quality analysis, hydraulics, pumps, chemical feed systems and instrumentation. Knowledge of ozonation, DAF and chloramination processes. Commonwealth of MA Drinking Water Supply Facilities Certified Grade 4T (or C) Full Operator License.

PHYSICAL DEMANDS: While performing the duties of this job, the employee is frequently required to sit, talk, walk, and hear, as well as climb ladders. Must have ability to access, input and retrieve information from a computer, answer telephones and maintain multiple files. Must have sufficient mobility to travel back and forth from various sites throughout the City. Must be able to lift at least 50 lbs. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

WORK ENVIRONMENT: Performs duties inside and outside of buildings. Exposure to all weather conditions, as well as to general office environments with air conditioning and fluorescent lighting. Protective equipment required in specified

work areas. Frequent work and maintenance activities are conducted in process equipment areas and chemical feed areas of the facility and offsite locations. Some work must be done in confined spaces.

RATE: \$32.36 to 36.77 per hour + excellent benefits

APPLICATION PROCEDURE: Internal applicants, submit job bidding form and **2 copies** of **both** your resume and cover letter; external applicants, submit **both** your resume and cover letter via email to employment@cambridgema.gov or to the Personnel Dept, Room 309, City Hall, 795 Massachusetts Avenue, Cambridge, MA 02139. Fax: (617) 349-4312. **Resume and cover letter requested by 11/22/22. Position will remain open until filled.**

THE CITY OF CAMBRIDGE IS AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER AND DOES NOT DISCRIMINATE ON THE BASES OF RACE, COLOR, SEX, RELIGION, AGE, NATIONAL ORIGIN, DISABILITY OR ANY OTHER PROTECTED CATEGORY. WOMEN, MINORITIES, VETERANS, MEMBERS OF THE LGBTQ+ COMMUNITY, AND PERSONS WITH DISABILITIES ARE ENCOURAGED TO APPLY. CITY OF CAMBRIDGE RESIDENTS ARE ESPECIALLY 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. THE CITY IS COMMITTED TO ADVANCING A WORKFORCE CULTURE OF ANTIRACISM, DIVERSITY, AND INCLUSION.