



Tuolumne Utilities District
Job Description
UTILITY WORKER 4

POSITION:	Utility Worker 4 (Heavy Equipment Operator)	DEPARTMENT:	Construction / Maintenance
REPORTS TO:	Const/Maint Superintendent		
PAY RANGE:	Range 32	DATE PREPARED:	June 2011
INCUMBENT:			

General Description:

Performs a variety of construction, maintenance and repair work on water and wastewater distribution, collection, treatment and disposal systems and facilities; assists and performs work in the installation, maintenance and repair of water and sewer mains, services and appurtenances, fire hydrants, and District facilities. Under general supervisor, operates heavy equipment including, but not limited to dozers, loaders, backhoes, excavators, graders and trucks. In the absence of the superintendent or foreman, may assume supervision responsibilities of the immediate on-site work crew. Performs other related work as required.

Essential Functions –*Essential responsibilities and duties may include, but are not limited to, the following:*

- Transports, operates and maintains heavy equipment used in construction excavation and/or pipeline repairs.
- Assists in the installation, maintenance, repair, cleaning, and flushing of water and wastewater pipelines and other system facilities.
- Operates pneumatic tools, compressors, jack hammers, tampers, and similar equipment required to perform assigned tasks.
- Performs installation, maintenance, repair, cleaning, and flushing of water and wastewater pipelines and other system facilities.
- Repairs main and service line leaks and breaks; replaces lines as needed. Chlorinates and disinfects main lines as needed.
- Repairs water system infrastructure such as gate valves, meter connections, angle stops, service pipes and corporation stops.
- Taps main lines for new or replacement service.
- Performs a variety of maintenance and repair tasks on water distribution facility system implements such as fire hydrants, air relief valves, blow-offs, pressure control stations, sample stations, and general District facilities and equipment.
- Cleans, repairs, installs and/or replaces water meters and parts.
- Tests meters for accuracy at various flows.
- Responds to customer complaints regarding water quality, low and high pressure, and water consumption resulting in a high bill.
- Cleans dead-end lines by discharging water until no apparent odor, taste or color exists, fully complying with all required permit conditions.
- Reads meters, shuts services off, seals services, and/or removes meters as directed.
- Collects water quality samples for laboratory testing.
- Shuts down main lines in emergencies.
- Distributes customer notices.
- Performs stand-by duty as scheduled.
- Operates various equipment (air compressor, jackhammer, etc.) and forklift (upon certification).

- Assists contractors and representatives of other utilities with location of District facilities.
- Cleans, removes weeds, and trims trees and bushes as needed.
- Observes pumping equipment to identify possible problems and operating difficulties.
- Complies with all District policies, procedures, rules and regulations including all safety standards.

Qualification Requirements:

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

Knowledge of:

- Procedures, materials, tools, and equipment used in the repair, replacement and construction of water and wastewater systems and facilities.
- Uses, purposes and maintenance of hand and power tools.
- Operation, use and maintenance of a wide variety of light, moderately heavy, and heavy power-driven equipment.
- Safe work methods and safety precautions as related to the job.

Ability to:

- Perform a variety of skilled and semi-skilled tasks in general construction, repair, and maintenance activities.
- Operate equipment used in the performance of the more complex tasks involved in the installation, maintenance and repair of water and wastewater pipelines and facilities, including the skilled operation of heavy equipment.
- Troubleshoot leak locations and adjust, repair or remedy such defects of malfunctions.
- Perform strenuous manual labor, often under adverse weather conditions.
- Establish and maintain effective working relationships with those contacted in the course of work.
- Read road maps, system diagrams, instructions, work orders, safety and operation manuals, letters, reports, memos and messages.
- Read and transcribe numbers accurately.
- Write memos and messages; fill out forms, reports, and documents.
- Understand and carry out written and oral instructions.
- Communicate all hand signals related to construction operations.
- Maintain clean and orderly work environment.

Physical Demands:

The physical demands described herein are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to display verbal skills to effectively interface with other staff members and the public; sit and stand for extended periods of time; walk, climb and negotiate uneven terrain; climb, ascend and descend steps and embankments; lift, push, pull and carry up to 75 lbs.; kneel, stoop, bend, squat, use hands to finger, handle, or feel objects, tools and controls, and drive a vehicle in all weather conditions.

Specific vision abilities required by this job include close vision, distance vision, peripheral vision, depth perception, and the ability to adjust focus.

Work Environment:

The work environment characteristics described herein are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Outside: Drives a vehicle and performs assigned duties in a variety of weather conditions ranging from snow to 100+F.
- Inside: Seldom works indoors in a temperature-controlled environment.
- Fumes/Gasses: Exposure to various vapors from internal combustion engines; exposure to dust generated during construction operations; exposure to fumes from weed control chemicals and waste treatment and collection.
- Noise/Vibration: Moderate exposure to noise, and moderate vibration from tools and equipment.

Other Requirements:

Education: High school diploma or the equivalency thereof.

Must successfully pass within six months of appointment the Office of Water Programs (CSU, Sacramento) Water Distribution System Operation and Maintenance course.

Drivers License: Must possess a valid Class A California driver’s license, have a satisfactory driving record, and be insurable by the District to operate District vehicles.

Heavy Equipment: Must pass heavy equipment performance test before appointment.

Water Distribution Operator Certification: Must possess within 18 months of appointment, a California Water Distribution Operator, Grade 1 certification. Within three years from the date of employment, must obtain D2 certification.

Experience:

Five years experience in underground and above ground construction, working on installation, testing, maintenance and repair of pipelines and facilities, including five years experience operating heavy equipment.

Work Hours:

7:00 a.m. to 3:30 p.m.; five consecutive workdays. Subject to change, as required to meet the needs of the District. Must be willing to work overtime and/or alternate schedule when required. Must participate in the on-call standby rotation on a regular basis and live in Tuolumne County.

I have reviewed and agree to abide by any requirements reflected in this job description.			
	Date		Date
Supervisor’s Signature		Employee’s Signature	
Approved by General Manager:		Approval Date: ____ / ____ / ____	