



TSAILE – WHEATFIELDS – BLACKROCK
 DINEH WATER USER ASSOCIATION

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ORGANIZATION’S SECRETARY’S CELL NUMBER: (928) 349 - 0620

Job title	<i>Irrigation Technician</i>
Status:	<i>Part – Time Employment, Non -Exempt</i>
Hours:	<i>40 hours per week;</i>
Salary:	<i>\$ 14.58 per hour</i>
Reports to	<i>Farm Manager</i>

Position Overview

Tsaile – Wheatfields – Blackrock Dineh Water User’s Board Directors is seeking a passionate, polite, helpful, reliable, experienced, and knowledgeable Irrigation Technician to oversee the overall operation and maintenance of major irrigation lines used to delivery water to farmlands. The farmlands are located in three different locations with a combine total of 1,685 acres. 85% of these farmlands have been idling more than two years. The goal is to *Revitalize Farmlands* to become a productive land where crops, vegetables, and native foods are growing.

As result, the Irrigation Technician is expected to actively participate in the overall day to day operation and maintenance. The operation involves working closely with the Farm Manager to developing and implementing short - and long – range planning for coordinating irrigation activities on the farmland. The maintenance involves to ensure that the major irrigation line are in workable status to delivery water to farmland. The Irrigation Technician will coordinate and assess assigned project, and ensure it’s completed in a timely manner. There might be times, when one will work with equipment to fix or clean major irrigation line. There might be slow time, and during that time one will work in other area where work is needed, such irrigating where the organization has to intervene or sublease area of farmland. Finally, this is an opportunity for Irrigation Technician to grow and excel in experiencing agriculture related work.

Essential Duties and responsibilities

The essential functions include, but are not limited to the following:

Competencies required

Competencies	Description of Competencies
Communication	Balancing listening and talking; speaking and writing clearly and accurately; influence other to communicate openly and honestly; keeping others informed.
Team Work & Coachability	Ability to work as a member of a team; be receptive to feedback; willing to learn new things and share knowledge and skills; embracing continuous improvement. Be part of and contribute to the vision, mission, and goals of the T-W-B Dineh Water User Organization.
Problem Solving &	Managing problem solving and finding the best solution to a given problem or situation; collaborate with others to seek input and alternative new ideas; think first

Innovation	before acting. Take ownership of your work and think of new ways to do things better; and be willing to share your ideas with others.
Self - management	Be self - managing; focus on effective planning and time management as well as prioritization of tasks; be reliable and maintain work / life balance.
Technical & Practical Skills	Be able to understand and measure, monitor and adapt; seek training opportunities for further development; improve performance in day to day tasks of the role; use technology to improve productivity; be receptive and willing to learn and embrace technology as required of the position and job duties
Leadership / People Management	Lead, but empower; lead by example; set clear expectations and provide role clarity; be consistent and fair; review progress, develop people; provide feedback and guidance hold people accountable.
Administration & Quality Compliance	Keep up to date with administrative and reporting responsibilities required of the position and job duties; comply with policies requirements at all times.
Business & Asset Management	Work in setting and achieving targeted production. Ensure property and assets are optimized, secure and maintained.

Production:

- Control irrigation system to properly convey water to the farms in assigned areas
- Determine time and quantity of water needed and duration of water delivery
- Inspect canals, inlet boxes, pipelines, spillways, flumes, head gates, and water levels
- Maintain canal rights – of –ways in order to serve water for irrigating as requested by farmers
- Schedule and coordinate with farmers regarding irrigation of farmland
- Patrols assigned area by foot or horseback to detect leaks, breaks, weak area, or obstruction and damage to irrigation system
- Removes debris and sediment from irrigation systems
- Repairs banks, irrigation structures and gates, and canal roads
- Computes and calculates quantity of water required for irrigating farmland
- Compile a prioritize list of season work items to be delivered Farm Manager by October 1 of each year
- Writes reports and keep daily records of irrigation, number of farmers irrigating, amount of water used
- Prepares reports on the condition of irrigation systems, and repairs or replaces as needed
- Prepared to be on call for 24 hours a day and 7 days a week, due to make emergency repairs to irrigation system(s)
- Orders materials, and supplies needed to repair or maintain irrigation system
- Uses bolts and mechanic’s hand tools

General Administration:

- Operates and maintains major irrigation system to ensure the systems are work properly and effectively at all times
- Works closely with Farm Manager, and Equipment Operator
 - Due to downtime in working with irrigation system at time; one must be willing to work in other area where work is needed, such inventory, handy man, overseeing other smaller jobs such as irrigating farmland where the organization is intervening or subleasing
- Attend professional development opportunities, as appropriate

Qualifications and Experiences

Education:

- High School graduate or GED diploma or equivalent of training and experience. One could have a *vocational certification in agriculture equipment operation, or certificate from 4-H in equipment operator.*

Experience:

- Required to have at least (3) three years in irrigation infrastructure
- Experience in building and equipment
- Experience in conservation practices
- Experience in collaborative work and deliver kind communication skills

Knowledge, skills, and abilities:

Listed below are required representative of the knowledge, skills, and/or abilities. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Knowledge:

- Knowledge and passion for community farming and ranching, food justice, and food system development
- Knowledge of Din4 philosophy of Sa' 2h Naagh17 Bik' eh H0zh==n where thinking, planning, implementing, and monitoring and reflecting are used for protection and for the development of well – being of the Din4 people.
- Knowledge of irrigation
- Knowledge of equipment and use
- Knowledge of occupational safety and health guidelines, practices, and procedures
- Knowledge of machines and tools, including their designs, uses, benefits, repair, and maintenance
- Knowledge of equipment, tools, mechanical devices, and their uses to produce motion, light , power, technology, and other applications such as hand and power tools
- Knowledge and prediction of physical principles, laws, and applications including air, water, material dynamics, light atomic principles, heat, electric theory, earth formation, and meteorological and related natural phenomena
- Knowledge of numbers, their operations, and interrelationships including arithmetic, algebra, and geometry

Skills:

- Safely operating and maintaining farm and heavy equipment, machinery, vehicles, and semi-truck
- Conducting inventory of supplies, materials, tools, and equipment
- Following written and verbal instruction
- Preparing records and basic written report using computer
- Interacting passionately with staff, farmers, volunteers, and interns
 - Establishing and maintaining effective working relationship

Abilities:

- Ability of good common senses and knowledge of safety first awareness
- Ability to lift more than 25 pounds and able to determine not to attempt to lift heavy or awkward object out of the canal without assistance
- Ability to exert maximum muscles force to lift, push, pull, or carry objects
- Ability to coordinate two or more limbs
- Ability to perform activities while the whole body is in motion:
 - Coordinating the movement of arms, legs, torso together

- Using abdominal and lower back muscles to support part of the body repeatedly or continuously over time without 'giving out' or fatiguing
- Quickly and repeatedly bend, stretch, twist, or reach out with body, arms, and/or legs
- Quickly moves hand, moves hand together with arm, or moves two hands to grasp, manipulate, or assemble objects
- Ability to time movement(s) of a piece of equipment in anticipation of changes in the speed and/or direction of a moving object or scene.
- Ability to detect or tell the differences between sounds that vary in pitch and loudness
- Ability to tell when something is wrong or likely to go wrong (only recognizing)
- Ability to see details a distance
- Ability to see details in close range
- Ability to communicate information and ideas in speaking, both English and Din4 language, so others will understand:
 - To be open and flexible to working with staff, and farmers
 - To be flexible and willing to take on variety of tasks along with an ability to effectively collaborate with team
- Ability to know location in relation to the environment or to know where other objects are in relation to you

Must have a valid driver’s license; and

Working conditions

The work conditions involves the following:

- Working with farmers in scheduling irrigation
- Cleaning debris and dirt sediment out of irrigation line
- Driving equipment or vehicle, and hooking up attachment such as trailer
- Operating heavy equipment clearing, digging, scooping, lifting, moving, carrying, loading dirt that equal to or less 5 tons
- Using either control mechanisms or direct physical activity to operate machines or processes
- Handling, installing, forming, positioning, and moving materials using hands and arms
- Inspecting equipment, structures, and materials

Physical requirements

The Irrigation Technician may be required moving whole body, where activities often considers use of arms and legs in handling physical materials. There are times he/she may be required to the following: continual walking, standing, climbing, bending, kneeling, reaching, lifting, cutting, and carrying, and working with hand tools and power tools. Definitely, the position is an outdoor job with some indoor.

Approved by:	
Date approved:	
Reviewed:	

Job description reviewed annually and updated as often as necessary.