**telemetry and control technician (WATER RESOURCES)**

**General Definition of Work:** *FLSA Status: Non-Exempt*

Performs intermediate technical work in the maintenance and repair of a variety of electrical and electronic equipment sewer pump stations and related water resources facilities; does related work as required. Work is performed under regular supervision.

**Essential Functions/Typical Tasks:**

**Repairing and maintaining electrical and electronic equipment and controls; installing and checking new equipment.**

*(The following tasks 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.)*

* Installs, repairs and maintains electrical and electronic equipment, programable logic controls, SCADA components, and telemetry equipment associated with sewer pump stations and other water resources facilities.
* Inspects sewer pump stations and related equipment for proper operation.
* Trains other water resources personnel to be able to troubleshoot minor electrical problems during periods of call or times of short personnel to assist in the electrical troubleshooting.
* Performs electrical repairs on lift stations to include but not limited to wiring, replacing relays, circuit protection devices, contactors, starters, variable frequency drives, and soft starters.
* Ensures pump stations are capable of being powered by generators during periods of power loss: installs generator receptacles and transfer switches.
* Installs, maintains and downloads data sensing devices.
* May be required to work outside normal working hours in an emergency or stand-by status.
* Performs related tasks as required.

**Knowledge, Skills and Abilities:**

Thorough knowledge of the standard practices, tools and terminology of the electrical trade; thorough knowledge of electrical theory; thorough knowledge of National Electrical Code and State and local electrical codes and ordinances; thorough knowledge of the safety hazards of the work and of the necessary safety precautions; ability to troubleshoot energized electrical equipment; ability to make repairs to complex electrical wiring, fixtures and equipment; ability to perform manual work over extended periods of time; skill in the use of electrical maintenance and repair equipment; ability to establish and maintain effective working relationships with associates.

**Education and Experience:**

Any combination of education and experience equivalent to graduation from high school and extensive experience in electronic systems maintenance.

**Physical Requirements:**

This is medium work requiring the exertion of 50 pounds of force occasionally, up to 20 pounds of force frequently, and up to 10 pounds of force constantly to move objects; work requires climbing, kneeling, crouching, crawling, reaching, standing, walking, pulling, lifting, fingering, and repetitive motions; vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoken word levels; visual acuity is required for depth perception, color perception, 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, noise, vibration, hazards, atmospheric conditions, and oils. The worker may be exposed to bloodborne pathogens and may be required to wear specialized personal protective equipment.

**Special Requirements:**

Possession of an appropriate commercial driver’s license valid in the State of North Carolina or the ability to obtain in 6 months.