

SYSTEM OPERATOR

BASIC FUNCTION:

Under the direction of the General Manager and Chief Plant Operator, performs a variety of duties in the operation of the district's surface water and/or wastewater treatment plant including reports and chemical/empirical tests. Responsibilities include the installation, repair and preventive maintenance of the district water/wastewater mains and services; operate and maintain a variety of equipment utilized in the maintenance and repair of District water/wastewater lines and related systems. Operate the District's water and/or wastewater plant as needed. Read water meters monthly.

Primary Responsibilities:

Operate and maintain a variety of equipment utilized in the maintenance and repair of District water/wastewater lines and related systems, including dump trucks, sewer machine, backhoe, and track hoes.

Operate television-monitoring equipment and inspect new and used pipe; identify maintenance and repair needs and notify supervisor as required.

Read maps and key sheets related to pipeline locations.

Operate equipment and excavation in the installation and repair of water and sewer lines, pipe, and manholes; service connections as necessary including taps.

Read water meters monthly (approximately 450).

Perform related duties as assigned.

Secondary Duties:

- Employee involved in the operation and maintenance of the water and/or wastewater treatment plant.
- Assists in the development of a preventative maintenance schedule for the equipment at the wastewater treatment plant.
- Responds to citizen complaints relative to the operation and maintenance of the water and/or wastewater treatment plant.
- Monitors quality of raw and finished water. Assists in the installation, repair and maintenance of pumps, instrumentation, and other equipment.
- Maintains laboratory test equipment in proper working order.
- Assists in the testing and sampling requirements of the TCEQ.
- In the absence of Chief Plant Supervisor, performs laboratory sampling and testing including chlorine residuals, pH constant, jar tests, turbidity and other related tests.

Knowledge of:

- TCEQ rules relating to public water and wastewater systems.
- District rules, regulations, and policies.
- Laboratory procedures, water treatment plant maintenance activities, equipment, and materials used in the plant.
- Treatment plant operations relative to flocculation, sedimentation, and filtration.
- State, local, and Federal laws relative to the operation and maintenance of the water and/or wastewater treatment plant.

Ability to:

- Operate the various water and/or wastewater treatment plant equipment and machinery and perform operation and maintenance requirements relative to the treatment plant and collection system.
- Establish and maintain effective working relationships with fellow employees and the public.
- Read, comprehend, and interpret O & M manuals, process, electrical, mechanical and structural drawings.
- Deal with the public and general contactors and suppliers courteously and tactfully.
- Perform mathematical computations including addition, subtraction, multiplication, division, fraction and percentage calculations in English and metric.
- Communicate, read, write, and understand English at a level necessary for efficient job performance.
- **Must be able to be on 24/7 callout on a four week rotation.**

EDUCATION AND EXPERIENCE:

Any combination equivalent to graduation from high school and a valid C driver's license.

LICENSES AND OTHER REQUIREMENTS: *Must have or obtain TCEQ Class D Water and Wastewater License within 12 months of employment. Must obtain TCEQ Class C Surface Water and Class C Wastewater Treatment within 2 years. *

ENVIRONMENT:

Outdoor work environment: operate equipment to conduct work; seasonal heat and cold or adverse weather conditions; noise from equipment operation.

PHYSICAL ABILITIES:

Climbing in and out of equipment; heavy lifting; standing for extended periods of time; dexterity of hands and fingers to operated equipment; kneeling or crouching to perform trench work.

HAZARDS:

Driving a vehicle during adverse weather conditions; working in a cramped or restrictive work chamber; working with chlorine and ammonia gas, working around and with machinery having moving parts.

Non-exempt

STARTING SALARY RANGE: \$19.80-23.00 per hour. DOE* and current licensing if applicable.

Resumes can be sent to

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