



San Antonio River Authority Job Description

Dam Technician I

DEPARTMENT: Watershed and Park Operations **LABOR GRADE:** 109
EXEMPT(Y/N): No **POSITION CODE:** 112112300
REPORTS TO: Dam Crewleader I and II

MEETING PERFORMANCE EXPECTATIONS

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

SUMMARY:

Operates field equipment and performs manual labor necessary to maintain flood retardant structures, flood channel stability, and flood water conveyance along the San Antonio River and tributaries.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following:

- Maintains vegetative cover on earthen dams and river channels for slope stability and prevention of erosion damage in auxiliary spillways due to flood waters.
- Maintains discharge channels behind flood retardant structures by spraying herbicide, removing brush or trees, and removing accumulated silt in channel.
- Operates a low-center of gravity tractor to maintain vegetation on earthen dam slopes with up to a 30° angle slope.
- Makes repairs or replaces sections of culvert discharge pipe when needed.
- Maintains principal spillway by repairing concrete, operating and oiling valves, repairing trash guards and keeping them free of debris.
- Maintains and repairs fences around retardant structures, River Authority sites, and other assigned properties and easements.
- Operates and maintains construction and agricultural heavy equipment such as dozers, backhoes, tract loaders, bobcats, excavators, dump trucks, maintainers, agricultural tractors, shredders, hay baling implements, augers, plows, power tools, gasoline mowers, vehicles, and other equipment commonly used for vegetative and structural maintenance.
- Performs routine and emergency maintenance checks and repairs on equipment,

vehicles, structures, and maintains the careful and proper use of equipment and materials assigned.

- Services and/or repairs motor vehicles, small engines, tractors, construction equipment, and farm equipment.
- Applies herbicides for control of noxious weeds following proper procedure under general supervision.
- Assembles and repairs structural forms such as trailers, hitches, equipment, buildings, flood gates, and other equipment as needed through welding.
- All other duties as assigned.

The absence of specific statements of duties does not exclude those tasks from the position if the work is similar, related, or a logical assignment of the position.

QUALIFICATION REQUIREMENTS:

The requirements listed below are representative of the knowledge, skill and/or ability required to successfully perform the essential functions of this position.

SUPERVISORY REQUIREMENT:

This position does not directly supervise any employees.

EDUCATION and/or EXPERIENCE:

A High School Diploma or G.E.D. plus three (3) years of progressively responsible experience in the operation of agricultural or construction equipment or vocational training in agriculture and at least two (2) years of progressively responsible experience in servicing motor vehicles and various types of farm or construction equipment; or any combination of experience and education that results in the required knowledge, skills, and abilities is required.

SPECIAL QUALIFICATIONS:

A thorough knowledge in basic carpentry and plumbing; the ability to weld proficiently with arc or mig; ability to attain a Handler's Verification Card for herbicide application within six (6) months of employment; ability to attain a valid class "A" Commercial Driver License within six (6) months of employment; ability to work independently requiring strict adherence and knowledge of safety practices and emergency procedures; ability to swim; and computer proficiency in the current Microsoft Office package is required.

Must have and maintain a valid driver's license and an insurable driving record.

LANGUAGE AND REASONING SKILLS:

Ability to provide excellent customer service; ability to understand written or oral instructions; read, analyze and interpret documents, instruction manuals, policies, and procedures is essential. Excellent communication skills (both oral and written) are required to effectively present

information in a one-on-one, small or large group setting. Ability to analyze data and information is essential. Strong interpersonal skills are essential to maintain effective working relationships with elected officials, agency representatives, civic groups, employees, and members of the general public. The ability to work effectively and efficiently, under sometimes stressful conditions, to ensure deadlines are met is essential.

PHYSICAL DEMANDS:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

Work requires the ability to traverse uneven terrain, and intermittently walk, stand, climb, balance, bend, crouch and reach while performing work duties. Regularly and safely lifts, carries, and handles supplies and equipment weighing at least 70 pounds. Occasionally lifts and carries up to 80 pounds approximately 15 feet. Visual acuity, hand/eye coordination and manual dexterity to accomplish River Authority Park operations.

WORKING ENVIRONMENT:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job.

Works outdoors the majority of the time, sometimes in adverse weather, and is exposed to such typical hazards of outdoor work as poison ivy, wasps, snakes, and other natural and mechanical hazards.

The stress level for this position is low and the workload often requires this position to work four/ten (10) hour shifts, work non-traditional hours including nights, weekends and holidays. Must be willing and available to work rotating on-call shifts. Must be able to perform in a small but highly professional team oriented environment.

Must be able to function in a principle based organization that has a culture built on character and SARA Core Values of Stewardship, Integrity, and Excellence.

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