

**CLARKSVILLE-MONTGOMERY COUNTY SCHOOL
SYSTEM CLARKSVILLE, TENNESSEE
JOB DESCRIPTION**

Job Title: Plumber/Wastewater Operator Department: Maintenance

**Grade H
H.P.D. 8
D.P.Y. 260**

Job Description

Date Reviewed: August 2017

Reports To: Team Leader

Purpose of Job

The purpose of this job is to maintain and operate wastewater treatment facilities, repair and install plumbing for the school system. Duties include, but are not limited to: preparing tests, cleaning wastewater treatment equipment and facilities, monitoring control panels, unstopping clogs, repairing lines, installing sprinkler systems, providing preventative maintenance and performing additional tasks as assigned by the supervisor.

Essential Duties and Responsibilities

The following duties are normal for this job. These are not to be construed as exclusive or all-inclusive. Other duties may be required and assigned.

Tends pumps, conveyors, blowers, chlorinators, vacuum filters and other equipment used to decontaminate wastewater by settling, aeration and sludge digestion.

Removes obstructions, such as coarse materials from bar-screens, to accelerate influent through initial screening process; cleans comminutor, when needed. Adjust valves to regulate flow velocity through settling tanks to separate sludge by sedimentation; turns air and steam valves to aerate effluent, and to control temperature in sludge digestion tanks.

Observes various gages, reads charts, and flow meters to detect equipment malfunctions; adjusts floats, chlorine and time clocks as needed. Prepares documentation in regard to work orders, operational reports, and treatment plant records and logs.

Works with Master Plumbers in assembling, installing and repairs of pipes, fittings and fixtures of heating, water and drain systems, according to specification and plumbing codes.

Installs and repairs plumbing fixtures, such as sinks, commodes, bathtubs, water heaters, hot water tanks, garbage disposal units, dishwashers, and water softeners.

Repairs and maintains plumbing, by replacing washers in leaky faucets, mending burst pipes and opening clogged drains; may weld holding fixtures to structural members; maintains grease traps.

Assist in installing/repairing sprinkler systems; replaces sprinklers; installs and maintains water lines and sprinklers on ball fields. Utilizes various tools in the delivery of service including jackhammer, hammer drill, roto-rooter, pro-press and concrete saw. Provides preventative maintenance on tools, machinery and property ensuring readiness and the achievement of safety standards.

Maintains nine lift stations, tests pumps for proper operation, checks pump controls, checks station piping and covers, unclogs pumps, replaces pumps when needed. Checks all electrical controls and floats for proper operation, replaces as needed.

Recognizes occupational hazards and takes appropriate safety precautions. Inspects facilities to determine needed repairs.

Maintains assigned vehicle, equipment, and tools for the purpose of ensuring availability in a safe operating condition.

Additional Job Functions

Performs other duties as required.

Minimum Training and Experience Required to Perform Essential Job Functions

High School Diploma (or GED) and Vocational or technical school training desired, with minimum of one year plumbing and a minimum of three years wastewater treatment experience, preferably within a local government (or related); or any equivalent combination of education, training, and experience which provides the requisite knowledge, skills, and abilities for this job. Valid Tennessee driver's license required. Wastewater operator certification desired.

KNOWLEDGE OF JOB

Has considerable knowledge of the policies, procedures, and activities of the School System and plumbing practices as they pertain to the performance of duties relating to the job of Plumber/Wastewater Operator. Has considerable knowledge of plumbing practices as necessary in the completion of daily responsibilities. Knows how to develop and administer operations and staff plans and objectives for the expedience and effectiveness of specific duties of the department. Knows how to keep abreast of any changes in policy, methods, computer operations, equipment needs, etc. as they pertain to departmental operations and activities. Is able to effectively communicate and interact with supervisors, members of the general public and all other groups involved in the activities of die department. Is able to assemble information and make written reports and documents in a concise, clear and effective manner. Has good organizational, human relations, and technical skills. Is able to use independent judgment and work with little direct supervision when necessary. Has the ability to comprehend, interpret, and

apply regulations, procedures, and related information. Has comprehensive knowledge of the terminology, principles, and methods utilized within the department. Has the mathematical ability to handle required calculations.

**(ADA) MINIMUM QUALIFICATIONS OR STANDARDS REQUIRED
TO PERFORM ESSENTIAL JOB FUNCTIONS**

PHYSICAL REQUIREMENTS: Must be physically able to operate a variety of hand and table tools etc. Must be able to use body members to work, move or carry objects or materials. Must be able to exert up to one hundred pounds of force occasionally, and/or up to fifty pounds of force frequently. Physical demand requirements are at levels of those for medium to heavy work. Must be able to lift and/or carry weight of fifty to one hundred pounds.

DATA CONCEPTION: Requires the ability to compare and or judge the readily observable functional, technical, structural, or compositional characteristics (whether similar to or divergent from obvious standards) of data, people, or things.

INTERPERSONAL COMMUNICATION: Requires the ability of speaking and/or signaling people to convey or exchange technical information. Includes giving assignments and/or directions to co-workers.

LANGUAGE ABILITY: Requires the ability to read a variety of informational documentation, directions, instructions, and methods and procedures. Requires the ability to write reports with proper format, punctuation, spelling and grammar, using all parts of speech. Requires the ability to speak with and before others with poise, voice control, and confidence using correct English and a well-modulated voice.

INTELLIGENCE: Requires the ability to learn and understand complex principles and techniques; to make independent judgments in absence of supervision; to acquire knowledge of topics related to the job of Plumber/Wastewater Operator.

VERBAL APTITUDE: Requires the ability to record and deliver information to supervisors and elected officials; to explain procedures and policies; and to follow verbal and written instructions, guidelines and objectives.

NUMERICAL APTITUDE: Requires the ability to utilize mathematical formulas; add and subtract totals; multiply and divide; determine percentages; determine time and weight; and utilize statistical inference.

FORM/SPATIAL APTITUDE: Requires the ability to inspect items for proper length, width, and shape, visually with test equipment.

MOTOR COORDINATION: Requires the ability to coordinate hands and eyes in using test equipment.

MANUAL DEXTERITY: Requires the ability to handle a variety of items, test equipment, control knobs, switches, etc. Must have the ability to use one hand for twisting or turning motion while coordinating other hand with different activities. Must have above average levels of eye/hand/foot coordination.

COLOR DISCRIMINATION: Requires the ability to differentiate colors and shades of color

INTERPERSONAL TEMPERAMENT: Requires the ability to deal with people (i.e. staff, supervisors, general public, and elected officials) beyond giving and receiving instructions such as in interpreting departmental policies and procedures. Must be adaptable to performing under moderate stress when confronted with an emergency.

PHYSICAL COMMUNICATION: Requires the ability to talk and/or hear: (talking - expressing or exchanging ideas by means of spoken words). (Hearing - perceiving nature of sounds by ear).

ATTENDANCE: A regular and dependable level of attendance is an essential function for this position.

The Clarksville-Montgomery County School System is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the school system may provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer. Signatures below indicate the receipt and review of this job description by the employee assigned to the job and the immediate supervisor.

Employee's Signature

Supervisor's Signature

Employee's Munis Number

Date

Date