

## **WATER/WASTEWATER PLANT OPERATOR 2**

<b>Job Code</b>	<b>Pay Grade</b>
<b>17186</b>	<b>CL15</b>

### **Nature of Work**

This is the most advanced technical level for the water and/or wastewater plant operator work with leadership, special project, supervisory or intermittent supervisor duties, and other lead administrative responsibilities. Work specializes in water or wastewater treatment plant operation, monitoring, maintenance and/or repair of pumps, motors, treatment systems, generators and related support systems; lift stations and switchgear; flow meters and chemical feed systems; overhead cranes; and collection and processing of a variety of samples. The multiple site organizations/locations and missions, including the wide variety of equipment utilized and procedures performed are more complex and specialized, requiring the incumbent to adapt to new and changing circumstances with an ability to work independently and at multiple locations. An incumbent in this classification is expected, with minimal advance notice, to rotate to various assignments, schedules, and locations to meet peak workload, stand in for other personnel, and/or serve as acting supervisor for unplanned events, scheduling needs, and to meet other requirements. The incumbent independently completes the most complex plant tasks in water and/or wastewater treatment plant operations, monitoring, maintenance, and/or repair of pumps, motors, treatment systems, generators, support systems, and supervises or leads others when assigned. 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 work independently and 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 provide supervisors and managers with meaningful input and recommendations for improving performance and operations. 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.)**

- Operates, maintains and repairs a variety of pumps, motors, treatment systems, generators and related support systems.
- Operates, maintains, and repairs lift stations and switchgear.

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### Illustrative Tasks (Continued)

- Monitors and operates Supervisory Control and Data Acquisition (SCADA) systems.
- Initiates and 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 Department of Environmental Protection (DEP) monthly operating reports.
- Prepares various in-house operating reports.
- Performs backflushing.
- Operates emergency generators.
- 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 data reporting, assembly, evaluation and archiving.
- 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 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 and document shift operations.
- Ability to train, lead or supervise plant maintenance and operations and submit reports.
- Ability to learn the procedures and techniques involved in automated process control.
- Ability to display, view and interpret digital and analog data/signals from a computer system; to make adjustments to production/distribution /treatment/collection 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