



DOT-WASTE WATER TREATMENT PLANT OPERATOR

CHARACTERISTICS OF WORK:

This is senior-level technical work in the operation and maintenance of all water treatment plants in a given area of the state. Employees perform a number of tests on waste water and drinking water to determine the extent of pollution and to adjust or advise others to adjust the composition of the water as chemical and/or pollution levels reach unacceptable levels. The work entails area-wide program responsibility, extensive travel, and the exercise of independent judgment in maintaining a number of water treatment plants within the assigned area. Direct supervision may be exercised over Waste Water Treatment Aides or other maintenance workers performing routine chemical tests and first echelon plant maintenance, however, the exercise of supervision is not a requirement for classification into this job title. General supervision is received from a District Maintenance Engineer or other administrative superior.

EXAMPLES OF WORK:

Examples of work performed in this classification include, but are not limited to, the following:

Conducts or supervises the conducting of chemical tests on a regular basis at all waste water and drinking water plants in an assigned area of the state; conducts program practices in accordance with the Mississippi Air and Water Pollution Control Act and the Mississippi Safe Drinking Water Act of 1976.

Performs tests for influent ph, effluent ph, percent settlement of solids, dissolved oxygen, and chlorine content; determines the extent to which results conform to requirements established by applicable federal and state laws and implements corrective procedures accordingly.

Maintains records of testing activity and plant maintenance performed during a given period; forwards data to the immediate supervisor for inclusion in periodic reports.

Performs preventative and corrective maintenance on specialized treatment plant equipment such as chlorine injectors and oxygen blowers; ensures that routine maintenance is performed by maintenance crews on plant pumps and motors and plant grounds.

Maintains familiarity with state-of-the-art pollution control equipment, procedures, and techniques; incorporates findings into daily operations for improved effectiveness of the program.

Performs related or similar duties as required or assigned.

COMPETENCIES:

The following competencies describe the knowledge, skills, abilities, and attributes that lead to a successful employee in this position. An applicant will be expected to exhibit these competencies or the ability to reach competency achievement within a specified time. These competencies are linked to the essential functions of the job. Employees in this position may be evaluated on these competencies as part of the performance appraisal system. Example behaviors are listed below each competency and are used for illustrative purposes only. Specific behaviors may be identified and

included later by the hiring agency. It is understood that some of these behaviors might not be acquired until a reasonable time after hire. Failure of an employee to successfully demonstrate some or all of these competencies, as deemed important by his or her reporting official, may result in the employee being placed on a performance improvement plan. If after a reasonable period of time, usually three (3) months, the employee fails to demonstrate successful performance, the employee may be terminated. These competencies include, but are not limited to, the following:

PUBLIC SECTOR COMPETENCIES:

Integrity: Demonstrates a sense of responsibility and commitment to the public trust through statements and actions.

Models and demonstrates high standards of integrity, trust, openness, and respect for others. Demonstrates integrity by honoring commitments and promises. Demonstrates integrity by maintaining necessary confidentiality.

Work Ethic: Is productive, diligent, conscientious, timely, and loyal.

Conscientiously abides by the rules, regulations, and procedures governing work. Meets deadlines. Work product is of a high quality. Follows through on assigned tasks until they are completed correctly. Takes ownership of tasks and duties.

Service Orientation: Demonstrates a commitment to quality public service through statements and actions.

Seeks to understand and meet and/or exceed the needs and expectations of customers. Treats customers with respect, responding to requests in a professional manner, even in difficult circumstances. Provides accurate and timely service. Develops positive relationships with customers. Obtains first-hand customer information and uses it to improve projects and/or services.

Accountability: Accepts responsibility for actions and results.

Is productive and carries fair share of the workload. Focuses on quality and expends the necessary time and effort to achieve goals. Demonstrates loyalty to the job and the agency and is a good steward for state assets. Steadfastly persists in overcoming obstacles and pushes self for results. Maintains necessary attention to detail to achieve high level performance. Deals effectively with pressure and recovers quickly from setbacks. Takes ownership of tasks, performance standards and mistakes. Knows the organization's mission and functions and how it fits into state government.

Self Management Skills: Effectively manages emotions and impulses and maintains a positive attitude.

Encourage and facilitates cooperation, pride, trust and group identity. Fosters commitment and team spirit. Works effectively and cooperatively with others to achieve goals. Treats all people with respect, courtesy, and consideration. Communicates effectively. Remains open to new ideas and approaches. Avoids conflicts of interest. Promotes cooperation and teamwork. Continuously evaluates, adapts, and copes effectively with change. Allows self and others to make mistakes and learns from those mistakes. Adheres to high ethical standards.

Interpersonal Skills: Shows understanding, courtesy, tact, empathy, and concern to develop and maintain relationships.

Demonstrates cross-cultural sensitivity and understanding. Identifies and seeks to solve problems and

prevent or resolve conflict issues. Encourages others through positive reinforcement. Expresses facts and ideas both verbally and in writing in a clear, convincing and organized manner, helping others translate vision into action. Models appropriate behavior. Recognizes and develops potential in others; mentors. Builds constructive and effective relationships.

Communication Skills: Receives, attends to, interprets, and responds to verbal messages and expresses information to individuals or groups effectively.

Receives nonverbal cues, such as body language in ways that are appropriate to listeners and situations. Takes into account the audience and nature of the information. Listens to others and responds appropriately. May make oral presentations. Communicates ideas, suggestions and concerns as well as outcomes and progress throughout the course of an activity. Provides thorough and accurate information. Can accurately restate the opinions of others even when he/she disagrees.

Self-Development: Adapts behavior or work methods in response to new information, changing conditions, or unexpected obstacles.

Seeks efficient learning techniques to acquire and apply new knowledge and skills. Uses training, feedback, or other opportunities for self-learning and development. Develops and enhances skills to adapt to changing organizational needs. Remains open to change and new information and ideas. Is committed to and actively works to continuously improve himself/herself.

MANAGEMENT COMPETENCIES:

Emotional Maturity: Conducts oneself in a professional, consistent manner when representing the organization.

Has the ability to work through adversity and hold self and others accountable for work actions. Takes risks appropriate to one's level of responsibility. Acts as a settling influence in a crisis. Exhibits the ability to work through challenges and create opportunities.

Macro-Oriented: Exercises good judgment and makes sound, well-informed decisions.

Understands and appropriately applies procedures, requirements, and regulations related to specialized areas of expertise. Understands the effects of decisions on the organization and on other organizations.

Acts as a change agent by initiating and supporting change within the agency when necessary.

Working Through Others: Supports, motivates, and is an advocate for staff

Creates effective teams; shows a willingness to get work done through others. Clearly and comfortably delegates work, trusting and empowering others to perform. Reinforces and rewards team efforts and positive behaviors. Is fair, yet firm with others. Monitors workloads and provides feedback.

Results Oriented: Plans effectively to achieve or exceed goals, sets and meets deadlines.

Identifies, analyzes, and solves problems. Develops standards of performance and know what and how to measure.

Resource Management: Acquires, effectively and efficiently administers, and allocates human, financial, material, and information resources. Demonstrates ability to plan, prioritize, and organize.

TECHNICAL COMPETENCIES:

Technical Proficiency: The ability and willingness to exhibit competency in the technical areas needed to do a specific job.

Reads, comprehends, and correctly applies all rules, regulations, and policies applicable to work assignments. Performs work with a minimum amount of supervision in areas that are familiar. Demonstrates a solid working understanding of all department rules, regulations and policies. Proactively updates his/her knowledge of specific job duties.

Workflow Management: The ability and willingness to perform work within defined specifications and timelines and to manage conflicting priorities.

Operates under specific time constraints and within specified deadlines. Effectively prioritizes tasks in order to meet deadlines. Works on appropriate priorities to get the job done. Effectively prioritizes job tasks to ensure that work-related projects are completed efficiently and on time. Regularly meets deadlines when testing treatment plants. Utilizes his/her time wisely.

Problem Solving/Decision Making: The ability and willingness cooperate with other employees in identifying and solving problems in order to effectively and efficiently complete assigned tasks.

Exhibits ability to identify and address issues. Ensures that all problems encountered are addressed at the appropriate level and communicates all relevant information on a timely basis with accuracy and completeness. Exercises sound reasoning. Displays the ability and willingness to work with other offices or other divisions in order to collectively complete assigned tasks or problems as that arise. Demonstrates the ability to accurately identify, assess and resolve plant problems with little to no direct supervision.

Stakeholder Relations: The ability and willingness to interact and communicate effectively with stakeholders.

Proactively provides stakeholders with proper information in an effort to reduce occurrences of future problems. Supports the agency mission and goals in all interactions with internal and external stakeholders. Acts as an advocate for agency policy. Communicates effectively with his/her supervisor when proposing and relaying solutions to problems.

ESSENTIAL FUNCTIONS:

Additional essential functions may be identified and included by the hiring agency. The essential functions include, but are not limited to, the following:

1. Performs chemical tests on waste water to ensure conformance to applicable federal, state and municipal laws, regulations and ordinances.
2. Performs preventative and corrective maintenance on specialized equipment and ensures performance of routine maintenance on pumps and motors by maintenance crews.
3. Keeps abreast of pollution control equipment and techniques.

MINIMUM QUALIFICATIONS:

These minimum qualifications have been agreed upon by Subject Matter Experts (SME's) in this job class and are based upon a job analysis and the essential functions. However, if a candidate believes he/she is qualified for the job although he/she does not have the minimum qualifications set forth

below, he/she may request special consideration through substitution of related education and experience, demonstrating the ability to perform the essential functions of positions. Any request to substitute related education or experience for minimum qualifications must be addressed to the State Personnel Board in writing, identifying the related education and experience which demonstrates the candidate's ability to perform all essential functions of the position.

PHYSICAL REQUIREMENTS: These physical requirements are not exhaustive, and additional job related physical requirements may be added to these by individual agencies on an as needed basis. Corrective devices may be used to meet physical requirements. These are typical requirements; however, reasonable accommodations may be possible.

Moderate Work: May frequently exert force equivalent to lifting up to approximately 25 pounds and/or occasionally exert force equivalent to lifting up to approximately 50 pounds.

Vision: Requires the ability to perceive the nature of objects by the eye.

Near Acuity: Clarity of vision at 20 inches or less.

Midrange: Clarity of vision at distances of more than 20 inches and less than 20 feet.

Far Acuity: Clarity of vision at 20 feet or more.

Field of Vision: Ability to observe an area up or down, left or right while eyes are fixed on a given point.

Depth Perception: Three-dimensional vision. Ability to judge distance and space relationships so as to see objects where and as they actually are.

Accommodation: Ability to adjust focus.

Speaking/Hearing: Ability to give and receive information through speaking and listening skills.

Smell: Ability to use the sense of smell to identify and distinguish odors.

Motor Coordination: While performing the duties of this job, the incumbent is regularly required to use hands to finger, handle, or feel objects, tools, or controls; and reach with hands and arms. The incumbent is frequently required to walk; stand; stoop, kneel, crouch, or bend; and climb or balance. The incumbent is occasionally required to sit.

EXPERIENCE/EDUCATIONAL REQUIREMENTS:

Certification, licensure, or registration:

Possession of a current Class II Water Pollution Control Operator's Certificate;

AND

Possession of a current Class D, Class C, or Class B Water Works Operator's Certificate as required for operation of the level of water treatment plant(s) in the area to which assigned.

Required Document:

Applicant must attach a current copy of his/her Water Works Operator Certificate and Water Pollution Control Operator Certificate.

INTERVIEW REQUIREMENTS:

Any candidate who is called to an agency for an interview must notify the interviewing agency in writing of any reasonable accommodation needed prior to the date of the interview.

Additional essential functions and behavioral anchors may be identified and included by the hiring agency.