

WWTP Operator I

Dept/Div: WWTP-Sewer/N/A

FLSA Status: Non-Exempt

General Definition of Work

Performs manual work operating, monitoring, and maintaining wastewater treatment plant systems, ensuring compliance with Federal, State, and local operating rules and regulations, and related work as apparent or assigned. Work is performed under the moderate supervision of the Wastewater Treatment Plant (WWTP) Supervisor.

Qualification Requirements

To perform this job successfully, an individual must be able to perform each essential function satisfactorily. The requirements listed below are representative of the knowledge, skill and/or ability required. Reasonable accommodations may be made to enable an individual with disabilities to perform the essential functions.

Essential Functions

Performs all aspects of utility operations, sampling, monitoring, and testing required to maintain compliance with Federal, State, and local rules and regulations governing wastewater systems.

Coordinates and works with department employees on a daily basis.

Ensures sanitary, functioning and operating workstations.

Operates and runs assigned equipment, tools, and machinery.

Checks and maintains that equipment, tools, and machinery are in good working condition; performing preventative maintenance and greasing as needed.

Maintains lift stations and makes repairs as needed; makes repairs to force main line and checks manholes.

Operates, maintains, and makes daily process control adjustments to both plants.

Builds, fabricates, and fixes or replaces anything broken for plants and lift stations.

Gathers and inputs all plant data in computer system.

Knowledge, Skills and Abilities

General knowledge of wastewater treatment plant equipment, materials, facilities, regulations, methods, procedures and techniques used in maintenance and operation activities; general knowledge of chemistry, hydraulics, flow principles, water analysis methods, and pumping operations; general knowledge of laboratory procedures and practices; general knowledge of preventive and corrective maintenance practices for wastewater/reuse treatment facilities and equipment; general knowledge of computers and programs used in the operations of a wastewater/reuse treatment plant; skill in operation of the listed tools and equipment; ability to operate and maintain various equipment used; ability to read blueprints, maps, and operation and service manuals; ability to research, collect, and organize data; ability to perform process control calculations; ability to work safely; ability to communicate effectively, verbally and in writing; ability to understand and carry out written and oral instructions; ability to establish and maintain effective working relationships with employees, other departments, and the public.

Education and Experience

High school diploma or GED and moderate experience in construction, repair, and maintenance of wastewater equipment and systems including the operation of related maintenance equipment and collection systems, or equivalent combination of education and experience.

Physical Requirements

This work requires the regular exertion of up to 25 pounds of force, frequent exertion of up to 50 pounds of force and occasional exertion of over 100 pounds of force; work regularly requires standing, walking, speaking or hearing, using hands to finger, handle or feel, reaching with hands and arms, tasting or smelling and repetitive motions, frequently requires climbing or balancing, stooping, kneeling, crouching or crawling, pushing or pulling and lifting and occasionally requires sitting; work requires close vision,

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distance vision, ability to adjust focus, depth perception, color perception, night vision and peripheral vision; vocal communication is required for expressing or exchanging ideas by means of the spoken word and conveying detailed or important instructions to others accurately, loudly or quickly; hearing is required to perceive information at normal spoken word levels and to receive detailed information through oral communications and/or to make fine distinctions in sound; work requires preparing and analyzing written or computer data, visual inspection involving small defects and/or small parts, using of measuring devices, assembly or fabrication of parts within arm's length, operating machines, operating motor vehicles or equipment and observing general surroundings and activities; work regularly requires exposure to wet humid conditions (non-weather), working near moving mechanical parts, working in high, precarious places, exposure to fumes or airborne particles, exposure to toxic or caustic chemicals, exposure to outdoor weather conditions, exposure to vibration and exposure to bloodborne pathogens and may be required to wear specialized personal protective equipment, frequently requires exposure to extreme cold (non-weather), exposure to extreme heat (non-weather) and exposure to the risk of electrical shock and occasionally requires working with explosives and wearing a self-contained breathing apparatus; work is generally in a very loud noise location (e.g. jack hammer work, garbage recycle plant).

Special Requirements

Class D Wastewater License in the State of Texas within six months of hire.

Class B Commercial Driver's License (CDL) driver's license in the State of Texas within one year of hire.

Class C Wastewater License in the State of Texas within two years of hire.

Must meet and maintain all training and education requirements for position.

Valid driver's license in the State of Texas.

Last Revised: 01/24/2020