

## SWALLEY FIELD TECHNICIAN II; GENERAL JOB DESCRIPTION

### Essential Functions

Under direct supervision of the District Field Supervisor (Senior Field Tech III) and as instructed by the General Manager, the job involves:

75% Water Delivery /Customer Relations

20% Construction / Maintenance

5% Utility Locates / Water Rights / Special Projects

### **Water Delivery:**

Perform a variety of semi-skilled and skilled duties in the distribution, measurement and delivery of irrigation water to irrigators. Measurement and balancing of water distribution using weirs, meters, and basic math. Perform repair work in, on, and around irrigation facilities including cleaning and maintenance of irrigation canals, ditches, trash racks, pipelines and other structures as necessary to assure: (1) safe access to facilities, (2) proper operation of facilities (3) proper conveyance and distribution of irrigation water in a timely manner. The Field Tech comes into contact and must communicate with many District customers daily. The District places tremendous value on strong relationships and timely, respectful communication with its water users.

### **Construction and Maintenance:**

Perform a variety of semi-skilled and skilled construction and maintenance duties.

Skilled: Operation of small-to-medium sized heavy equipment as needed, delicate excavation, canal bank/sink hole repairs, concrete forming, metal fabrication, mechanical repairs, installation of pipelines, valves, meters, weirs etc., occasional low voltage electrical troubleshooting and some knowledge of hydraulics would be a benefit to the District.

Perform a variety of monitoring, maintenance, and operational duties at the District-owned small hydroelectric facility. Skilled technicians competent in electrical and mechanical troubleshooting may earn enhanced responsibilities.

Semi-Skilled: Cleaning and maintenance of irrigation canals, ditches, trash/weed racks, unplugging pipelines, use of basic hand tools, chainsaw work, and performance of other necessary duties as assigned. This is a physical, primarily outdoor job that also requires a lot of driving.

### **Utility Locates, Water Rights, Special Projects:**

Evaluate potential impacts to District operations, water rights, and facilities by proposed or actual land use development and or encroachment activities. Use of the District's web-based and mobile GIS system to map and update infrastructure assets, evaluate digital and hardcopy data, write various reports and or small grant applications, and make responsible, sound recommendations to management.

### **General 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 perform strenuous physical activities, occasionally lifting up to 80 lbs. Ability to walk several miles in a day over rough conditions. Hustle is expected.

Working knowledge of basic construction techniques, construction hand tools, carpentry and concrete forming practices. Ability to operate a variety of small and medium-sized hand tools, including chainsaws.

Ability to read and understand plats, land surveys, and basic construction drawings.

Ability to create and keep digital and hardcopy records.

Ability to perform basic mathematical functions and problem solving.

Ability to use Microsoft Word and Excel (with basic proficiency in computer operations).

Ability to understand and carry out oral and written instructions.

Ability to communicate efficiently and proficiently via voice, text, and email. When writing formal letters, reports or emails, proper grammar and spelling is essential.

Ability to establish and maintain effective, respectful working relationships with staff and the public.

Ability to understand safety regulations and maintain a safe work environment.

Be agreeable to working emergency on-call during the irrigation season ( April 1 – October 31), to working a 40 hour work week that may include weekends during the irrigation season (with occasional over-time as necessary), and to carry an iPhone that is always on, and that you must respond to during the irrigation season.

Hold a valid Oregon Driver's License and be a safe, courteous driver with no accidents.

**\*Must be able to demonstrate the ability to work well with others, communicate in a respectful, constructive manner, and cope well in what can sometimes be considered stressful, hurried environments.**

-----

Welding and fabrication skills a plus.

Hydraulic skills and ability to read hydraulic schematics a plus.

Electrical skills and ability to read electrical schematics a plus.

Possession of an Oregon Commercial Driver's License (CDL) (or ability to obtain -- TBD per hiring negotiations) a plus.

Possession of appropriate Oregon Pesticide Applicators License (or ability to obtain within the first six months of probation --TBD per hiring negotiations) a plus.

Experience with mobile GIS technology a plus.

Associate, Bachelor, and or other degrees and technical certificates a plus.

**\*After several years of positive performance in this position you will be expected to advance your skill set and take on additional duties, which may involve supervision of other field staff.**