

WATER/WASTEWATER PLANT OPERATOR TRAINEE

Job Code	Pay Grade
17181	CL9

Nature of Work

This is the entry trainee level for the water and/or wastewater plant operator line of work. The incumbent receives training, education, and experience 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. Position also performs collection, analysis, reporting, and processing of a variety of samples. The incumbent performs routine work and obtains on the job training and guidance from more experienced staff when completing non-routine tasks and functions. The Appointing Authority retains the discretion to noncompetitively promote the incumbent after an incumbent obtains the required water operator license. The incumbent is supervised by a manager, plant operations supervisor or designee.

Minimum Qualification Requirements

- Must possess a high school diploma or equivalent and agree to complete a Florida Department of Environmental Protection (DEP) approved training course to obtain a passing score on the Florida 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. The candidate must possess at least a "C" license by no later than 2 years of appointment; or
- 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.
- Candidate to terminate employment for failure to maintain and achieve necessary training, education, experience, and required license(s) to perform in designated 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.)

- Receives orientation and training to plant processes and operations.
- Assists more experienced operations personnel to acquire skills necessary to perform independently upon completion of training.
- 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 data to be reported in the Florida Department of Environmental Protection (DEP) monthly operating reports.
- Prepares various in-house operating reports.
- Performs data reporting, assembly, evaluation, and archiving.

WATER/WASTEWATER PLANT OPERATOR TRAINEE (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