



CITY OF WALHALLA POSITION DESCRIPTION

WATER PLANT OPERATOR

(STARTING SALARY ~ \$60,000)

GENERAL PURPOSE

Performs technical, operational and maintenance work in the operation of the City's water treatment plant, distribution system and pretreatment program. Ensures the safe, efficient and compliant production and distribution of potable water in accordance with all applicable local, state and federal regulations. Responsible for monitoring system performance, maintaining water quality standards and supporting the overall reliability of the City's water infrastructure.

SUPERVISION RECEIVED

Works under the general supervision of the Chief Water Plant Operator.

SUPERVISION EXERCISED

None.

ESSENTIAL DUTIES AND RESPONSIBILITIES

Operates and monitors water treatment plant systems including pumps, filters, chemical feed systems and control equipment.

Maintains proper treatment processes by adjusting chemical feeds and system controls to ensure compliance with regulatory standards.

Performs routine inspections of plant equipment, storage tanks and distribution system components.

Collects water samples and conducts laboratory testing to ensure compliance with water quality standards.

Maintains accurate operational logs, reports and records as required by regulatory agencies.

May assist in the operation and maintenance of the water distribution system, including valves, hydrants and water mains.

Monitors system pressures, tank levels and flow rates to ensure efficient system performance.

Performs routine inspections, preventative maintenance and minor repairs on plant equipment and facilities.

Supports and implements pretreatment program requirements.

Ensures compliance with all applicable federal, state and local regulations, including those established by the South Carolina Department of Environmental Services.

Maintains tools, equipment, and work areas in a safe and orderly condition.

Follows all safety procedures and uses appropriate personal protective equipment.

Responds to emergency situations and participates in after-hours callouts as required.

Performs related duties as assigned.

DESIRED MINIMUM QUALIFICATIONS

Education and Experience:

Graduation from high school or G.E.D. equivalency; and
Five (5) experience in water treatment, water system or a related field preferred;
Any equivalent combination of education and experience.

Necessary Knowledge, Skills, and Abilities:

Knowledge of water treatment processes, distribution systems and applicable regulations.
Ability to operate and maintain mechanical and electrical equipment.
Ability to collect samples, perform testing and maintain accurate records.
Ability to read and interpret gauges, meters, technical manuals and operational data.
Ability to communicate effectively and follow written and oral instructions.
Ability to perform physical labor and work safely in a variety of environments.

SPECIAL REQUIREMENTS

Class B Water Pretreatment Certification or higher is required
Class D Water Distribution Certification or higher is preferred
Valid South Carolina driver's license or ability to obtain prior to employment

TOOLS AND EQUIPMENT USED

Regularly operates motor vehicle; when in the office, operates computer and standard office equipment, such as telephone, copier and fax; pumps; valves; meters; laboratory testing equipment; and related utility equipment.

PHYSICAL DEMANDS

Physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Minimal physical effort generally required for work performed in the office. Moderate to strenuous physical effort occasionally required in the performance of work at the scene of emergencies which require long periods of time walking and standing. The position involves physically risky functions under emergency conditions. May be required to walk on uneven terrain, push, stoop, kneel, crouch, crawl, reach with hands and arms, climb and balance. Specific vision abilities required by the job include close vision, distance vision, color vision, peripheral vision, depth perception and the ability to focus.

Must be physically able to exert up to fifty pounds of force occasionally and frequently to lift, carry, push, pull, or otherwise move objects. Physical demands are in excess of sedentary work.

WORK ENVIRONMENT

The noise level in the work environment is usually quiet in the office setting to moderate in the field.

ESSENTIAL SAFETY FUNCTIONS

It is the responsibility of each employee to comply with established policies, procedures and safe work practices. Each employee must follow safety training and instructions provided by their supervisor. Each employee must also properly wear and maintain all personal protective equipment required for their job. Finally, each employee must immediately report any unsafe work practices or unsafe conditions as well as any on-the-job injuries or illnesses.

The duties listed above are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to the position.

The City of Walhalla is an equal opportunity employer.