

Water and Wastewater Operator

FLSA Status: Non-Exempt / Grade 12 / Full Time Position

General Definition of Work

Performs intermediate skilled trades work in the operation of water and wastewater treatment plants and related work as required. Work is performed under the general direction of the Senior Operator and Public Works Director.

Essential Functions

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

Performs duties including operation, maintenance, and repair of the water and wastewater systems.

Performs standard testing, maintains records, prepares necessary reports and records, collects data and forwards this information to the necessary governmental agencies.

Checks the functioning of pumps, motors and related equipment and controls; adds chemicals as needed.

Identifies service needs and performs maintenance and repairs or corrective action to avoid service interruptions.

Orders materials, parts and supplies necessary for assigned projects.

Assists with the minor or routine maintenance and repair of generators, backhoes, dump trucks, trenchers, vacuum trailer and various department equipment; exercises and performs preventive maintenance, diagnosis and repairs on generators and other plant equipment.

Performs related tasks as required.

Knowledge, Skills and Abilities

General knowledge of the principles, practices, equipment and methods used in water and wastewater treatment and pumping operations; general knowledge of the occupational hazards connected with water and wastewater plant operations and related activities and of necessary safety precautions; general knowledge of chemistry as applied to wastewater treatment; ability to adjust pumps, chemical feed machines and other plant equipment; ability to check the operation of equipment and to detect defects in operation; ability to take accurate readings, to keep routine records and to make arithmetical computations; ability to establish and maintain effective working relationships with associates.

Education and Experience

High school diploma with certifications as indicated in the Special Requirements section and moderate experience in the operation of a water and/or wastewater treatment plant, or equivalent combination of education and experience.

Physical Requirements

This work requires the occasional exertion of up to 50 pounds of force; worker is frequently using hands to finger, handle or feel, reaching with hands and arms, pushing or pulling and lifting and occasionally requires standing, walking, sitting, speaking or hearing, climbing or balancing, stooping, kneeling, crouching or crawling, tasting or smelling and repetitive motions; work requires close vision, distance vision, ability to adjust focus, depth perception, color perception, night vision and peripheral vision; vocal communication is required for expressing or exchanging ideas by means of the spoken word and conveying detailed or important instructions to others accurately, loudly or quickly; hearing is required to perceive information at normal spoken word levels and to receive detailed information through oral communications and/or to make fine distinctions in sound; work requires preparing and analyzing written or computer data, visual inspection involving small defects and/or small parts, use of measuring devices, assembly or fabrication of parts within arms length, operating machines, operating motor vehicles or equipment and observing general surroundings and activities; work occasionally requires wet, humid conditions (non-weather), working near moving mechanical parts, working in high, precarious places, exposure to fumes or airborne particles, exposure to toxic or caustic chemicals, exposure to outdoor weather conditions, exposure to extreme cold (non-weather), exposure to extreme heat (non-weather), exposure to the risk of electrical shock, exposure to vibration, wearing a self contained breathing apparatus and exposure to bloodborne pathogens and may be required to wear specialized personal protective equipment; work is generally in a loud noise location (e.g. heavy traffic, large earth-moving equipment).

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Special Requirements

Possession of appropriate level of Wastewater and Water Treatment Plant Operator license(s).

Possession of an appropriate driver's license valid in the Commonwealth of Virginia.

Position is an on-call position and employee is subject to call back on a 24/7 basis as needed.

Visit Charles City County website at <http://www.co.charles-city.va.us/> to receive application. Email application to Tsbowman@co.charles-city.va.us or mail application to Charles City County, Attn: Human Resources Department, 10900 Courthouse Road, Charles City, VA. 23030. Applications will be accepted until position is filled.