



Wastewater Operator

Salary Range: Operator C \$20.97 - \$32.01

Operator B \$23.18 - \$35.10

Operator A \$25.94 - \$39.19

Nature of Work:

Performs entry-level technical or specialized work in the operation, maintenance, and repair of the wastewater treatment plant and its processes. Responsible for technical aspects of plant operations, compliance with state and federal operating regulations, and underground sewer system. Work is performed under close supervision with minimal latitude for the use of initiative and independent judgment.

Duties and Responsibilities:

The intent of this job description is to provide a summary of tasks performed in this classification. Incumbents may be requested to perform job-related tasks other than those specifically presented in this description.

- ✓ Controls pumps, valves, and other processing equipment to treat wastewater
- ✓ Reads, interprets, and adjusts meters and gauges to make sure plant equipment and processes are working properly
- ✓ Operates chemical feeding devices
- ✓ Performs sampling, monitoring, and testing required to maintain compliance with federal, state, and local regulations governing the wastewater treatment process and sludge management; adjusts chemical levels if necessary
- ✓ Performs the installation, maintenance and repair of the physical plant and pump stations and all of their components
- ✓ Operates computers to monitor equipment, schedule and record maintenance activities, and produce reports
- ✓ Maintains open communications with the Chief Operator regarding the treatment process and pump stations operation and malfunctions; makes recommendations for repairs and improvements to these systems
- ✓ Prepares and submits reports as directed
- ✓ Maintains the physical appearance of the plant by painting, weeding, mowing, etc.
- ✓ Monitors alarms
- ✓ Performs all work in accordance with Occupational Safety and Health Administration (OSHA) regulations
- ✓ Safeguards all assigned tools, equipment, electronics from theft, loss, destruction and/or negligence
- ✓ Attends weekly safety meetings

Knowledge, Skills and Abilities:

Knowledge of:

- ✓ Theories, principles, and practices of wastewater production and treatment
- ✓ Laboratory procedures in order to conduct tests
- ✓ State and federal rules governing wastewater discharges and worker's safety
- ✓ Mechanical and electrical systems to perform corrective maintenance
- ✓ Standard procedures for chemical treatment and disinfecting
- ✓ Safety practices appropriate for dealing with occupational and health hazards encountered in wastewater production and treatment environment

Skill in:

- ✓ Diagnosing and correcting equipment malfunction
- ✓ Basic machinery preventive maintenance and repair
- ✓ Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems
- ✓ Using mathematics to solve problems

Ability to:

- ✓ Perform daily checks of the wastewater treatment process and periodic checks of pump stations
- ✓ Apply data to formulas of treatment requirements, flow levels, and concentration levels
- ✓ Utilize computer for monitoring telemetry system, alarms, and maintenance management program
- ✓ Clearly communicate and understand information, both orally and in writing
- ✓ Establish and maintain effective and cooperative working relationships with those contacted in the course of work
- ✓ Regularly attend work and arrive punctually for designated work schedule

Education and Experience:

- ✓ High school diploma or equivalent; supplemented by two or more years' of progressively responsible experience in operating a wastewater treatment plant; or an equivalent combination of education, certification, training, and/or experience

Licenses and/or Certifications:

- ✓ Florida driver license
- ✓ State of Florida Class "C" Wastewater Plant Operator's license