



WASTE WATER TREATMENT PLANT OPERATOR

Job Overview

The job of Waste Water Treatment Plant Operator was established for the purpose/s of maintaining the District wastewater control services with specific responsibility for ensuring the safe and effective running of all of the school district's wastewater treatment plants (WWTPs); performing a wide variety of skilled maintenance activities (e.g. water testing, plumbing, electrical, ventilating systems, preventative maintenance, etc.); guiding the activities of other maintenance workers as needed and/or assigned; and ensuring that assigned tools and materials are available for use.

This job reports to the Plumbing Trade Foreman.

Job Functions

- Collects water samples and sends them to laboratories to be evaluated for the purpose of ensuring that assigned wastewater treatment facilities are running safely, effectively, efficiently and within the plant standards as established by the National Pollutant Discharge Elimination System (NPDES) permits issued for each plant and the Tennessee Department of Environment and Conservation (TDEC).
- As the licensed operator reviews, corrects and signs the monthly Discharge Monitoring Reports (DMRs) sent to TDEC reporting the compliance with the established NPDES discharge limits of each WWTP.
- Fabricates equipment parts as needed for the purpose of meeting specialty needs and/or replacing unavailable parts.
- Installs a wide variety of parts and materials for the purpose of providing replacement, enhancements and/or upgrades.
- Maintains assigned vehicle, tools and test equipment for the purpose of ensuring availability of equipment and accuracy of sampling data.
- Monitors and controls overall wastewater treatment facility functioning for the purpose of ensuring required processes are running in a safe, effective and efficient manner and that all relevant legal regulations and guidelines are met.
- Participates in meetings, in-services and seminars (e.g. continuing education, etc.) for the purpose of conveying and/or gathering information required to perform work related functions.
- Performs a variety of skilled and/or semiskilled trade functions (e.g. plumbing, electrical, preventative maintenance, etc.) for the purpose of ensuring the effective and efficient functioning of wastewater treatment facilities, and/or completing assigned projects within established time frames.
- Performs routine and preventive maintenance (e.g. changes oil in blowers, replaces belts, disposes of grease and other used materials, cleans air lines, replaces parts, applies chemicals, etc.) for the purpose of ensuring the ongoing functioning of assigned facilities.
- Performs routine and/or minor repair to assigned wastewater facilities, equipment and systems for the purpose of ensuring that they are functioning in a safe and effective working condition.



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- Prepares written materials (e.g. water testing reports, repair status, activity logs, etc.) for the purpose of documenting activities, providing an audit trail and/or conveying information particularly to TDEC Inspectors during unannounced periodic compliance inspections.
- Responds to emergency situations during and after hours for the purpose of resolving immediate safety concerns.

Performs other related duties as assigned for the purpose of ensuring the efficient and effective functioning of the work unit.

Job Requirements: Minimum Qualifications

Skills, Knowledge and Abilities

SKILLS are required to perform single, technical tasks with a need to occasionally upgrade skills in order to meet changing job conditions. Specific skill-based competencies required to satisfactorily perform the functions of the job include: performing skilled maintenance involving the carpentry, plumbing and electrical trades; using hand and power tools skillfully and safely; operating a variety of equipment and machinery such as various saws, planes, drill presses, sanders, jack hammers, drills, sandblasters and forklifts; and operating a motor vehicle as necessary.

KNOWLEDGE is required to perform basic math, including calculations using fractions, percent, and/or ratios; read technical information, compose a variety of documents, and/or facilitate group discussions; and solve practical problems. Specific knowledge-based competencies required to satisfactorily perform the functions of the job include: methods, practices, equipment and tools used in wastewater treatment; maintenance trades including carpentry, electrical and plumbing; health and safety regulations; proper methods of water sampling; and requirements of maintaining wastewater treatment facilities in a safe, clean and orderly condition.

ABILITY is required to schedule activities and/or meetings; gather, collate, and/or classify data; and use job-related equipment. Flexibility is required to work with others; analyze data utilizing defined but different processes; and operate equipment using a variety of standardized methods. Ability is also required to work with a wide diversity of individuals; work with a variety of data; and utilize a variety of types of job-related equipment. Some problem solving may be required to identify issues and select action plans. Problem solving with data frequently requires independent interpretation of guidelines; and problem solving with equipment is moderate. Specific ability-based competencies required to satisfactorily perform the functions of the job include: understanding and following oral and written directions; establishing and maintaining effective working relationships with others; analyzing situations accurately and adopting an effective course of action; maintaining routine records; and complying with OSHA/TOSHA regulations.

Responsibility

Responsibilities include: working under limited supervision using standardized practices and/or methods; leading, guiding, and/or coordinating others; and operating within a defined budget. Utilization of some resources from other work units may be required to perform the job's functions. There is some opportunity to impact the organization's services. Coordination and consultation with various TDEC officials regarding the operations of the WWTPs.

Working Environment

The usual and customary methods of performing the job's functions require the following physical demands: occasional lifting, carrying, pushing, and/or pulling; some climbing and balancing; some stooping, kneeling, crouching, and/or crawling; and significant fine finger dexterity. Generally, the job requires 10% sitting, 45% walking, and 45% standing. The job is performed under temperature extremes and under conditions with some exposure to risk of injury and/or illness.



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Qualifications

Minimum experience: Job related experience with increasing levels of responsibility is desired.

Minimum education: High School diploma or equivalent.

Required Testing:

Alcohol and Drug Test

Required Certificates and/or Licenses:

Valid Tennessee Wastewater Operator level II Certification; and Valid Tennessee Driver's License & Evidence of Insurability

FLSA Status:

Non-exempt

Continuing Education/Training:

Successful completion of continuing education courses to maintain license.

Clearances:

Criminal Justice Fingerprint/Background Clearance

Employee Type:

Classified

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