

Water Operator  
Clarkesville, GA  
ESG Operations, an Inframark Company  
[www.inframark.com/careers](http://www.inframark.com/careers)

ESG Operations, an Inframark Company, is hiring a licensed Water Operator to join our team in Clarkesville, GA. We offer a competitive salary, benefits package, and opportunities for career growth and development. Join our team today and help us shape the environmental infrastructure for municipal, private, and federal clients. This position is responsible for the operation and maintenance of a surface water treatment facility during an assigned shift. Duties include operating plant machines and equipment, injecting chemicals to purify water, conducting laboratory tests of water, and maintaining facilities and grounds.

### **Schedule**

Rotating 12-hour day shift with weekends, holidays, and on-call work as required

### **Duties and responsibilities**

Operate water pumping mechanisms to regulate flow and pressure of water during assigned shifts to include:

- Operate pumps, valves, turbines and electric motors to transfer, distribute and regulate pressure and flow of raw and processed water
- Monitor panel boards and adjusts controls to regulate flow and distribution of water
- Clean systems by backwashing at designated intervals
- Record reservoir water elevation, power consumption and equipment utilization data at designated intervals

Conduct water treatment activities to include:

- Add appropriate amounts of chemicals to raw water to disinfect, deodorize, and clarify water at regular intervals. Correct imbalances as needed.
- Regulate flow of pre-treated water through sedimentation and filter devices
- Record chemical composition of raw and treated water at designated intervals
- Draw samples and conduct laboratory analysis of raw and treated water to determine and correct imbalances, tests include pH, chlorine residual, fluoride residual, turbidity, and alkalinity
- Calibrate all meters that they will be required to utilize throughout the shift
- Document readings, test results, equipment adjustments and enter data into a computer database and on paper for record maintenance and to produce periodic and special reports
- Monitor and observe treatment process for offensive matter; inspect equipment and monitors operating conditions, meters, and gauges to determine load requirements and detect problems
- Transfer various chemicals from one container to the other. Make chemical feed adjustments as necessary. Transport, handle and mix chemicals manually as required.

Housekeeping duties to include:

- Cutting grass, cleaning tanks, sweeping & mopping floors, cleaning equipment and various other duties to maintain the aesthetic appearance of the facility
- Maintain, clean and stock materials on trucks and equipment.
- Work harmoniously with ESG employees and the public and comply with all ESG policies.

### **Qualifications**

Requires a high school diploma or GED. Prefer the equivalent of one year of college or specialized vocational training in chemistry or a closely related field. Must have at least a Class III Water Treatment Plant Operator License, with at least one year of experience in water system construction, operation, distribution, maintenance, or equipment operations preferred. Must have a valid state driver's license and meet minimum driving standards.

### **Knowledge of:**

- Techniques, principles and practices of professional water plant and well site operations
- Techniques, principles and practice of laboratory analysis
- Water treatment flow schemes
- Safety practices, procedures and equipment used
- Mechanical unit processes; vertical turbine pumps, chemical metering pumps, and centrifugal pumps
- Use and documentation of QA/QC

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- Treatment processes: flocculation, sedimentation, filtration and disinfection

**Skill in:**

- The operation of a variety of hand or power tools, water plant equipment and laboratory testing equipment

**Ability to:**

- Understand and follow oral and written instructions
- Collect and interpret daily readings
- Prepare routine records and logs
- Perform mathematical computations
- Work emergency duty during non-scheduled work hours
- Distinguish between different shades of color

**Working conditions**

While performing the duties of this job, the employee may be exposed to extreme heat and/or cold, wet or humid conditions, bright and/or dim light, dust or pollen, intense noise levels, vibration, fumes or noxious odors. All required safety standards shall be adhered to mitigate risk from moving mechanical parts, electrical shock, heights, blood-borne pathogens, traffic, animals and wildlife, toxic or caustic chemicals, and other identified hazards.

**Physical requirements**

This position requires frequent standing, kneeling, bending and climbing. The employee must be able to use hands to operate and manipulate tools and equipment. This position requires very heavy physical exertion including the ability to lift over 50 pounds and exert over 100 pounds of force on a regular basis. The employee must be willing to work non-standard and overtime hours as required. The position requires normal visual acuity and field of vision, hearing, and depth perception.

**Our Company**

ESG Operations, an Inframark Company, provides full service operation, maintenance, management and consulting services to governmental and private sector entities. ESG is dedicated to providing innovative, state-of-the-art, environmentally-sound solutions for our clients' unique needs. We provide every employee with cutting-edge tools, training and technology which has resulted in ESG's recognition as a leader in the utility operations and public works management industry. Learn more about us at [www.esginc.net](http://www.esginc.net) and [www.inframark.com](http://www.inframark.com).

**About Inframark**

Inframark, LLC ([www.inframark.com](http://www.inframark.com)) is a leading provider of public and private infrastructure services across the U.S., leveraging the use of automation and intelligent data solutions in water and wastewater operations and maintenance, management of community infrastructure, and data systems integration. With more than 40 years of experience managing water-related infrastructure, the company employs 2,900 people serving more than 400 clients in 21 states. Inframark manages facilities that can treat a billion gallons of drinking water and wastewater daily.

An Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity, national origin, or protected veteran status and will not be discriminated against on the basis of disability.