



**JOB DESCRIPTION: WATER TREATMENT PLANT OPERATOR**

**LOCATION: SHOREMONT WATER TREATMENT PLANT**

**WHO WE ARE**

Monroe County Water Authority is a not-for-profit public benefit corporation that reliably provides quality, affordable water to foster economic vitality and enhanced quality of life for Monroe County and area communities who request service. Currently serving over 700,000 people in Monroe and its five adjacent counties, MCWA produces and delivers an average of 60 million gallons of water each day.

**WHAT WE OFFER**

- Competitive pay based on experience and certification
- Scheduled 40 hours per week
- Overtime opportunities
- Health insurance
- Dental insurance
- Life insurance
- Paid vacation
- 12 paid holidays per year
- Five personal days
- Deferred compensation plan
- New York State Employees Retirement System

**WHAT YOU BRING**

- Good knowledge of the practices used and the equipment required in the operation and maintenance of a Type I-A Water Treatment Plant containing facilities for filtration with pre-treatment
- Working knowledge of the principles and applications of physics, chemistry and bacteriology as they relate to water purification
- Skill in the operation and repair of pumps, valves and related mechanical and electrical equipment
- Ability to make routine laboratory and field tests for control of plant operation
- Ability to utilize applicable computer-based programs and applications
- Ability to read, understand and record data from gauges, scales and meters
- Ability to carry out oral and written instructions

- Mechanical aptitude
- Good judgement
- Physical condition commensurate with the demands of the position including medical requirements for use of respirator and self-contained breathing apparatus

### **TYPICAL WORK ACTIVITIES**

- Operates a personal computer-based Supervisory Control and Data Acquisition (SCADA) system to monitor and control transmission, storage and disinfecting components of the distribution system and plant, including but not limited to pumps, valves, disinfecting equipment, pressure regulators, storage and treatment facilities, chemical feed systems, water quality measuring devices and related components
- Records readings of meters, gauges and scales, enters data in computer for monthly reports
- Maintains plant security and inspects related equipment at various locations in the plant
- Regulates, calibrates and adjusts chlorinators and other chemical feeders
- Handles chemical storage containers and operates chemical transfer and feed equipment
- Washes filters and settling basins
- Performs necessary tests for control of plant operations
- Keeps a log of plant operations and related records
- Calculates and records flows, filter washers and chemical feeds

### **MINIMUM QUALIFICATIONS**

Graduation from high school or possession of an equivalency diploma, plus **EITHER**

(A) One (1) year paid full-time or its part-time equivalent experience in the operation of a Type I-A Water Treatment Plant; OR

(B) Possession of a Grade II-A Water Treatment Plant\* Operator's license issued by the New York State Department of Health under the provisions of the New York State Sanitary Code

*\*This position works at a water treatment plant with facilities for filtration designed to treat over 2.5 million gallons per day (MGD) and is classified as a Type I-A Plant.*

### **SPECIAL REQUIREMENTS**

Possession of a Grade II-A Treatment Plant Operator's license issued by the New York State Department of Health under the provisions of the New York State Sanitary Code at the time of appointment.

If you are appointed, you will be required to have a valid license to operate a motor vehicle in New York State or otherwise demonstrate your capacity to meet the transportation needs of the job.