

DEPARTMENT: NORTH TONAWANDA WASTEWATER TREATMENT PLANT
CLASSIFICATION: COMPETITIVE
APPROVED: 02/21/96

WASTEWATER TREATMENT PLANT OPERATOR
(North Tonawanda)

DISTINGUISHING FEATURES OF THE CLASS: The work involves responsibility during a shift for the efficient operation and maintenance of a wastewater treatment facility with an other than activated sludge process plant. The work is performed under the general supervision of a Senior Operator or Chief Operator. Supervision may be exercised over trainees and subordinate employees. Does related work as required.

TYPICAL WORK ACTIVITIES:

1. Starts and stops pumps, motors, air compressors and related equipment and machinery;
2. Makes minor repairs to equipment and machinery;
3. Records readings from meters and gauges;
4. Treats and disposes of sludge;
5. Adds chemicals'
6. Collects 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 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 wastewater treatment facility with an other than activated sludge process plant; good knowledge of the operations of a modern wastewater treatment plant; good 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 operations; ability to read plans and drawings; ability to understand and carry out oral and written instructions; mechanical aptitude; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Other than activated sludge plant whose designated plant point score is 76 or greater.

Grade 3 Operators:

1. AAS degree from a regionally accredited or New York State registered university or college in a NYSDEC approved curriculum;
- OR:**
2. AAS degree from a regionally accredited of New York State registered university or college, and eighteen months operating experience at a wastewater treatment plant;
- OR:**
3. AA degree with thirty credit hours of math and/or science from a regionally accredited or New York State registered university or college, and eighteen months operating experience at a wastewater treatment plant;

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MINIMUM QUALIFICATIONS: (continued)

OR: 4. Graduation from high school or New York State equivalency diploma and three years operating experience at a wastewater treatment plant;

AND: a. Completion of the appropriate course approved by the Commissioner, Department of Environmental Conservation;

AND: b. Eighteen months operating experience at a wastewater treatment plant with a point score of 56 or greater, and the ability to perform necessary tests.

SPECIAL REQUIREMENT: Possession of a Grade 3 Operator Certificate issued by the New York State Department of Environmental Conservation at time of appointment.