

PLATTE CANYON WATER AND SANITATION DISTRICT

JOB DESCRIPTION

JOB TITLE: Water Distribution and Wastewater Collection System Operator II

General Statement

Under general direction of the District Operations Supervisor and/or Operations Foreman, is responsible for the operation and maintenance of water distribution, wastewater collection, building, vehicle and all supporting facilities and assets owned by Platte Canyon and all other entities that contract for such services with Platte Canyon.

Supervision Exercised

Exercises supervision over assigned personnel as a significant part of position responsibilities.

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 Supervisor. 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 and active participation in safety meetings.
11. Conducts cross connection control and backflow prevention inspections.
12. Performs related duties as assigned.

QUALIFICATIONS FOR APPOINTMENT

Knowledge, Skills, and Abilities

- Extensive knowledge of water distribution and wastewater collection systems. Extensive knowledge of hazards and safety precautions, especially those related to water and wastewater system operations such as confined space entry, construction zone safety, hazardous materials and traffic control practices and procedures.
- Knowledge of state and federal safety and water quality regulations associated with the water treatment and distribution and wastewater collection and treatment.
- Ability to inspect, operate, and maintain vehicles and equipment including but not limited to hydraulic wastewater cleaners, closed circuit television inspection units, pickup trucks, pumps, motors, motor controls, compressors, generators, jackhammers, tampers, and chain saws.
- Knowledge of electrical and hydraulic principles.
- Knowledge of cross connection control and backflow prevention regulations and standards.
- Ability to read, interpret and modify GIS and as-built pipe and facility plans and maps.
- Ability to analyze, troubleshoot and resolve water and wastewater deficiencies and failures.
- 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.
- Ability to produce and maintain clear, concise records and reports.
- Ability to organize, coordinate and work with other operators in an efficient and productive manner.
- Ability to communicate effectively both orally and in writing.
- Ability to maintain effective working relationships with other District employees the public and other private and public sector organizations.

Education

Graduation from high school, supplemented with vocational or college training in a related area.

Experience

Five (5) years' experience related to water distribution and/or wastewater collection system operations, including pump station operations.

An equivalent combination of education and experience may be substituted for either requirement.

Licenses, Certificates, or Credentials

Must possess a minimum of Class III water distribution and a Class III wastewater collection operator certification on the date 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 the following on the date of appointment:

- Colorado Department of Agriculture Pesticide Applicator’s License
- Certification from NASSCO (National Association of Sewer Service Companies) which include Pipeline Assessment, Lateral Assessment and Manhole Assessment
- Confined space entry certification
- CPR, first aid, and AED certification

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.

Must perform safety sensitive functions.

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 200 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.