

Water and Wastewater Operator

Job Summary

Under supervision, responsible for operation and maintenance of the city's water treatment plant, water distribution system, wastewater collection system and wastewater treatment plant.

Primary Responsibilities

- Monitors plant instrumentation, records and files operational data.
- Obtains samples from designated points for compliance testing. May perform selected routine tests with department owned laboratory apparatus.
- Operates valves, hydrants, electronic controls and other control systems for proper operation and maintenance of plant processes and water / wastewater conveyance systems.
- Calculates dosage requirements and adjusts chemical feeds and other process controls as required to meet system requirements.
- Responsible for routine inspection of facilities and equipment including water storage tanks. Inspects and logs condition information for system infrastructure.
- Performs preventative maintenance, cleaning and repair tasks for process equipment, lift stations, pump stations and other treatment plant related infrastructure.
- Performs housekeeping and custodial tasks associated with maintenance of departmental facilities.
- Performs mowing and other grounds maintenance activities for department maintained fields, lawns and landscaped areas.
- Performs labor tasks including painting, cleaning, hand excavation, road repair, inspection of manholes, repair of sewers, forcemains, water mains, hydrants, valves and tanks.
- Operates sewer cleaning equipment, mechanical excavation equipment, mechanical lifts, tractors, etc.
- Assists with industrial and commercial discharge permit program. Performs inspections, installs monitoring and sampling equipment.
- Performs work associated with the installation of new service lines for water and wastewater system.
- Performs other duties as assigned.

Knowledge and Skill Requirements

- Minimum high school graduate or GED required with general knowledge of equipment operation and use of mechanical and hand tools.
- Post-secondary education with emphasis on chemistry and / or biology desired.
- Good verbal and written communication skills.
- Ability to attain required state water and wastewater certifications for water and wastewater treatment, distribution and collection systems.
- Good computer skills
- Must have a valid driver license and have the ability to obtain Commercial Drivers License (CDL)
- Ability to read and understand blueprint drawings.
- Knowledge of operation and maintenance of mechanical and electrical equipment.
- Knowledge of Occupational Safety and Health Rules for Industry and Construction.

PRE-EMPLOYMENT PROCESS

The Calvert City Municipal Water and Sewer System conducts professional reference and criminal history checks for all employees joining the organization. In addition, the following is required for this specific position: driver's check (must have valid driver's license and excellent driving record). All final candidates must successfully complete and pass the pre-employment process before their first day of employment.

PRE-EMPLOYMENT PROCESS REQUIRED SCREENING

1. Drug screening
2. Pulmonary function test
3. Functional capacity test
4. Physical examination
5. Police background check (criminal and driver's license)