



FIELD TECHNICIAN (I/II/III)

General Summary:

Distributes water to users of the District's water rights within assigned areas in accordance with Oregon Law, District Policies and Procedures, and District management direction. The Field Technician encounters and must communicate with District Patrons daily. The District places tremendous value on strong relationships and timely, respectful communication. The employee works under the direct supervision of the Operations Manager, with oversight by the General Manager, during both Irrigation and Maintenance seasons, and during emergency situations.

Supervision Received:

The Field Technician reports to the Operations Manager daily and to the General Manager weekly or as requested more or less frequently.

Duties and Responsibilities:

- Perform a variety of semi-skilled and skilled duties in the distribution, measurement, delivery, and documentation of water.
- Measurement and balancing of water distribution using a variety of tools including but not limited to weirs, meters, data logs, calculators and basic mathematics.
- Perform repair work in, on, and around District-owned facilities including cleaning and maintenance of irrigation canals, ditches, trash/weed racks, weirs, check structures, pipelines, penstocks, hydroelectric machinery, easements, and any other structures as necessary to assure:
 1. Safe access to facilities.
 2. Proper operation of facilities.
 3. Proper conveyance and distribution of water in a timely manner.
- Patrol assigned area by motor vehicle, foot, or any other management approved manner to detect leaks, breaks, weak areas, or obstructions and damage to the District's conveyance system and easements.
- Remove debris by mechanical or hand methods and make emergency repairs to canal banks, conveyance structures, and other District-owned facilities.
- Adjust, regulate, and report unauthorized or excessive use of water.
- Maintain detailed water distribution logs/records for an assigned area within the District.

- Monitor and utilize a District-owned cell phone which is required to be on and in your possession at all times.
- Enhance and maintain strong relationships with patrons through respectful, timely and accurate communications.

Construction Maintenance/Monitoring:

- Perform a variety of semi-skilled and skilled duties, under general supervision, in the construction, fabrication, repair, cleaning, maintenance, and monitoring of irrigation and hydroelectric facilities.

Land Use/Easement, Water Rights, Special Projects:

- Evaluate and communicate to supervisors the potential impacts to District operations, water rights, and facilities by proposed or actual land use development activities and or encroachment.

Job Qualification Requirements:

- Working knowledge of residential and farm-scale irrigation -- open canals and piped systems – with an understanding of basic hydraulics, hydrology, and water measurement techniques.
- Working knowledge and experience with heavy equipment.
- Ability to use Microsoft Word and Excel (with basic proficiency in computer operations), Adobe, and GIS software.
- Ability to read and understand plats, land surveys, and basic construction drawings.
- Ability to perform basic mathematical functions for accurate calculations and problem solving.
- Ability to understand, confirm, and relay oral and written instructions.
- Ability to communicate efficiently and proficiently via voice, text, and email.
- Ability to establish effective working relationships with other employees, supervisors, outside contractors, water users, and the public at-large.
- Possess excellent time management skills and ability to efficiently understand and prioritize work tasks.
- Ability to operate motor vehicles, machines, and tools safely and in accordance with applicable laws, regulations, and work rules.
- Working knowledge of basic construction techniques, construction hand tools, including but not limited to concrete forming and mechanical construction.
- Ability to understand and comply with safety regulations and maintain a safe work environment.
- Work cooperatively and effectively with others, communicate in a respectful, constructive manner.
- Ability to work effectively in what can sometimes be considered challenging, time constrained and demanding environments.
- Ability to work emergency and other on-call District project needs, especially during the irrigation season (April 1 – October 31), as well as performing work which may include a 40-hour work week including potentially 1 to 3 hours every Saturday or Sunday during the irrigation season (with occasional over-time).

Skills, Education, and Experience:

- Basic welding and fabrication skills – preferred.
- Basic carpentry and woodworking skills - preferred.
- Irrigation facilities construction skills – preferred.
- Basic hydraulics skills and ability to read hydraulic schematics - preferred.
- Basic electrical skills and ability to read electrical schematics - preferred.
- Possession of or ability to obtain appropriate Oregon Pesticide Applicators License - preferred.
- GIS technology knowledge and experience - preferred.
- Experience working in the same or similar position or setting – preferred.
- High school diploma or equivalent.

License/Certificate/Registrations:

- Valid Oregon Driver's License in good standing – required.
- CPR/AED and Standard First Aid certifications – preferred.

Typical Physical Activities:

This is a physically demanding, primarily outdoor maintenance occupation that requires the ability to work independently to address demanding physical elements. The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this position.

- The employee is required to use hands to finger, handle, feel or operate objects, tools or controls.
- The employee is required to sit, climb, balance, stoop, kneel, crouch or crawl.
- The employee is required to walk and balance on slippery and / or uneven terrain and narrow structures.
- Work within and in close proximity to moving water in irrigation canals and river diversions.
- Ability to perform strenuous physical activities, occasionally lifting 80 lbs.
- Ability to walk several miles a day over rough terrain.
- Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and the ability to adjust focus.
- Outside weather exposure.
- The employee will be exposed to dust, fumes, airborne particles, toxic or caustic chemicals, and vibrations.

Environmental Factors:

- Exposure to the sun: 25% to 100% work time spent outside a building.
- Use of ladders or other elevated work surfaces.
- Performs manual labor in sub-zero to triple digit degree temperatures.
- Occasional works in the vicinity of constant/intermittent/loud noises/sounds.

- Frequently works on unusually wet and/or slippery surfaces.
- Frequent work in or around areas with small to large amounts of dust present.
- Occasional work where gases, fumes, and odors are present.
- Occasional entry into confined/restricted spaces and work environments.
- Frequent work involving oils, fuels, solvents, paints, greases, and other lubricants.

Employee

Date

General Manager

Date