

Water Treatment Plant Operator

Job Summary:

This position is responsible for skilled, licensed work in the operation and maintenance of equipment in the Water Treatment Plant. Work involves the operation of water treatment facilities and equipment to ensure compliance with operating permits. This position is also responsible for preventative maintenance of plant equipment. Incumbents in this classification are fully qualified plant operators responsible for the efficient operation of water treatment equipment on an assigned shift.

Major Duties include, but are not limited to:

- Operation of surface water treatment facility employing conventional flocculation, sedimentation and filtration technologies
- Operate surface water plant in accordance with GA EPD regulations
- Responsible for the safe, compliant, and economic operation of systems in the water utility area
- Responsible for decisive and timely action in response to production and distribution tanks
- Ability to troubleshoot system problems and make necessary corrective action steps during shift and maintain process and system operation with minimal supervision
- Perform preventative maintenance
- Use SCADA system to monitor and control plant operations, distribution tanks and booster pumps
- Utilize water treatment instrumentation (turbidimeters, online chlorine analyzer, pH probes, jar test apparatus, etc.).
- Operate and troubleshoot chemical feed pumps to ensure appropriate chemical dosing
- Conduct chemical drawdowns to determine chemical feed ppm
- Collect samples and perform routine quality control tests. May also perform routine testing on water brought to the plant in the event of a system water leak.
- Monitor system gauges and meters, start and stop equipment, operate valves to route and control flows, determine the proper chemical dosages, and control flow rates
- Monitor operations of surface water intake and raw water pump equipment
- Maintain and complete daily log books, bench test sheets and maintenance records
- Conduct filter washes according to plant policy
- Perform routine housekeeping and site maintenance
- Assist with job safety analysis/safe work permitting and bench top analysis as needed
- Ability to work effectively within a team environment with internal and external personnel and regulatory agencies.

Work Environment:

Work is performed both indoors and out, during cold and warm weather, sometimes in inclement weather conditions. Hazards associated with the position include, but are not limited to, working around machinery with moving parts, working around high voltage machinery, and working with dangerous chemicals. Personal Protection Equipment must be worn at all times.

Minimum Qualifications:

High school diploma or equivalent; five (5) years of experience or training in the field of water treatment plant operation or water chemistry preferred; Class I, Class II, or Class III Water Operator License required. Compensation is based on experience and education.

How to Apply/ Contact

www.villarica.org

Water Distribution Crew Leader

Job Summary:

A Water Distribution Crew Leader provides on-site supervision to a work crew engaged in the installation, construction, maintenance and repairs of the City's water mains, services, valves and fire hydrants and wastewater services and mains. Water Distribution Crew Leader may function as an equipment operator on a crew. This would also require being responsible for ensuring that the job is completed efficiently, effectively and that the quantity and quality of the work conforms with established guidelines and procedures. Water Distribution Crew Leader will respond to emergency calls as required.

Major Duties:

- Overseeing a crew to perform a full range of general repair duties related to the City's water distribution system: repair broken water lines including transmission mains, distribution mains and residential and commercial water service lines; performs hot taps under pressure; disinfects new water pipes or parts used for repairs and utilizes other proper repair techniques to provide sanitary water to the public.
- Overseeing a crew to perform a full range of system maintenance duties including to install and maintain all appurtenances associated with water distribution system; maintains and replaces commercial and residential fire hydrants; installs new and maintain existing blow off valves used to flush water to maintain quality.
- Overseeing a crew to perform a full range of general maintenance duties including to clean and maintain properties that are part of the water system; maintain vegetation and overall cleanliness of pressure regulators vaults, sewer mains and fire hydrants.
- Overseeing a crew to perform meter maintenance and exchange duties; repairs leaks, tests and replaces water meters of various sizes; installs new meter service lines for newly developed properties; reads meters and performs shut-offs as required.
- Overseeing a crew to repair asphalt and concrete after repairs to water distribution system; repairs concrete sidewalk panels; assists patch crew in laying new asphalt in the streets; makes temporary street patches as necessary.
- Operates a variety of vehicles, equipment and tools including service trucks, dump trucks, sewer trucks, backhoe, concrete and asphalt cutting saws, jackhammer, soil compacting tamper and hand and power tools; loads and unloads vehicles and equipment.
- Serves in emergency standby capacity; provides customer service and performs all aspects of distribution system maintenance and repair during after hour periods including holidays and weekends.
- Expected to exercise considerable initiative and independent judgement to ensure the safety of the crew and the general public, as well as the effective and efficient utilization of all equipment, materials, supplies and personnel assigned for each work site.

- Responsible for all inventory and orders of material and equipment needed.
- Maintains records of basic operations, maintenance and work performed.
- Responsible for providing performance information and reviews of crew.
- Performs other related duties as assigned.

Knowledge Required by the Position:

- Operational characteristics of water distribution system.
- Knowledge of City and department policies and procedures.
- Knowledge of safety rules and regulations.
- Knowledge of material commonly used in construction, maintenance and repair activities as related to assigned areas.
- Operational characteristics of maintenance and construction equipment.

Water & Sewer Technician

Job Summary:

Under supervision performs a variety of semi-skilled and manual work involved in the maintenance, installation and repair of the City's water distribution system to ensure the proper operation of the system to deliver a safe drinking water supply to the public.

Water and Sewer Technician:

This is an entry-level class in the Water Distribution and Sewer Department. This class is distinguished by the performance of the more routine tasks and duties assigned to positions within the department. As experience is acquired, incumbents perform with less immediate supervision and continue to learn the full duties and responsibilities.

Major Duties:

- Performs a full range of general repair duties related to the City's water distribution system: repair broken water lines including transmission mains, distribution mains and residential and commercial water service lines; performs hot taps under pressure; disinfects new water pipes or parts used for repairs and utilizes other proper repair techniques to provide sanitary water to the public.
- Performs a full range of system maintenance duties including to install and maintain all appurtenances associated with water distribution system; maintains and replaces commercial and residential fire hydrants; installs new and maintain existing blow off valves used to flush water to maintain quality.
- Performs a full range of general maintenance duties including to clean and maintain properties that are part of the water system; maintain vegetation and overall cleanliness of pressure regulators vaults, sewer mains and fire hydrants.
- Performs meter maintenance and exchange duties; repairs leaks, tests and replaces water meters of various sizes; installs new meter service lines for newly developed properties; reads meters and performs shut-offs as required.
- Repairs asphalt and concrete after repairs to water distribution system; repairs concrete sidewalk panels; assists patch crew in laying new asphalt in the streets; makes temporary street patches as necessary.
- Operates a variety of vehicles, equipment and tools including service trucks, dump trucks, sewer trucks, backhoe, concrete and asphalt cutting saws, jackhammer, soil compacting tamper and hand and power tools; loads and unloads vehicles and equipment.
- Serves in emergency standby capacity; provides customer service and performs all aspects of distribution system maintenance and repair during after hour periods including holidays and weekends.
- Maintains records of basic operations, maintenance and work performed.

- Performs other related duties as assigned.

Knowledge Required by the Position:

- Operational characteristics of water distribution system.
- Knowledge of City and department policies and procedures.
- Knowledge of safety rules and regulations.
- Knowledge of material commonly used in construction, maintenance and repair activities as related to assigned areas.
- Operational characteristics of maintenance and construction equipment and tools used in work activities.
- Skills in performing various manual labor assignments as needed.
- Ability to interpret instructions and efficiently carry them out with general supervision.
- Ability to perform tasks involving heavy manual labor.
- Ability to communicate effectively with co-workers, the general public and members of diverse cultural and linguistic backgrounds.

Minimum Qualifications:

High school diploma or equivalent; valid State of Georgia Driver's License;

How to Apply/ Contact

www.villarica.org