

DEPARTMENT: ALL APPLICABLE
CLASSIFICATION: COMPETITIVE
APPROVED: MAY 29, 2020

WASTEWATER TREATMENT PLANT OPERATOR

DISTINGUISHING FEATURES OF THE CLASS: This is routine work that involves responsibility during an assigned shift for the efficient operation and maintenance of a wastewater treatment facility. In the City of North Tonawanda this involves a facility with an other than activated sludge process plant. In the County and municipalities this involves a facility for the activated sludge process (including all modifications.) The work is performed under general supervision of an operator qualified to be in charge of the operation of the plant. Supervision may be exercised over subordinate employees and/or trainees in the performance of their assigned duties. Does related work as required.

TYPICAL WORK ACTIVITIES:

1. Starts and stops pumps, motors, air compressors and related machinery and equipment;
2. Makes minor repairs to machinery and equipment;
3. Records readings from meters and gauges;
4. Treats and disposes of sludge;
5. Add chemicals to wastewater;
6. Takes samples of sludge and wastewater for testing;
7. Performs necessary physical and chemical tests for control of plant operation;
8. Assists in the instruction of trainees;
9. May supervise the work of trainees, laborers, and other subordinate employees;
10. Maintains a log of plant operations and related records;
11. Performs custodial duties in connection with maintenance of buildings and grounds.

FULL PERFORMANCE KNOWLEDGES, 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 facility; working knowledge of the principles and applications of physics, chemistry, and bacteriology as applied to wastewater 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 operation; ability to understand and carry out oral written instructions; mechanical aptitude; alertness and dependability; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of an equivalency diploma **and** possession of a Grade 3-A or Grade 3 (depending on the type of treatment facility) certificate obtained according to NYSDEC guidelines.

SPECIAL REQUIREMENT:

Possession of an appropriate valid New York State Motor Vehicle Operator's License at time of appointment and for the duration of employment.