

WATER TREATMENT PLANT OPERATOR

LOCATION: Tioga County Municipalities
CLASSIFICATION: Competitive
SALARY: Varies by location
ADOPTED: 8/20/70; Revised 10/98, 03/18 Tioga Co. Personnel & Civil Service

DISTINGUISHING FEATURES OF THE CLASS: This is routine but important work involving responsibility during a shift for the efficient operation and maintenance of a water treatment plant with facilities for the application of chemicals to the water, such as chlorine or chlorine compounds, chlorine-dioxide, chlorine-ammonia, fluoride compounds, or the process of dechlorination or similar process. The work is performed under general supervision of an operator qualified to be in charge of the complete and actual operation of the water treatment plant. Supervision may be exercised over subordinate employees in the performance of their assigned duties. Does related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative only)

- Operates pumps, valves, motors, and related machinery and equipment;
- Performs maintenance work and makes minor repairs to machinery and equipment, including water mains, pumps, hydrants, valves and associated electrical equipment and gauges;
- Records readings of meters, gauges, and scales;
- Regulates and adjusts chlorinators, and other chemical feed systems;
- Washes filter beds and settling basins in existence;
- Takes samples of water for testing;
- Makes necessary tests for control of plant operation;
- Assists in the instruction of trainees and departmental staff assigned to water production and treatment;
- Supervises the work of laborers and other subordinate employees assigned to water production and treatment;
- Keeps a log of plant operations and related records;
- Performs custodial duties in connection with maintenance of water plant buildings and grounds;
- May operate truck or other types of motor equipment.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS: Good knowledge of the practices used and equipment required in the operation and maintenance of a principal water treatment with facilities for the application of chemicals to the water, such as, chlorine and chlorine compounds, chlorine-dioxide, chlorine-ammonia, fluoride compounds, or the process of dechlorination; working knowledge of the principles and application 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 read, understand and record data from gauges, scales, and meters; ability to make routine laboratory and field tests for control of plant operation; ability to understand and carry out oral and written instructions; ability to operate a motor vehicle; mechanical aptitude; 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 provision of New York State Sanitary Code, Section 5-4.3. Possession of the certificate is required at time of

2. Water Treatment Plant Operator

appointment. Qualifications for certification vary according to the Grade of Water Treatment Plant.

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.