

MAJOR FUNCTION

This is skilled labor and technical work performing the physical tasks in construction, operation, and maintenance of wastewater treatment facilities, equipment and systems using skills and abilities acquired at the lower-level Wastewater Treatment Mechanic job classification or in equivalent work experience. Over a designated period, incumbents are provided the opportunity to acquire the knowledge, mechanical skills and abilities to advance to Wastewater Treatment Mechanic III. Positions allocated to this classification work under more general direct observation and supervision than Wastewater Treatment Mechanic I. Incumbents of designated positions are often required to exercise independent judgment in dealing with mechanical issues. Work in this class is distinguished from that of higher classes and from lower classes by the level of technical responsibility assigned to the job class incumbent. Over a designated period, training and work assignments become more complex, and incumbents must satisfactorily demonstrate the higher-level knowledge, abilities and skills acquired.

ESSENTIAL AND OTHER IMPORTANT DUTIES**Essential Duties**

Under direct supervision, will perform entrant and attendant work in wastewater confined spaces. Enters wastewater structures determined to be safe, including but not limited to tanks, vaults, pump stations, and pipes to perform tasks such as removal of debris and make repairs. Uses hand tools, power tools, pressure gauges, and/or electronic equipment devices to perform a variety of tasks in wastewater systems. Transports, operates and maintains by-pass pumps and emergency generators. Operates a computer for work order review and initial completion. Operates and maintains forklifts, dump trucks, cranes trucks, man-lifts, crew trucks, pickup trucks, and other basic motorized equipment used to maintain the wastewater systems. Safely and efficiently loads and unloads equipment. Makes visual inspections of facilities to determine if they are in a proper state of repair. Reads and interprets equipment operation and maintenance manuals and contacts vendors for additional technical information. Performs routine and corrective maintenance work on mechanical apparatus such as pumps, motors, valves, controllers and compressors and/or wastewater components. Removes foreign objects as necessary. Repairs, adjusts and replaces parts, as required, to assure proper operation of wastewater equipment. Dismantles and cleans gate and checks valves. Performs pipe fitting repairs and installation. Uses geographical information systems (GIS) data for location of pump station assets. Assists in training personnel and may coordinate the activities of less skilled employee for designated assignments. Inspects and troubleshoots mechanical issues for wastewater equipment. Conducts a regular preventative maintenance program by servicing lift stations and treatment equipment. Attends classes and training designed to provide the knowledge, skills and abilities to become more proficient in wastewater treatment construction and maintenance activities. Demonstrates mastery of knowledge, skills and abilities acquired through classroom and on-the-job training, as required. Will be required to respond under emergency conditions. May be required to provide after normal working hours on-call and/or standby duty. Performs other related work as required.

Other Important Duties

Performs routine service and maintenance to equipment and facilities. Performs the heavy and unskilled manual labor on wastewater equipment, as needed to support the installation, maintenance and repair of the wastewater treatment facilities, systems and equipment. Uses hand tools, pneumatic tools, and other manual wastewater equipment. Monitors equipment to identify maintenance needs. Cleans, maintains, and stores tools on trucks and trailers. Assists in repairs to piping, equipment installation and removal associated with wastewater treatment maintenance. Attends Asset Management Program, Environmental Management System, Safety and OSHA

Standards training. Attends training and continuing education sessions. Performs other related duties as required.

DESIRABLE QUALIFICATIONS

Knowledge, Abilities and Skills

Knowledge of occupational hazards and accident prevention methods in assigned area of responsibility. Knowledge of wastewater treatment or collection utility work. Ability to communicate effectively, both orally and in writing. Ability to operate work related equipment. Ability to work effectively with co-workers and the general public. Ability to operate a computer and related programs and applications necessary for successful job performance. Ability to safely perform heavy lifting, pushing, pulling, climbing, standing, and squatting for long periods of time. Ability to use manual and electric tools required to complete work assignments. Ability to work in an environment that may include extreme heat and confined areas, hazardous conditions, noxious chemicals, and exposure to prolonged high noise levels requiring the use of personal protective equipment in compliance with OSHA regulations. Ability to perform tasks outdoors under varying climatic conditions. Ability to lead and direct the work activities of others. Skills in the use of equipment and tools used in maintenance, repair or construction work.

Minimum Training & Experience

Possession of a high school diploma or an equivalent recognized certificate and two years of experience in utility construction or maintenance that includes operation of utility construction related equipment, or two years of experience that includes wastewater treatment or collection involving the repair and installation of mechanical motors or pumps and related equipment, or two years of experience as a Wastewater Treatment Mechanic I. Certification in Industrial Millwright, or similar Mechanical certification may be substituted for the required experience.

Necessary Special Requirements

In accordance with the designation for positions assigned to this class, candidates, at the time of appointment:

Must obtain a Florida Water and Pollution Control Operator's Association (FWPOCA) Class "C" Collections Certification, or equivalent, as is designated for the position within 2-years of appointment to the position and maintain same, as a condition of continued employment.

A Wastewater Treatment Mechanic II must possess a valid Class E State driver's license at the time of appointment and obtain a commercial learner's permit (CLP) within three (3) months from the date of appointment, as a condition of employment. Obtain a Class "A" State Commercial Driver's License (CDL) with required endorsement(s) within nine (9) months from the date of appointment, as a condition of continued employment. It is a requirement the employee register with the Federal Motor Carrier Safety Administration Drug and Alcohol Clearinghouse.

Established: 12-26-15
08-25-22
06-17-25