**Water / Waste Water Operator**

**Primary Role:** Independently operates, maintains, repairs and inspects water and wastewater treatment facilities for the Town of Clarksville.  Includes the collection and laboratory analysis of water and wastewater samples per state regulations, recording data and preparing regulatory reports, adjusting chemical feed rates, and other similar duties. Position will also be required to assist with the water and wastewater collection system on a periodic basis, and may participate in water and sewer main and service repairs.

**Key Accountabilities:** Operates water and wastewater facilities; adjusts chemical feed systems, monitors process controls and insures compliance with applicable state and federal regulations. Collects and analyzes samples required for compliance and process control. Troubleshoot technical and operational systems.   Management of a SCADA system in order to meet plant production goals.

* Performs maintenance of the water and wastewater systems.   Perform assigned general housekeeping duties. Maintains and calibrates hand-held and on-line monitoring equipment and treatment equipment as required.
* Follows Company’s Environmental, Health & Safety Policies, and report unsafe conditions.
* Takes and records system operation readings according to prescribed schedules. Creates Regulatory reports.
* Maintains daily logs, records plant operating data as required in logs and operations software
* Effective, timely, and respectful communication and interactions with other employees, supervisors, individuals from other organizations, and citizen customers.
* Serves as Operator in Charge in the absence of the Chief Plant Operator.
* Assist in repairs of water and sewer main and service repairs with other project staff
* Performs other related functions assigned or as they become apparent.

**Knowledge/Skills:**

* Able to read gauges and meters.
* Prepare and maintain accurate paperwork such as records, logs, orders, surveys and routine reports as directed.
* Able to perform accurate mathematical calculations related to this position.
* Good communication skills will all levels.
* Perform standardized water and wastewater process control, monitoring, and compliance sampling and testing.
* Past working knowledge using mechanical skills, for making minor repairs to process equipment, piping, motors, etc.
* Ability to respond to emergencies
* Capable of lifting and/or carrying 50lbs. or more on a frequent basis. Walking up and down stairs and long distances. Carrying, climbing, and working from ladders. Working in confined areas.
* Hands-on experience in light duty electrical power systems 480 V three phase, and instrumentation calibration and use.
* Some computer skills; MS Word, MS Excel and SCADA systems.
* Collect water samples for analysis by state lab
* Knowledge of the techniques, equipment and materials used in the mechanical maintenance and repair of related equipment and systems.
* Possesses a thorough knowledge of water and wastewater facilities operation and maintenance.
* Specifically but not limited to knowledge of methods and precautions in storing and handling chlorine compounds and other industrial chemicals.
* Knowledge of health and safety regulations.

**Education/Experience:**

* High School graduate or state recognized education equivalency certificate.
* Must possess a valid State driver’s license.  Attend continuing education as needed for Operator certification renewal.
* Additional trade specific courses preferred.
* Four years in operation of water and wastewater facility operation and repair

**Licenses & Certifications:**

* The position requires demonstrated experience and possession of a current Virginia Water License 2 and a Wastewater License 3 certifications, or the ability to achieve required licensing within one (1) year.
* ·Must possess a valid, active state driver’s license.

**Work Environment:**

* Employee may be required to work indoor or outdoor work during seasonal heat and cold or other adverse weather conditions.
* Must be able to walk, stand, bend, kneel, crouch, and reach for extended periods of time
* Must be able to climb ladders and stairs
* Must be able to lift and carry approximately 50 pounds unassisted
* There will be some weekend, holiday and overtime work as needed, including on-call assignments