

WATER/WASTEWATER PLANT OPERATOR, CHIEF

Job Code	Pay Grade
17193	CL21

Nature of Work

This is advanced technical and supervisory work operating water or wastewater treatment facilities in accordance with the Florida Department of Environmental Protection (FDEP) rules and regulations, Florida Administrative Code, the facility operating permit, and Pinellas County policies and procedures. Incumbent supervises Water Treatment or Wastewater Treatment Plant Operations, which includes: 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 perform on-site plant or distribution system operation, perform electronic control system operation, and make decisions that relate to the daily operational activities of the plant or distribution system and makes decisions that directly impact the quality or quantity of effluent, reclaimed water, or drinking water. The incumbent is supervised by a manager.

Minimum Qualification Requirements

- Must possess an active FDEP Wastewater Plant Operator Class “A” license (Chapter 62-699 & Chapter 62-602 F.A.C.); and
- 7 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; sample collection and analysis; electronic surveillance system monitoring, and plant maintenance.
- Associate’s degree in a science, technology, engineering, math, business, construction or related field with 5 years of progressively responsible experience in operating a Category 1, activated sludge process, wastewater treatment facility or water treatment facility that includes 1 year as a shift or project leader, team leader, or supervisory experience, 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 Treatment Plant Operator Class “A” 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
- An equivalent combination of education, training, and/or experience.
- 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.
- Works with Plant Manager to prepare and submit all compliance reports required by the permit (DMR/MOR, Annual Reuse Report, SWFWMD Public Supply Annual Report, Water Monitoring)
- Participates with the Plant Manager during core compliance activities such as the five year permit renewal process and/or SWFWMD annual Report process.
- Coordinates with operators, maintenance personnel, engineers and contractors during any event that improves or impacts the water treatment plant (WTP), water distribution system, wastewater treatment plant (WWTP), associated pump stations, collections system (re: infiltration/inflow or industrial pretreatment issues), and the reclaimed water (RCW) distribution system.
- Coordinates with maintenance personnel and various utility representatives to resolve operational issues within WTP/WWTP, water distribution, pump station, or RCW distribution systems.
- Reports to FDEP or State Warning Point during conditions when the plant is operating outside permitted conditions (upset) or during any sort of release.

WATER/WASTEWATER PLANT OPERATOR, CHIEF (continue)

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Illustrative Tasks (continue)

- Performs all supervisory responsibilities; training, evaluations, discipline, etc.
- Responsible for providing performance metrics and quality control on operational data.
- Provides ongoing input regarding operational priorities to the supervisor for capital improvement projects and maintenance activities.
- Responds to requests for information and complaints from the public in order to resolve complaints or provide information. Provides customer service and promotes positive public relations.
- 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.
- Reviews plans for construction or modification of facilities.
- Performs related work as assigned or required.

Knowledge, Skills, and Abilities

- Knowledge of all applicable safety principals.
- Knowledge of the plant operational permit, able to assure compliance with all related Federal, State and Local rules and regulations including County policies related to supervisory duties.
- Knowledge of the capabilities and limitations of electronic computers, SCADA system, instrumentation and the integrated role those perform in wastewater treatment and reclaimed water distribution.
- Knowledge of and ability to perform all required physical, biological, and chemical tests for process control and related mathematics.
- Ability to work independently, takes initiative in identifying issues, and complete necessary tasks.
- Ability to train, supervise, and delegate assignments to subordinate staff.
- Ability to express oneself clearly in writing, both technical and in evaluation of employee performance.
- Ability to analyze written material and use critical thinking skills to synthesize information.
- Ability to listen, attending carefully to others in order to understand what they are saying.
- Ability to incorporate classroom and on the job training into work performance
- Ability to maintain a professional presence and adhere to ethical standards.
- Ability to demonstrate strong team skills, artful negotiation, and cooperative information sharing.
- Ability to plan/schedule appropriate priorities, be flexible, and recommend changes.
- Ability to communicate and keep all shifts and personnel informed about processes and problems.
- Ability to apply computer applications, SCADA, and software including Enterprise Asset Management software to produce reports, identify efficiencies, and other meaningful performance metrics.
- Ability to monitor, evaluates, troubleshoot, and adjust the treatment process.
- Ability to deal with multiple variables when analyzing a problem.

For official use only

Revised	EEOC Code	Overtime Code
11/15	Skilled Craftsmen	Classified/Excluded