

## **CHIEF WATER TREATMENT PLANT OPERATOR**

<b>DEPARTMENT:</b>	Tioga Co. Municipalities
<b>CLASSIFICATION:</b>	Competitive
<b>SALARY GRADE:</b>	Varies by Municipality
<b>ADOPTED:</b>	10/98; Revised 01/20 Tioga Co. Personnel & Civil Service

**DISTINGUISHING FEATURES OF THE CLASS:** This is important technical and supervisory work involving responsibility for the planning, operation, maintenance and regulatory compliance of the public water supply system. The incumbent is responsible for maintaining the water system in compliance with NYS Sanitary Code Part 5. General direction is received from the Director of Utilities, through conference and review of plans. Considerable leeway is allowed for the use of independent judgment in carrying projects into operation. Supervision is exercised over a small number of employees involved in the operation and maintenance of the water supply system. Does related work as required.

**TYPICAL WORK ACTIVITIES:** (Illustrative only)

- Supervises and participates in the installation, operation, maintenance and minor repair of various water production machinery, including water mains, pumps, hydrant, valves and associated electrical equipment and gages;
- Sets, monitors and maintains chemical feed systems by performing physical and chemical tests of water;
- Performs sampling, analysis and reporting requirements of the public water supply in compliance with NYS Sanitary Code;
- Performs frequent inspections of the plant, equipment and water supply in order to check operations;
- Makes recommendations to the Director of Utilities and prepares plans for repairs, modifications and future considerations and extensions of the water system;
- Coordinates plant operators' shifts and instructs them in duties;
- Performs training of departmental staff assigned to assist with water production and treatment;
- Maintains and reviews records of activities and prepares reports;
- Maintains inventory levels of chemicals, replacement parts and related water system supplies;
- Operates truck, tractor, backhoe and other types of motor equipment;
- May assist or assign plant employees to assist in major repair or construction projects.

**FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:**

Good knowledge of the installation, operation and maintenance of a municipal water distribution system; good knowledge of the operation and maintenance of a municipal water treatment plant with facilities for the application of chemicals to water, such as chlorine or chlorine compounds, chlorine-dioxide, chlorine-ammonia, fluoride compounds or the process of dechlorination; good knowledge of principles and application of physics, chemistry and bacteriology as they relate to water purification; knowledge of State Sanitary Code as it relates to municipal water systems; knowledge of the principles of hydraulics as related to water distribution systems; skill in the operation and repair of pumps, valves and relate mechanical and electrical equipment; ability to plan and supervise the work of others; ability to understand and carry out oral and written directions; ability to work from plans, specifications and sketches; ability to train others in the maintenance of a municipal water system;

2. Chief Water Treatment Plant Operator

analytical ability; ability to operate a motor vehicle; physical condition commensurate with the demands of the position.

**MINIMUM QUALIFICATIONS:** Graduation from high school or possession of a high school equivalency diploma AND:

- Eligibility for an appropriate Plant Operator's certificate issued under the provisions of New York State Sanitary Code, Section 5-4.3. Possession of the certificate is required at time of appointment. Qualifications for certification vary according to the Grade of Water Treatment Plant.

**Town of Owego** - In addition to certification requirement for IIB plant, requires an additional year of satisfactory full-time experience or its part-time equivalent in the operation of a water treatment plant with facilities for the processes of chlorination/dechlorination.

**Local Water Treatment Plant Grading as of 10/98**

Town of Owego ..... IIB  
Village of Waverly ..... IIA

**SPECIAL REQUIREMENT:** Possession of a valid New York State Driver's License and throughout duration of employment.