

**KENNEWICK IRRIGATION DISTRICT
JOB DESCRIPTION**

MAINTENANCE III

REPORTS TO: Assistant Operations/Maintenance Manager

DATE: June 2024

GENERAL SUMMARY:

Under the direction of the Assistant Operations/Maintenance Manager, this position performs a variety of work activities that support the District operations, maintenance, and construction activities.

ESSENTIAL DUTIES:

1. Maintain the District Main Canal, canal laterals and patrol roads
2. Isolate systems and record information on the District computer systems
3. Maintain the piping and valves within any District system,
4. Replace turnout gates and other water diversion components
5. Install and repair underground piping of all sizes, materials and depths, including but not limited to: fittings, restraints, valves, and vaults
6. Flush pressurized service area lines and other various areas within the District
7. Follow requirements for trenching and compaction
8. Follow safety requirements for trenches and road construction
9. Make asphalt repairs and install new asphalt
10. Mark and call in locates
11. Respond to customer trouble calls within District and other pressurized service area systems regarding problems with the customer's water delivery
12. Communicate with Customer Service on status of work orders and customer inquiry calls
13. Record all calls received, work completed and parts used on daily work orders
14. Install concrete forms, pour and finish concrete
15. Produce and maintain records for operations, maintenance, replacement and construction of District facilities and property including, but not limited to: vehicle mileage and equipment hours, materials hauled to canal locations, District property mowed, pesticide applications, maintenance parts inventory used, pump station performance, water records, and service orders
16. Driving fleet vehicles
17. May burn weed growth throughout District canal systems
18. Clear canal weed screens from blockage with hand tools, removing debris and wind-blown materials
19. Frequently use tools such as shovels, weed rakes, pitch forks, pipe cutters, wrenches, hammers and other maintenance hand tools.
20. Frequently use a variety of power tools such as gas cutting torches, welders, soil compactors, concrete saws, impact wrenches, compressors, jack hammer, saws-all, chain saws, brush mowers, weed cutters and other general power tools as necessary
21. Inspect and service District heavy equipment prior to operating assigned equipment
22. Operates a variety of motorized equipment such as pickup trucks, boom trucks, dump trucks, vacuum truck, graders, dozers, back hoe, wheel loaders, excavators and other heavy equipment as necessary including all vehicles/equipment that requires a Class A CDL
23. Work is performed with general oral and/or written instruction and with limited supervision.
24. Work scheduled weekend and holiday assignments when assigned

25. Other duties as assigned.
26. This is a safety sensitive position for which impairment while working presents a substantial risk of death.

KNOWLEDGE, SKILLS, AND ABILITIES:

KNOWLEDGE OF:

1. Washington State safety standards and requirements

SKILLS AND ABILITY TO:

1. Identify, operate, maintain, and replace/install components of irrigation infrastructure
2. Read maps, blue prints and charts related to operations, maintenance, and replacement of water diversions, canals, and distribution systems
3. Identify, analyze and appropriately correct abnormal conditions or situations in irrigation delivery systems and equipment
4. Maintain and repair a variety of irrigation distribution piping including PVC, steel, asbestos, concrete and others within the District.
5. Properly secure trailer loads of all sizes
6. Operate heavy equipment
7. Operate vehicles/equipment that require a Class A CDL, including but not limited to, dump truck, towing multi-axle trailers, tractor truck.
8. Communicate effectively in writing, handwrite legibly
9. Communicate effectively orally on a telephone and two-way radio
10. Operate personal computers using District software products
11. Perform the physical requirements of the job, which includes lifting and carrying up to 100 lbs
12. Establish and maintain effective working relationships with fellow employees

LICENSES/CERTIFICATES AND REQUIREMENTS:

1. High School Diploma or equivalent
2. Washington State Driver License
3. Class-A Commercial Driver License with Tanker endorsement
4. Five years progressive experience at KID or 8 years progressive experience in construction, maintenance, landscaping, or other related fields
5. Acceptable Washington state vehicle driving record and criminal record
6. Basic First Aid Certificate with CPR (obtain within one year of employment)
7. Forklift Operator Certification (obtain within six months of employment)
8. Flagger Certification (obtain within one year of employment)
9. AC Pipe Certification (obtain within one year of employment)
10. Competent Persons Certification (obtain within one year of employment)
11. Confined Space Certification (obtain within one year of employment)

WORKING CONDITIONS:

1. This position is normally field work outdoors in all weather conditions with some shop work as required
2. Exposure to pesticides, petroleum products, extremes of weather, raw water, mud and dust at work sites, street traffic, water born algae and weeds
3. Heavy lifting and pulling up to 100 lbs., standing, kneeling, sitting, crawling, bending, stooping and twisting on a continuous basis

Job Analysis

	N	S	O	F	C	Notes
Climbing				X		Over pipes, down/up metal or wood stairs
Balancing					X	On uneven ground, on ladder
Stooping/Bending					X	On uneven ground; check meter reads, adjusting gates; logging equip. checks; installing check boards.
Twisting Squatting/Kneeling					X	On uneven ground, paved/unpaved
Crawling		X				Over under pipes, motors, weir boxes
Foot Controls				X		Vehicle, equipment
Lifting				X		Vault lids, small motors, hoses,
Reaching Forward			X			Open door, adjusting gates.
Reaching Level			X			Adjusting gates
Reaching Below Waist			X			Work on meter in meter box, close valve; pulling weeds off weed screens
Reaching Above Shoulder			X			Priming Pumps; Changing light bulb;
Handle/Grasp					X	Pitch fork
Fine Finger Manipulation					X	Tools, steering wheel, parts
Hand Controls			X			Vehicle/backhoe,
Repetitive Motion				X		Body Part: Cycles/hr
Vibratory Tasks			X			Vibration of power/hand tools
Pulling				X		Cleaning weed screens
Talking			X			With customers, peers
Hearing					X	With customers, peers
Visual					X	Light, dark, twilight, inside/outside; peering in; checking mirrors; looking for hazards
Environmental Conditions						
Exposure to Weather					X	Position works outside
Extreme Cold					X	Capital improvement projects
Extreme Heat		X				
Wet and or Humidity			X			Outside position
Proximity to moving mechanical parts				X		Amon Pump; other pumps, motorized weed screens
Noise Intensity – Loud			X			
Exposure to Heights			X			
Exposure to Electricity		X				
Exposure to Toxic/Caustic Chemicals			X			Need to be aware when chemical applications are made to canals
Exposure to Radiation	X					

Key:

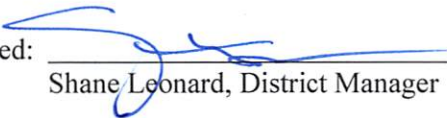
N = Never

S = Seldom

O = Occasional

F = Frequent

C = Constant

Approved:  _____
Shane Leonard, District Manager

Date:  _____

Date Board confirmed: June 4, 2024