

PERQUIMANS COUNTY

Position: Water Plant Operator
Reports to: Water Department Supervisor

Department: Water Department
Employee:

POSITION DESCRIPTION

Performs responsible skilled work operating water treatment plants, does related work as required. Work is performed under the immediate supervision of the Water Treatment Plant Superintendent. This is heavy work requiring the exertion of 100 pounds of force occasionally, up to 50 pounds of force frequently and up to 20 pounds of force constantly to move objects; work requires climbing, balancing, stooping, kneeling, crouching, crawling, reaching, standing, walking, pushing, pulling, lifting, fingering, grasping, feeling, and repetitive motions; 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; visual acuity is required for depth perception, color perception, night vision, peripheral vision, 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 at or within arms length, operation of machines, operation of motor vehicles or equipment, determining the accuracy and thoroughness of work, and observing general surroundings and activities; the worker is subject to inside and outside environmental conditions, extreme cold, extreme heat, noise, vibration, hazards, atmospheric conditions, oils, and wearing a respirator. The worker may be exposed to blood borne pathogens and may be required to wear specialized personal protective equipment.

JOB DUTIES AND FUNCTIONS

1. Operating a water treatment plant; taking samples; performing routine tests; helping to ensure proper plant operation; maintaining records and files.
2. Makes regular inspection of plant and equipment to ascertain that it is in proper operation at all times.
3. Collects samples for testing; performs tests relating to plant operations.
4. Checks all plant equipment and biological and chemical systems for proper operation and takes necessary corrective actions.
5. Makes changes in plant process as necessary to improve plant efficiency.
6. Read meters, gauges and dials and keeps logs of readings.
7. Reports needs for equipment repairs.
8. Backwashes filters, fills chemical feeder hoppers.
9. Performs plant maintenance, repair of plant equipment, grounds keeping and housekeeping duties.
10. Performs basic laboratory tests.
11. Keep records.
12. Assists with planning and implementation of sludge disposal program.
13. Performs related tasks as required.

JOB KNOWLEDGE, SKILLS, AND ABILITIES

1. Knowledge of water treatment plant principles and operating practices, knowledge of the operating characteristics and maintenance requirements of a water treatment plant;
2. Ability to detect flaws in the operation of equipment and to determine proper remedial measures;
3. Ability to establish and maintain effective working relationships with associates;
4. Ability to keep records and prepare reports;
5. Knowledge of local, state, and federal laws and regulations relating to water treatment

QUALIFICATIONS/REQUIREMENTS

1. Considerable experience in the operation of a water treatment plant
2. Graduation from high school or an equivalent combination of experience and training
3. Class C-Well Water Treatment Plant Operator's certificate issued by the State of North Carolina required; ability to obtain a Class B-Well Water Treatment Plant Operator's certification within one year;
4. Ability to obtain a Physical/Chemical Grade I North Carolina certification for wastewater treatment within two years.
5. Possession of an appropriate driver's license valid in the State of North Carolina.