

Department of Community Utilities

Water Division

Job Posting

DRINKING WATER TREATMENT OPERATOR

Massachusetts Grade III – Grade IV

Third Shift: Wednesday – Sunday 12:00 a.m. to 8 a.m.

Float: Monday – Friday 8:00 a.m. to 4 p.m.

\$26.62 - \$31.00 / hour

(commensurate with experience)

Employees will have opportunities for overtime and access to an excellent benefits package including health, dental, vision life insurance and retirement.

Interested candidates should submit a resume to Olga Correia, Projects Manager, at ocorreia@fallrivrma.gov

Positions will remain open until filled.

GENERAL STATEMENT OF DUTIES:

Under the supervision of the Chief Water Treatment Plant Operator, as delegated by the Watuppa Water Board to the Director of Treatment & Resources, the WTP operator will perform technical work involved in the day-to-day and shift-to shift operation of a water treatment facility, including responsible charge of the designated work shift as operator of record and if the need arises, as a skilled technician for the repair, adjustment or replacement of WTP equipment and/or related systems. Fall River's water supply is a surface water source and as such, the operator should be familiar with the US EPA's Enhanced Surface Water Treatment Rule (ESWTR), as a minimum. This does not exclude having or developing a working knowledge of other applicable State and Federal requirements through training, as applicable.

In the absence of the Director and/or the Chief WTP Operator, the person in this position on any given/assigned shift, will assume the supervisory responsibilities for their shift as these duties relate to regulatory compliance and the management of any lesser grade operator and non-licensed personnel who may be on the same shift. This responsibility is defined pursuant to the provisions of 310 CMR 22.00 – the MA Drinking Water Regulations.

DISTINGUISHING FEATURES OF THIS CLASSIFICATION:

Work involves providing timely and efficient service to the people of the City for a variety of functions including the application and integration of sciences and skilled crafts to the operation and /or repair of a large full treatment potable water treatment facility. The operator should be familiar with and possess experience in the operation of a SCADA (Supervisory Control and Data Acquisition) system. The operator must be familiar with and will be responsible for conformance to City, State and Federal standards for all work performed, particularly as those duties relate to the Department of Environmental Protection's (DEP) Regulations (specifically, but not limited to the provisions of 310 CMR 22.00) and the rules and regulations (236 CMR 2.00 – 236 CMR 5.00, inclusive) of the MA Board of Certification of Operators of Water Supply Facilities.

The operator, when assigned to any given shift as the person in responsible charge, will need to exercise considerable independent action and response under regulatory guidelines, in addition to those policies and practices established by the Water Department for the City of Fall River. The operator will coordinate the work for which he/she is responsible with other city employees and will perform miscellaneous functions as may be assigned by the Director of Treatment & Resources. This position is subject to periodic review by the Director of Treatment & Resources pursuant to the Articles in the City' collective bargaining Agreement (CBA).

Examples of work (illustrative only- the omittance of any example of work does not necessarily exclude that work or duty from being performed by any employee in this classification):

The properly licensed WTP operator:

Operates a water treatment facility in responsible charge for the shift worked;

Reads and records data (as required and/or directed) on all aspects of the treatment process; makes daily log entries for shift(s) worked and documents SCADA information as necessary;

Performs manual log and computer data entry for WTP operations and depending on the shift assignment, prepares some monthly forms for submission to the MA DEP;

Makes calculations concerning the dosage and adjustment of treatment chemicals;

Implements and documents periodic adjustments to optimize treatment process and maintain regulatory compliance based on calculations and operational observations;

Performs basic laboratory testing of water and interprets/documents findings in view of established industry standards and WTP operating parameters;

Monitors equipment throughout the plant for malfunction;

Starts and stops chemical feed equipment as required and changes chlorine cylinders (when required) with the assistance of a watchman/attendant and/or another operator.

Troubleshoots equipment malfunctions and is able to perform basic repair services on water treatment equipment/support systems in the facility prior to calling in emergency staff for more serious repairs;

Maintains safe operating conditions and hygienic conditions in the facility to protect the public health;

Monitors standpipe data and adjusts pump configurations accordingly to optimize filling the distribution system and maintaining adequate system pressure during periods of high use;

Operates sedimentation basin cleaning and sludge removal equipment in accordance with pre-determined schedules;

Supervises the activities of WTP watchman/attendants and lesser grade personnel.

Makes meteorological readings and keeps records of same; and

Performs related tasks as required.

REQUIRED KNOWLEDG, SKILLS AND ABILITY:

The operator must possess a thorough knowledge of modern methods and technology of potable water treatment processes and equipment; a knowledge of basic inorganic chemistry, applied physics and mathematics through secondary algebra; mechanical and craft skills sufficient to make repairs to equipment; reading, writing and clerical skills sufficient to make log entries, computer knowledge of Excel, Word, and operational programs such as SCADA, must be able to comprehend training, regulatory and technical publications, manuals, etc.; should be able to exercise supervisory, communications and interpersonal skills sufficient to establish a productive and cooperative working relationship with other employees and supervisors; must show concern for the safety and well-being of self and other employees; show sufficient prudence to determine when situations require contact and conference with a supervisor; have a willingness to work overtime hours when required; have a positive “can-do” attitude and the ability to supervise employees into a unified work effort; present a willingness to work a shift operation within continuous operational setting (i.e.: 24/7/365). The successful candidate must also possess a valid motor vehicle driver’s license.

ACCEPTABLE EXPERIENCE AND TRAINING:

The operator MUST posses, as a minimum, a VALID Certification as a Grade 3T licensed operator, preferably a Grade 4T, issued by the Massachusetts Board of Certification of Operators of Drinking Water Facilities. The minimum educational level is graduation from a standard high school, a vocational/technical high school or have a GED equivalent.

The operator must possess a basic knowledge of the electro-mechanical, scientific and regulatory principles or potable water treatment operations as may be gained through post secondary training in a military service school, technical institute, or employment in a potable water or wastewater treatment facility. An Associate’s or Bachelor’s degree in environmental, technical, scientific or engineering discipline is preferred. Possession of a certificate as a Waste Water Facilities Operator issued by the Commonwealth of Massachusetts is helpful, as is experience in one or more trades supportive to plant operation, e.g. plumbing, HVAC, electricity, painting, carpentry.