

PUBLIC WORKS TECHNICIAN

FLSA Status: Non-Exempt

General Statement of Duties

Performs a variety of responsible unskilled, semi-skilled, and skilled work in the water, wastewater, streets and sanitation operations of the town.

Distinguishing Features of the Class

An employee in this class performs a variety of unskilled, semi-skilled, and occasionally skilled labor and technical tasks in the operation of the Town's water and wastewater treatment plant operations as well as the maintenance and repair of streets, sidewalks, curbs and storm drains. Employee usually works as part of a crew and involves assuring proper safety measures are followed. Work involves operating a variety of tools and light equipment (including dump truck, tampers, road side tractor) to build, repair and replace sections of streets, sidewalks, curbs and storm drains; patching asphalt with hot or cold materials; installing, repairing and replacing street signs, painting crosswalks; operating weed-eater, chainsaw, pole saw, leaf blower, riding mower, and push mower; cutting grass; removing snow and ice from Town streets. Work includes picking up bulk items from residential homes and the business district. Work also includes making water and sewer connections and cut-offs; repairing water and sewer line leaks; checking water source wells for proper operation; and reading meters. Employees are subject to working in both inside and outside environments, in extreme hot and cold weather, and exposure to various hazards such as loud noises, vibration, moving mechanical parts, chemicals, fumes, odors, dusts, mists, gases, poor ventilation, and oils. Work may subject employee to compliance with final OSHA Standards on blood borne pathogens. Work is performed under regular supervision and is evaluated through observation and inspection for adherence to instructions and standard trade and safety practices.

Illustrative Examples of Work

- Performs plant water and wastewater inspections and housekeeping tasks, collects plant effluent samples for testing, calibrates portable meters and obtains pH and dissolved oxygen (DO) readings. Operates collection system and sewer lift station, runs sewer jetter to clear lines, operates distributions to ensure quality water for the citizens.
- Reads meters for billing purposes.
- Works as a part of a crew and performs semi-skilled and skilled trades work in the replacement and repair of streets, sidewalks, curbs, and storm drains.
- Patches asphalt and concrete with gravel, hot asphalt, cold patch and other materials; operates air hammers, rollers, and other light equipment; rakes asphalt; patches concrete sidewalks, curb and gutter, driveway aprons and other concrete structures.
- Cuts grass with tractors, bush hogs, lawn and riding mowers and weed eaters; trims bushes and trees to retain sight distance.
- Handles leaf collection by raking and vacuuming as needed.
- Clears storm drains.

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- Paints street markings and stop bars; installs street signs.
- Uses hand tools and operates equipment to dig holes and replace clean areas for paving. • Operates construction equipment such as trucks, tampers, concrete mixers, paving roller, air hammers, rollers, street sweeper and other related light and medium equipment.
- Performs minor preventive maintenance on vehicles and equipment.
- Assists in traffic control.
- Removes ice and snow from town streets and roads.
- Performs related tasks as required.

Knowledge, Skills, and Abilities

Knowledge of:

- Tools, materials, and equipment used in general construction and maintenance work;
- Municipal maintenance and construction practices;
- Occupational hazards and safety precautions of the work;
- Environmental and regulatory requirements related to the work.

Ability to:

- Understand oral and written instructions;
- Operate construction equipment;
- Establish and maintain effective working relationships with citizens, supervisors, and other employees; Maintain simple work records.

Working Conditions and Physical Demands of Work

Must be able to physically perform the basic life operational functions of climbing, balancing, stooping, kneeling, crouching, crawling, reaching, standing, walking, pushing, pulling, lifting, feeling, talking, hearing, and repetitive motions. Must be able to perform very heavy work exerting up to 100 pounds of force occasionally; 50 pounds of force frequently; and 20 pounds constantly. Must possess the visual acuity to operate mobile equipment such as the backhoe and dump truck as well as hand tools in a safe manner, to operate equipment safely around other people and around property, to perform visual inspections and to complete records.

Education and Experience

Graduation from high school or GED and some experience in semi-skilled maintenance, equipment operation or construction work; or an equivalent combination of education and experience.

Special Requirement

- Possession of a valid North Carolina driver's license.

Emergency Response

This position is subject to call back during emergencies and during inclement weather conditions. This position will provide support as directed during approved adverse conditions.

This job/class description, describes the general nature of the work performed, representative duties as well as the typical qualifications needed for acceptable performance. It is not intended to be a complete list of all responsibilities, duties, work steps, and skills required of the job.