

WASTEWATER TREATMENT PLANT OPERATOR

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 the activated sludge process (including all modifications). The work is performed under the general supervision of a higher level operator or the incumbent may work under the direction of a municipal board or outside contractor. Supervision may be exercised over subordinate employees in the performance of their assigned duties.

TYPICAL WORK ACTIVITIES:

1. Starts and stops pumps, motors, air compressors and related machinery and equipment;
2. Makes major and minor repairs to machinery and equipment;
3. Records readings from meters and gauges;
4. Treats and disposes of sludge;
5. Adds chlorine to wastewater;
6. Takes samples of wastewater for testing;
7. Makes necessary tests for control of plant operation;
8. Assists in the instruction of trainees;
9. Supervises the work of laborers and other subordinate employees;
10. Keeps a log of plant operations and related records;
11. Performs custodial duties in connection with maintenance of buildings and grounds;
12. May make reports on operations to supervisor or overseeing municipal commission;
13. Does related work as required.

FULL PERFORMANCE KNOWLEDGE, SKILLS, AND ABILITIES:

Knowledge of the practices used and the equipment required in the operation and maintenance of a Wastewater Treatment Plant with facilities for the activated sludge process (including all modifications);

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 operation;

Ability to understand and carry out oral and written instructions;

Personal characteristics necessary to perform the duties of the position;

Physical condition commensurate with the demands of the position.

WASTEWATER TREATMENT PLANT OPERATOR (Cont'd)

MINIMUM QUALIFICATIONS:

Graduation from high school or possession of a high school equivalency diploma and one (1) year of operating experience in a Wastewater Treatment Plant.

SPECIAL REQUIREMENT: Possession of a Wastewater Treatment Plant Certification issued under the provisions of the New York State Department of Environmental Conservation (DEC) Regulations, (Part 650) in a grade determined appropriate by the appointing authority.

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ADOPTED: 08/14/73

REVISED: 09/01/78 03/02/79 08/28/87 09/02/87 09/07/90
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