

# WATER/WASTEWATER PLANT OPERATOR 1

Job Code	Pay Grade
17182	CL12

## Nature of Work

This is the full performance level for the water and/or wastewater plant operator line of work. The incumbent independently completes tasks in water and/or wastewater treatment plant operations, monitoring, maintenance, and/or repair of pumps, motors, treatment systems, generators, and related support systems. Types of equipment and systems experienced may include lift stations, switch gear, flow meters, chemical feed systems, overhead cranes and related activities. The incumbent also performs collection, analysis, reporting, and processing of a variety of samples. The incumbent performs work independently, takes initiative to ensure sound plant operations. The incumbent seeks guidance and direction on unusual or difficult assignments or problems. The incumbent is required to assist in training, education, and providing guidance to less experienced workers. The incumbent is supervised by a manager, plant operations supervisor or designee.

## Minimum Qualification Requirements

- Must possess a high school diploma or its equivalent and at least 1 year (2080 hours) experience in the performance of process control including the performance of operational control tests and evaluation and interpretation of the test results; preparation of plant process control reports, logs or records; analysis and disposal or distribution of the plant product and the residuals from the treatment process; and control of the hydraulic system and necessary chemical adjustments; water distribution system operation and maintenance; sample collection and analysis; electronic surveillance system monitoring, and plant maintenance.
- An equivalent combination of education, training, and/or experience.

## Appointing Authority May Also Require

- Florida Driver's License or Florida Commercial Driver's License and endorsement, if any.
- Assignment to work a variety of work schedules including compulsory work periods in special, emergency, and/or disaster situations.
- A Florida Department of Environmental Protection (DEP) Water or Wastewater Plant Operator Class "C" License as set forth in Florida Administrative Code Chapter 62-602, DEP describing Water or Domestic Wastewater Treatment Plant Operators and Water Distribution System Operators license requirements. Candidate to acquire and maintain certification in designated areas according to area of assignment.
- Other highly desirable knowledge, skills, abilities, and credentials relevant to a position.

## Illustrative Tasks (These are examples and are not all inclusive.)

- Operates and maintains a variety of pumps, motors, treatment systems, generators, and related support systems.
- Operates and maintains lift stations.
- Monitors and controls Supervisory Control and Data Acquisition (SCADA) systems.
- Monitors emergency bypass pumping.
- Cleans, calibrates, adjusts, and maintains chemical feed systems.
- Calibrates and adjusts flow meters.
- Operates and maintains overhead cranes.
- Cleans bar screens.
- Collects and processes a variety of samples.
- Prepares and submits Florida Department of Environmental Protection (DEP) monthly operating reports.
- Prepares various in-house operating reports.
- Performs data reporting, assembly, evaluation, and archiving.
- Assists to provide guidance as well as orientation and on-the-job training of newly assigned personnel.

## **WATER/WASTEWATER PLANT OPERATOR 1 (continued)**

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### **Illustrative Tasks (continued)**

- Performs facility housekeeping.
- Provides customer service and promotes positive public relations.
- Performs related work as assigned or required.

### **Knowledge, Skills, and Abilities**

- Knowledge of the functions and servicing requirements of a water or wastewater treatment plant operation, as well as the general operation knowledge of utility specific machinery and equipment, such as filters, pumps, valves, generators, mixers, and filling machines utilized in water or wastewater treatment operations.
- Knowledge of basic chemistry tests and related mathematics.
- Knowledge of the function and processes of computer control and interface systems.
- Basic knowledge of potable water production and wastewater treatment processes.
- Skill in operating and servicing mechanical equipment utilized in operation of water and wastewater treatment plants.
- Ability to apply computer applications and software.
- Ability to perform basic laboratory tests.
- Ability to adjust and regulate a variety of automatic or manually controlled auxiliary equipment to ensure safe operations.
- Ability to anticipate and adjust systems due to changing factors, such as, water quality, weather, and other factors.
- Ability to operate water treatment plants to pump or treat water for domestic or industrial use.
- Ability to understand and follow oral and/or written instructions.
- Ability to communicate courteously and tactfully with members of the public.

For official use only

Revised	EEOC Code	Overtime Code
11/15	Skilled Craftsmen	Classified