

PLATTE CANYON WATER AND SANITATION DISTRICT

JOB DESCRIPTION

JOB TITLE: Water Distribution and Wastewater Collection System Operator I

General Statement

Under general supervision, performs a variety of duties necessary for the proper operation and maintenance of the Districts' water and wastewater systems and facilities including water valves, fire hydrants, water mains, wastewater mains and appurtenances, pump stations, equipment, vehicles and plant. Makes direct contact with the public in response to customer service calls, facility disturbances, and construction.

Supervision Exercised

None

Examples of Duties

1. Performs routine sanitary sewer cleaning and television inspection using high velocity water jet wastewater cleaners, chemical root treatment equipment, and closed-circuit television inspection equipment.
2. Operates, maintains, and repairs drinking water system facilities including isolation valves, pressure reducing valves, air-vacuum valves, blow-off valves, meters and water mains.
3. Conducts drinking water system flushing operations to maintain water quality using blow-off valves and fire hydrants. Performs water quality tests using a variety of testing equipment. Maintains accurate, detailed records of testing results.
4. Operates, maintains, and repairs drinking water and wastewater pumping facilities including pumps, motors, motor control units, generators, comminutors, Supervisory Control and Data Acquisition (SCADA) equipment and other related electronic and mechanical equipment.
5. Responds to customer service calls and reports of facility disruption on a 24-hour (on call) basis as designated by the Operations Foreman. Diagnoses problems and resolves those that are within the District's jurisdiction and authority.
6. Locates District underground facilities in accordance with Colorado 811 utility location statutes.
7. Maintains accurate detailed records of routine and emergency maintenance performed and prepares written reports as required.
8. Performs preventive maintenance and repair of District building facilities including plumbing, mechanical, and electrical equipment.
9. Inspects, operates and maintains equipment such as pickup trucks and other vehicles, generators, compressors, pumps, pavement breakers, tampers, chain saws, and other equipment.

10. Uses proper safety precautions related to all work performed and fully complies with the District's safety program through job performance and attendance at scheduled safety meetings.
11. Conducts cross connection control and back flow prevention inspections.
12. Performs related duties as assigned.

QUALIFICATIONS FOR APPOINTMENT

Knowledge, Skills, and Abilities

- Knowledge of simple hydraulics and operation of water systems, including pressure, water connections, pumps, valves, and controls.
- Knowledge of sanitary wastewater system operation and maintenance including simple hydraulics, flow, maintenance procedures, and equipment operation.
- Knowledge of safety procedures including but not limited to confined space entry, construction zone safety, hazardous material safety and traffic control practices and procedures.
- Knowledge of cross connection control and backflow prevention regulations and standards
- Ability to operate, repair, and maintain vehicles and equipment including hydraulic wastewater cleaners, closed circuit television inspection units, pickup trucks, pumps, motors, motor controls, compressors, generators, jackhammers, tampers, and chain saws.
- Ability to read, interpret and modify GIS and as-build pipe and facility plans and maps.
- Ability to troubleshoot and resolve water and wastewater system problems.
- Ability to use computers and other digital devices for various activities including inputting work orders, maintaining records and preparing reports.
- Ability to communicate effectively both orally and in writing.
- Ability to maintain effective working relationships with employees and the public.
- Ability to proficiently use personal computers and other digital devices and software programs including but not limited to Microsoft Word, Xcel, Esri, Replicon Web Time Sheet, Infor Asset Management System and SCADA system programs.

Education

Graduation from high school or equivalent education.

Experience

None

Licenses, Certificates, or Credentials

Must obtain a Class I Colorado Water Distribution and Class I Colorado Wastewater operator certification within six months after hire date. Must obtain Class II certifications after two years possessing Class I certifications.

Within six months of appointment must possess and maintain a valid Class "B" Colorado commercial driver's license (CDL) with liquid bulk and air brake endorsements and have a satisfactory driving record.

Will be required to operate vehicles with a gross vehicle weight rating or gross combination weight rating of 26,001 pounds and greater.

Must possess a Colorado Department of Agriculture Pesticide Applicator's License within one year of date of appointment.

Must possess certification from NASSCO (National Association of Sewer Service Companies) which include Pipeline Assessment, Lateral Assessment and Manhole Assessment within six months of date of appointment.

Must possess confined space entry certification within one month of the date of appointment.

Must possess CPR, first aid, and AED certification within one month of the date of appointment.

Other Requirements

Required to perform on-call duty, work weekends, holidays, or overtime as directed; and perform strenuous work outdoors in a variety of weather conditions.

Must agree to periodic random drug and alcohol testing in accordance with U.S. Department of Transportation regulations and District policy.

Physical Examination Category

Essential Duties require the mental and physical ability to drive and operate a variety of vehicles and equipment; detect odors and running water; identify mechanical noises; converse on the telephone and in person, sometimes over the noise of machinery; bend, stoop, climb and stand for long periods of time; read fine print with no color deficiencies to detect color-coded wires and read results of water color tests; manipulate small parts and components; pushing, pulling and lifting of hoses, attachments and controlling buttons and levers; utilizes pressure water hoses (up to 2500 p.s.i.); uses a variety of hand and power tools including demolition saw, chain saw, 60 or 90 lb. jackhammers (combination of push, pull, guide and partial lift); removing and replacing manhole covers (100 to 185 lbs.); ascends and descends stairs, ladders, vaults and on and off equipment; aligns and secures trailer attachments to truck hitches by manually cranking a jack to align the hitch and attachment; loads and unloads compressors, air circulators, water pumps and large hoses (50 to 150 lbs.), repair parts and materials for water and sewer repair and maintenance.

Must complete a pre-employment physical test or Human Performance Evaluation (HPE).

Must complete a Human Performance Test (HPE) every two years after date of appointment.