

# WATER/WASTEWATER PLANT OPERATOR, SENIOR

Job Code	Pay Grade
17194	CL19

## Nature of Work

Employees at this level are considered advanced technical or supervisory staff and will perform all duties of this classification as needed. Incumbent performs water or wastewater treatment plant operations, monitoring, maintenance and/or repair of pumps, motors, treatment systems, generators and related support systems; lift stations and switch gear; flow meters and chemical feed systems and overhead cranes; as well as collection and processing of a variety of samples. Incumbents may be required to perform in different but specific assigned areas from project to project, as operational needs and skills match. Additionally, the wide variety of equipment utilized and procedures performed are more complex and specialized, requiring adaptability and ability to work independently. Progression to this level is via competitive route. 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 3 years 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. Education or experience must include team leader, supervisory, or leadership training; 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.
- A Florida Department of Environmental Protection (DEP) Water or Wastewater Plant Operator Class "B" or higher 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.)

- Plans, assigns and reviews the efforts of assigned, subordinate personnel.
- Coordinates with maintenance personnel and other utility company personnel to resolve plant, lift station or reclaimed water operations problems.
- Assists in the preparation and administration of section's operational budget.
- Responds to requests for information and complaints from the public within area of operations in order to resolve complaints or provide information.
- Ensures that adequate amounts and types of equipment, materials and chemicals are available for safe and efficient systems operations.
- Ensures efficient plant processes and reclaimed water operations, utilizing SCADA and WonderWare and/or other specialized software systems to ensure efficient operations; makes adjustments and/or dispatches crews to correct malfunctions and maximize efficiency.
- Initiates and monitors emergency bypass pumping.
- Collects and processes a variety of samples.
- Prepares and submits Department of Environmental Protection (DEP) monthly operating reports.
- Prepares various in-house operating reports.
- Operates emergency generators.

## **WATER/WASTEWATER PLANT OPERATOR, SENIOR (continued)**

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

- Performs data reporting, assembly, evaluation and archiving.
- Performs facility housekeeping.
- Reviews plans for construction or modification of facilities.
- Assists in the design and installation of control panels.
- 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 water or wastewater plant machinery and the process involved in the treatment and pumping.
- Knowledge of the capabilities and limitations of electronic computers and instrumentation and the role they perform in water production, treatment and distribution, or wastewater collection and treatment.
- Knowledge of basic chemistry tests and related mathematics.
- Knowledge of the functions and processes of computer control and interface systems.
- Ability to apply computer applications and software.
- Ability to read meters and charts accurately, as well as to document shift operations.
- Ability to supervise subordinate staff.
- Ability to plan, manage, and supervise an entire plant location/operation with subordinate teams and ongoing projects related to potable water and/or wastewater treatment systems operations.
- Ability to manage personnel, budget, short term/long term scheduling and administrative systems.
- Ability to display, view and interpret digital and analog data/signals from a computer system; to make adjustments to production/distribution/collection/treatment systems as necessary; to input follow up data into the computer system; and to generate required reports.

For official use only

Revised	EEOC Code	Overtime Code
11/15	Skilled Craftsmen	Classified