

## **WASTEWATER TREATMENT PLANT OPERATOR**

**DEPARTMENT:** Tioga County Municipalities  
**CLASSIFICATION:** Competitive  
**SALARY GRADE:** Varies by location  
**ADOPTED:** Revised 5/97 (CL 14-94); 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 Wastewater Treatment Plant with facilities for chemical precipitation, sludge digestion, sludge de-watering, ultimate sludge disposal, activated sludge, stabilization or oxidation process or any other biological oxidation process. The work is performed under the general supervision of a certified operator, qualified to be in charge of the complete and actual operation of the plant. Supervision may be exercised over motor equipment operators or other treatment plant employees. Does related work as required.

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

- Maintains plant operations and facilities processing equipment in accordance with state and federal standards;
- Performs daily analysis on wastewater and sludge samples used to determine treatment plant efficiencies;
- Makes necessary tests for control of plant operation;
- Maintains operational and management records required by state and federal agencies, including the New York State Dept. of Environmental Conservation;
- Performs minor repairs to treatment plant machinery and equipment;
- Assists in the instruction of operator trainees;
- Prepares various reports and budgets, including making recommendations on plant expenditures;
- Maintains safety standards within the treatment plant;
- Keeps a log of plant operations and related records;

**FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:** Good knowledge of the practices used and the equipment required in the operation and maintenance of a Wastewater Treatment Plant, with facilities for chemical precipitation, sludge digestion, sludge de-watering, ultimate sludge disposal, activated sludge, stabilization or oxidation process or any other biological process; working knowledge of the principles and applications of physics, chemistry and bacteriology as applied to sewage treatment and disposal; 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 operations; ability to understand and carry out oral and written instructions; 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 provisions of Section 650 of the New York State Code of Rules and Regulations. Possession of the certificate at the time of appointment. Qualifications for certification vary according to the Grade of Wastewater Treatment Plant, as determined by the New York State Dept. of Environmental Conservation (DEC).

**Local Wastewater Treatment Plant Grading (2016):**

Town of Owego -	3A & 4A
Village of Owego -	2A
Village of Waverly -	3A