

# AUGUSTA WATER

## Job Description

<b>JOB TITLE:</b>	Licensed Wastewater Operator	<b>DATE:</b>	March 2024
<b>DEPARTMENT:</b>	Treatment Operations/Wastewater	<b>FLSA:</b>	Non-Exempt
<b>REPORTS TO:</b>	Plant Supervisor	<b>CATEGORY:</b>	Essential

### SUMMARY OF RESPONSIBILITIES:

Perform routine tasks, necessary tests, and apply sound judgment based upon training and defined operations and maintenance practices related to the processing of wastewater at treatment facilities and/or pump stations; does related work as required. Work is performed under the general supervision of the Plant Supervisor and/or Senior Operator of the Wastewater Department.

### ESSENTIAL JOB FUNCTIONS:

1. Operate domestic wastewater treatment systems including chemical, physical, and microbiological processes.
2. May be assigned to operate any wastewater facility at Augusta Water.
3. Conduct regular walking inspections of facility; observing process control parameters via SCADA, various instrumentation screens, and results of laboratory analyses; and anticipate and plan for flow changes and treatment system adjustments.
4. Respond to all alarms, failures, and process needs occurring at any facility.
5. Read meters and gauges, enter data in operational logs and computer spreadsheets, and complete other permanent and temporary records and reports.
6. Maintain and calibrate instrumentation and other plant equipment. Perform calibration on PH and dissolved oxygen meters in accordance with DEQ standards.
7. Observe operations of chemical feed systems, and replenish as needed, monitor and measure feed rates on a regular and timely basis, adjust feed rates to meet treatment needs and operating permit goals and requirements.
8. Collect samples and performs analyses on wastewater and sludge samples as scheduled and as needed. Collect and submit to central laboratory all required samples, interpret tests results and make corresponding treatment process

- changes where necessary and communicate to supervisor aforementioned process changes. Conduct special tests as required by supervisor.
9. Fill out required daily operational reports.
  10. Order, deliver and track chemicals and equipment parts and supplies.
  11. Check pump stations, operate dewatering equipment and clean bar screens.
  12. Operate industrial equipment to haul screenings, biosolids, chemicals and other materials.
  13. Understand plant valving and piping systems and make changes to flow patterns as needed and communicate to supervisor aforementioned process changes.
  14. Perform preventive and minor maintenance on equipment and assist maintenance personnel as needed.
  15. Respond to and diagnose maintenance problems with appropriate action. Communicate directly with maintenance personnel in the absence of the Plant Supervisor.
  16. Perform general maintenance and upkeep of buildings and grounds; may include mowing and snow removal.
  17. Clean assigned vehicles.
  18. Participate in operational discussions to further knowledge and understanding of the plants and process. Communicate with supervision and licensed operators on observations of the plants, processes, sample test results, and other observations.
  19. Perform required safety checks as needed.
  20. Assist with training new hires/trainees.
  21. Perform duties and tasks in an environmentally friendly manner.
  22. Perform duties in accordance with all local, state and federal laws, rules and guidelines.
  23. Maintain effective working relationship with co-workers.
  24. Remain aware of and adhere to personnel and safety policies and practices.
  25. Perform other duties as assigned.

### **QUALIFICATIONS / BASIC JOB REQUIREMENTS:**

Any combination of education and experience equivalent to graduation from high school or vocational school. Must possess a valid Virginia Driver's License. Must possess a valid Class B Virginia Commercial Driver License with air brakes and the N endorsements or be able to acquire the same within 6 months of hire. A Virginia Wastewater Works Operator's license is required (Class 4, 3, 2, or 1). Must be available to work days, nights, weekends, holidays, on-call, and any combination.

## **KNOWLEDGE AND SKILLS:**

1. Read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals. Write routine reports and correspondence legibly. Speak effectively to members of the organization and conduct yourself in a professional manner.
2. Ability to add, subtract, multiply, and divide in all units of measure, using whole numbers, common fractions, and decimals. Ability to compute rate, ratio, and to draw and interpret line graphs. Ability to calculate percentages, area, circumference, and volume. Ability to apply concepts of basic algebra and geometry.
3. Ability to solve practical problems and troubleshoot systems. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.
4. Ability to operate small office equipment and computers for data entry. Experience with Microsoft Office is preferred.
5. Ability to operate and repair small/light equipment, such as power tools; medium equipment and machinery, such as vehicles or commercial mowers; heavy or complex machinery, such as centrifuge and dump trucks.

## **WORKING CONDITIONS:**

1. Frequent standing, walking, reaching, climbing, and driving.
2. Occasional stooping, kneeling, crouching, crawling, balancing, reaching, and sitting.
3. Must be able to frequently lift and/or move up to 55 pounds without assistance.
4. Specific vision abilities required by this job include close vision, peripheral vision, and depth perception, with or without visual aids.
5. Must be willing to work a rotating shift including weekends and holidays.
6. Frequently exposed to moving mechanical parts.
7. Occasionally exposed to wet and/or humid conditions; high, precarious places; fumes or airborne particles; toxic or caustic chemicals; and outside weather conditions.
8. Occasionally exposed to moderate noise level and bright or flashing lights.

## **EMPLOYMENT CONDITIONS:**

1. Pre-employment drug test
2. Pre-employment driving record review
3. Pre-employment criminal background check
4. Annual driving record review

5. Subject to a random drug and/or alcohol test

**SAFETY REGULATIONS AND HAZARDS:**

1. Must observe all safety rules and regulations for confined space, lock out tag out, fall protection, driving equipment, hazard communication, slips, trips, and falls, and any other safety hazard related to your position.
2. Must wear protective equipment as required (e.g., uniforms, eye protection, hearing protection, hard hat, gloves, safety shoes, seat belts, etc.).
3. May not operate any equipment or enter any confined space without prior training.
4. Must complete all safety trainings.
5. May be required to obtain and retain a Fork Lift Certification.

THIS JOB DESCRIPTION DOES NOT LIST ALL THE RESPONSIBILITIES, DUTIES, SKILLS, REQUIREMENTS, EFFORTS, OR WORKING CONDITIONS ASSOCIATED WITH THE JOB. EMPLOYEES WILL BE EVALUATED IN PART BASED UPON PERFORMANCE OF THE TASKS LISTED IN THIS JOB DESCRIPTION.

MANAGEMENT RESERVES THE RIGHT TO REVISE THIS JOB DESCRIPTION AT ANY TIME. THIS JOB DESCRIPTION IS NOT A CONTRACT FOR EMPLOYMENT, AND EITHER PARTY MAY TERMINATE EMPLOYMENT AT ANY TIME, FOR ANY REASON.

**APPROVALS:**

EMPLOYEE or APPLICANT: \_\_\_\_\_ DATE: \_\_\_\_\_

SUPERVISOR: \_\_\_\_\_ DATE: \_\_\_\_\_