

MAJOR FUNCTION

This is entry level work learning the monitoring and controlling of the City's Supervisory Control and Data Acquisition (SCADA) system for four utility systems; potable water supply, wastewater collection, natural gas distribution, and stormwater treatment facilities. Incumbents will be required to develop the knowledge, skills and ability to use the telemetry system to continuously monitor and/or control site security and access, and utility systems operations to meet changing daily demands while maintaining regulatory compliance and for providing 24-hour operational support by receiving customers' inquiries and dispatching work orders to appropriate personnel. Work is performed under the general guidance of licensed Underground Utilities System Operators and supervision of the Chief Underground Utilities System Control Specialist.

ESSENTIAL AND OTHER IMPORTANT JOB DUTIES**Essential Duties**

Under the guidance of a licensed operator, analyzes real-time data and promptly responds to event and alarm conditions, as needed; authorizes and directs the operational status of all water supply wells and elevated tanks to meet water quality and hydraulic capacity requirements. Assists with the monitoring of access, security and operational status of the water supply facilities, wastewater pumping stations and stormwater treatment facilities for unauthorized entrance, power outages, high water emergency conditions in wet wells and other system events and alarm conditions reported through the SCADA system. Assists with the monitoring of operations of the natural gas distribution system including mains, gate stations, reducing stations, and critical pressure points to include high and low-pressure alarms. Assist with receiving and relaying information via Central Terminal Unit, telemetry link, two-way VHF radios, phone lines and computer systems. Assists with preparing daily and monthly reports on the total amount of water pumped by each well. Assist with calls from customers regarding water, gas and sewer utilities. Demonstrates mastery of knowledge, skills and abilities acquired through individual study, classroom and on-the-job training, as required. Performs related work as required.

Other Important Duties

Responds under emergency conditions and performs as assigned. Performs related work as required.

DESIRABLE QUALIFICATIONS**Knowledge, Abilities and Skills**

Basic knowledge of and familiarity with all operating phases of a municipal water system, wastewater collection, treatment and disposal, and/or natural gas distribution system as they relate to daily problems of system dispatching. Develops the knowledge, skills and abilities to obtain a Florida DEP Class C (minimum) Water Treatment Plant Operator License to perform and maintain constant surveillance and control of the operation of the potable water system through a supervisory control and data acquisition (SCADA) system consisting of remote and central terminal units operating on a telemetry network. Develops the knowledge, skills and abilities to properly operate and maintain potable water supply wells (water treatment plants) and storage facilities (tanks), as necessary to obtain required licensure. Applicant must develop the knowledge skills and ability to analyze data, make independent decisions, exercise good judgment, and maintain good public relations; ability to operate equipment, including SCADA system, radio and telephone communications system and generator. Basic skills in the use of microcomputers and the programs and applications necessary for successful job performance.

Minimum Training and Experience

Possession of a high school diploma or an equivalent recognized certificate.

Necessary Special Requirements

For designated positions must possess a valid Class E State driver's license at the time of appointment at the department director's discretion.

Must obtain a Class C Water Treatment Plant Operator license, as currently outlined in Florida Administrative Code 62.602-300 "Qualifications for Operator Licensure, within two years from the date of hire and maintain same license as a condition of continued employment.

Established: 06-12-18
08-11-22