

Title: Wastewater Operator II
PG: 38
Status: Civil Service
Position Reports to: Wastewater Operator III
Department: Water Utilities

Class Code: 3091
Date: 09/08

GENERAL DESCRIPTION OF CLASS:

This is skilled work in the operation of Wastewater Treatment Plant equipment and processes. This position requires shift work, including nights, weekends, and holidays, as the treatment processes are operated on a continuous basis. Work involves responsibility for the care and efficient operation of the wastewater treatment plant during an assigned shift. Work includes covering a working area which contains several operating units of the wastewater treatment system. Employees in this class normally work independently. Work is reviewed by a supervisor who checks records and charts and makes daily inspections through the plant to check the condition and upkeep of equipment.

ESSENTIAL FUNCTIONS:

1. Prepares log sheets; changes charts and recording sheets on flow recorders.
2. Inspects motors, bearing, and gear boxes for overheating and proper lubrication.
3. Collects samples of wastewater at various stages of processing, performs lab tests on same, and records data collected.
4. Maintains equipment, process tanks, buildings, and grounds in a clean and orderly manner.
5. Performs mathematical calculations on collected data; calibrates continuously recording instruments; enters collected data into computer data base.
6. Manually operates valves to set up a wide variety of flow schemes to perform pumping and equipment functions.
7. Monitors and/or inspects numerous process control parameters for proper operation.
8. Works in confined spaces or hazardous areas.
9. Lifts medium - heavy objects and climbs ladders and stairs.

ADDITIONAL RESPONSIBILITIES:

1. Assists in monitoring lift station telemetry alarm system and dispatch emergency crews as necessary.
2. May assist in making minor repairs to equipment.
3. Responsible to maintain Wastewater Operator certification with regard to a State of Florida Wastewater Operator's License.
4. Will be trained, assigned and shall be an active participant in the Department's Chlorine Emergency Response Team.
5. Performs related work as required.

KNOWLEDGE, SKILLS & ABILITIES:

1. Knowledge of normal operating principles of wastewater treatment processes.
2. Knowledge of the principles and practices applied to the operation and light maintenance of pumps and similar machinery.
3. Knowledge of safety regulations, occupational hazards, precautions and the promotion of safety.
4. Skill in the use and care of tools and equipment used in a wastewater plant.
5. Ability to efficiently and safely operate all equipment and machinery used in wastewater plant operations
6. Ability to troubleshoot problems of various wastewater treatment processes and equipment.
7. Ability to learn basic computer skills necessary to operate various computer controlled systems.
8. Ability to make call-out decisions and dispatch trouble crews.
9. Ability to prepare written and oral reports.
10. Ability to understand and follow oral and written instructions.

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11. Ability to establish and maintain effective working, harmonious relationships with co-worker, other city employees and the general public.

WORKING ENVIRONMENT/CONDITIONS:

Requires sedentary work that involves walking or standing some of the time, exerting up to 40 pounds of force on a recurring basis, routine keyboard operations.

The job risks exposure to chemical, biological, electrical and mechanical hazards. The employee will be required to work in bright/dim light and adverse weather conditions. Frequent exposure to the general hazards of the industrial working environment and construction sites are also possible.

The job requires normal visual acuity, and field of vision, hearing, speaking, color perception, sense of taste, sense of smell, depth perception, and texture perception.

QUALIFICATIONS (EDUCATION, TRAINING, AND EXPERIENCE):

1. High school diploma or its equivalent, supplemented by Florida Department of Environmental Protection Agency approved courses in wastewater plant operation processes.
2. Two (2) years of wastewater plant operation experience.
3. An equivalent combination of education and experience that is determined to be directly related to the foregoing specific requirements may be substituted.

SPECIAL REQUIREMENTS:

1. Must possess and maintain a valid state of Florida driver's license.
2. Must maintain a valid telephone number.
3. Must possess a state of Florida Class "C" Wastewater Plant Operator certification.
4. State of Florida Class "B" Wastewater Plant Operator certification is required to attain the last pay step within this job classification .
5. Required to pass and maintain qualification for:
 - a. Respiratory Protection Physical
 - b. Pulmonary Function
 - c. Q and Q Fit Test(s), which require "no facial hair which interferes with the device seal"
6. May be required to work overtime, or alternate hours, as necessary for the efficient operation of the department. Position may be designated as Mission Critical by Department Director.