

CITY OF CORAL SPRINGS

Classification Description

CLASSIFICATION TITLE: Water Plant Operator
FUNCTIONAL AREA: Public Works Department

WORK OBJECTIVE:

Under general supervision, the purpose of the position is to operate and regulate water flow and pressure in the City's Utilities Division. Employees in this classification are responsible for performing routine to complex inspection and maintenance duties to ensure efficient and effective operation of water facilities and equipment. Objective is to ensure safe and clean drinking water is provided to the City.

ESSENTIAL FUNCTIONS:

The list of essential functions, as outlined herein, is intended to be representative of the tasks performed within this classification. It is not necessarily descriptive of any one position in the class. The omission of an essential function does not preclude management from assigning duties not listed herein if such functions are a logical assignment to the position.

- Performs skilled operational and regulatory work in the testing and treatment of City water in compliance with all applicable City, State and Federal regulations and guidelines.
- Performs routine to complex maintenance and repair duties of water equipment and facilities, e.g., pumps, tanks, aerators, precipitators, filters, motors, pulleys, drive belts, solids and chemicals handling.
- Performs and records chemical and pressure sampling and laboratory testing; calculates results/readings; ascertains treatment performance and quality; performs appropriate equipment adjustments and calibrations.
- Monitors and sets chlorine machinery to obtain proper chemical usage readings.
- Operates and maintains pump stations; records daily pump readings, e.g., pressure, flow, time, chemical usage, pump function/operation; perform corrective measures to pump operations and settings as necessary.
- Performs clerical duties, e.g., data entry; generates spreadsheets for process control; prepares various reports; performs calculations, runs quantitative/qualitative analysis and interprets data for performance evaluation.
- Performs various maintenance and purging duties, e.g., cleans algae from clarifier overflow weirs; cleans mechanical aerators and diffuser; cleans pumps, pipes and plumbing apertures.
- Transfers treated and untreated water.

Water Plant Operator

MINIMUM QUALIFICATIONS:

Education / Certifications / Experience –

High school diploma or GED; Florida Class "C" Water Operator's License; supplemented by one (1) to two (2) years responsible experience in utilities operations; or an equivalent combination of education, training, and experience. Must possess and maintain a valid Florida Drivers License.

Knowledge, Skills, & Abilities –

General knowledge of the methods, tools, equipment and necessary safety precautions used in water plant operator work.

Considerable knowledge of all functions relevant to the operation of utility pumps.

Ability to understand and follow written and oral instructions.

Ability to inspect machinery and mechanical equipment and to detect and identify apparatus malfunctions.

Ability to operate various hand held tools and repair equipment, e.g., gas portable pumps, air-compressors.

Ability to operate various heavy equipment and machinery, e.g., utility vehicles, dump truck, fork lift.

Ability to operate various office equipment, e.g., computer terminals, telephone systems, calculator.

PHYSICAL REQUIREMENTS:

Tasks involve the intermittent performance of physically demanding work, typically involving some combination of reaching, bending, stooping, kneeling, or crouching, and that may involve the lifting, carrying, pushing, and/or pulling of heavy objects and materials (20-100 pounds). Some tasks involve the intermittent performance of extremely physically demanding work, typically involving some combination pushing, and/or pulling of heavy objects (150 pounds).

ENVIRONMENTAL REQUIREMENTS:

Some tasks are performed in a shop environment, where heightened awareness to surroundings and observance of established safety precautions is essential in avoidance of injury or accidents. Some tasks are performed in an outdoor environment with potential for exposure to disagreeable elements, e.g., heat, humidity, toxic agents. Tasks include working around moving parts, equipment, carts, and materials handling where physical risks are predictable/controllable by observance of standard safety precautions.

The City of Coral Springs is an Equal Opportunity Employer. In compliance with Equal Employment Opportunity guidelines and the Americans with Disabilities Act, the City of Coral Springs provides reasonable accommodation to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.