



NEWEA - New England Water Environment Association > TREATMENT PLANT OPERATOR

TREATMENT PLANT OPERATOR

by on August 13, 2020 in

- Full Time
- [Westfield, MA](#)
- Posted 7 seconds ago



SPRINGFIELD WATER AND SEWER COMMISSION

Job Title: TREATMENT PLANT OPERATOR

The Springfield Water and Sewer Commission (SWSC) is seeking a highly motivated and innovative candidate to work as a Treatment Plant Operator at our West Parish Filters facility in Westfield, MA. This role performs skilled work in operating water treatment processes, machinery and equipment. Work involves responsibility for operating specialized systems, machinery and equipment in the treatment of water. This work is provided 24 hours a day, 7 days a week, over 3 shifts.

About SWSC: SWSC was established in 1996 as an independently operated and managed regional water and wastewater utility. SWSC employs approximately 250 people in roles ranging from engineering, laboratory, construction, union labor, customer service, and professional services, all of which serve 250,000 retail and wholesale customers in the lower Pioneer Valley through a regional water and wastewater infrastructure system. Governing oversight is provided by a three-member Board of Commissioners, appointed and approved by the Mayor of Springfield and City Council, with an executive director managing day-to-day operations. SWSC is not affiliated with any department of the City of Springfield and maintains its own budget, personnel, assets, policies, and procedures.

Mission Statement: SWSC's mission is to provide an adequate, 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:

- Operates assigned water treatment and processing systems, machinery and equipment to control the flow, processing, and treatment of water.

- Operates, flocculation mechanisms, conditioning equipment, and chlorinators.

- Operates pumping stations, conveyors, pumps, blowers, heating boilers and systems, compressors, tanks, channels and related auxiliary and appurtenant machinery and equipment.

- Monitors gauges, meters and control panels; observes variations in operating conditions; interprets meters, gauge readings and test results in relation to processing requirements.

- Operates valves and gates either manually or by remote control; starts, stops pumps, engines, generators and related equipment to control, adjust and correct flow and treatment processes; carries out pumping schedules to obtain proper velocities, elevations and operating results.

- Maintains clean and orderly condition of assigned equipment, facilities, and station.

- Maintains shift log for equipment operated; records gauge and meter readings, observations and activities, using modern equipment and technology.

- Performs preventative maintenance on various equipment.

- Performs general repair and maintenance on various equipment.

- Operates chlorinators and appurtenances in accordance with chlorine demand; connects, disconnects liquid chlorine tank trucks to system; takes appropriate safety precautions to prevent and control chlorine leaks.

- Regularly inspects operation and condition of assigned equipment; detects, reports faulty operation, failures, disorders, interruptions, breakdowns or unusual conditions to senior operator; assists in restoring normal operation of equipment. Assists in troubleshooting equipment and/or systems.

KNOWLEDGE, SKILLS AND ABILITIES:

- Considerable knowledge of the principles, procedures, practices, methods and techniques of operating water treatment machinery and equipment.
- Working knowledge of occupational hazards and standard safety practices and procedures of water treatment plants.
- Working knowledge of American Water Works Association manuals of practice, including safety manuals, pertinent to the class.
- Must be able to safely operate a variety of specialized water treatment machinery.
- Must be able to read meters, gauges and recorders, to make indicated adjustments, and to prepare operating reports.
- Must be able to detect and correct malfunctions of assigned water treatment machinery and equipment.
- Must be able to establish and maintain effective working relationships with assistants and supervisors.
- Must have availability to work on all shifts, and shifts may vary during training and based on regular shift assignment.

EDUCATION AND EXPERIENCE:

- Experience in the operation of water treatment machinery or equipment; or considerable experience in the operation of closely related industrial process, or similar equipment and machinery.
- Graduation from a standard high school or vocational school supplemented by college level or technical school courses in water treatment or closely related fields.

CERTIFICATES, LICENSES, AND REGISTRATIONS:

- Must possess and maintain a 3T certificate of water treatment plant operator in the appropriate grade for the facility as issued by the Massachusetts Board of Certification of Operators of Water Treatment Facilities. 4T license preferred.

Must possess and maintain a current Driver's License.

Qualified candidates should send their resume and cover letter to Stephanie.douglass@waterandsewer.org.