



## Water Plant Operator

WS/39

Water System

Paygrade 13

FLSA Non Exempt

### JOB SUMMARY

This position is responsible for operating a water treatment plant in an efficient manner according to established standard operating procedures. Work may involve operating on a rotating shift schedule to provide 24/7 coverage of the plant. Operator has a role in utilizing a CMMS to enter trouble reports and maintenance work. An incumbent in this position may be designated “Water Plant Operator III”, “Water Plant Operator II” or “Water Plant Operator I”.

### MAJOR DUTIES

- Monitors physical and chemical treatment processes making necessary adjustments to ensure safe and efficient operations as indicated by current conditions.
- Monitors performance of machinery and equipment used to control the treatment process; performs preventative maintenance on equipment as assigned.
- Ensures compliance with state and federal regulations through proper plant operations. Prepares inspection sheets, logs, and flow charts; maintains records.

### KNOWLEDGE REQUIRED BY THE POSITION

- Knowledge of water treatment processes and the equipment used in these facilities.
- Knowledge of reservoir operations.
- Knowledge in the use of CMMS and SCADA control systems.
- Knowledge of mathematics, basic chemistry, and microbiology.
- Knowledge of state and local water treatment guidelines and procedures.
- Knowledge of plant operations.
- Knowledge of safety procedures.
- Skill in performing routine process tests.

- Skill in the use of basic tools such as packing tools, socket wrenches, power tools, and screwdrivers.
- Skill in the use of standard office equipment.
- Skill in oral and written communication.

## SUPERVISORY CONTROLS

The Treatment Plant Supervisor and /or Operations Team Leader assigns work in terms of general instructions. The Supervisor or Team Leader spot-checks completed work for accuracy, compliance with procedures, and the nature and propriety of the final results.

## GUIDELINES

Guidelines include the plant permit, relevant state and federal laws, industrial safety standards, and county and department policies and procedures. The Team Leader will seek advice on interpretation of these guidelines from the Plant Supervisor.

## COMPLEXITY/SCOPE OF WORK

- The work consists of related water treatment duties.
- The purpose of this position is to help ensure the proper 24/7 operation of the water treatment facility. Successful performance contributes to the safe handling and effective treatment of water.

## CONTACTS

- Contacts are typically with co-workers and other county employees.
- Contacts are typically to give or exchange plant status and technical information, motivate and train persons.

## PHYSICAL DEMANDS/ WORK ENVIRONMENT

- The work is typically performed while intermittently sitting, standing, walking, bending, crouching, or stooping. The employee must occasionally lift light and heavy objects, climbs ladders, uses tools or equipment requiring a high degree of dexterity, and be able to distinguish between shades of color.
- Ability to work rotating shift schedule.
- The work is typically performed in a combination of environments including within the treatment areas of the plant, outside, and in an office.
- The work will require the use of appropriate personal protective equipment related to plant operation and maintenance.

## SUPERVISORY AND MANAGEMENT RESPONSIBILITY

None

#### MINIMUM QUALIFICATIONS

- Ability to read, write and perform mathematical calculations at a level commonly associated with the completion of high school or equivalent.
- No experience requirements.
- Possession of or ability to readily obtain a valid driver's license issued by the State of Georgia for the type of vehicle or equipment operated.
- Possession of or ability to readily obtain an appropriate state-certified license for Water Operator Class III within six months.