

Reverse Osmosis Water Treatment Plant ORC

Job Summary

Brunswick Regional Water & Sewer H2GO is a multi-award-winning sanitary district located in northeast Brunswick County, NC. H2GO operates/maintains water and sewer infrastructure that serves a rapidly growing residential and commercial customer base. H2GO seeks a qualified applicant to serve as the Operator in Responsible Charge (ORC) for a new, state-of-the-art 4.0 MGD Reverse Osmosis Water Treatment Plant, sourced from deep-well aquifers. H2GO provides excellent benefits including membership in the NC Local Government Employees Retirement System, Employer 401K Plan Contribution, paid health, dental, vision, health savings account (HSA), life insurance, and more. H2GO is an equal opportunity employer.

Duties and Responsibilities

- Work under the direction of H2GO's Facilities Manager and work with a team of 4 operators
- Perform a variety of operational, maintenance and laboratory duties to produce safe and sustainable public water supplies
- Ensure compliance with all State and Federal drinking water standards and concentrate discharge permit regulations
- Operate the RO water treatment plant and remote well sites; observe operations of water pumps, electric motors, and chemical feed machines; calibrate equipment
- Operate computerized and/or manual pumps, motors, and other equipment to adjust supply volumes, change treatment processes, and/or make other necessary process adjustments
- Collect samples and perform standard analyses and tests; keep precise daily, monthly, and annual records and interpret results to ensure compliance with state and federal regulations and all operating permits
- Troubleshoot and perform standard repairs and maintenance of plant equipment; may assist with more difficult or complex equipment repair or replacement
- Schedule and coordinate routine maintenance and 3rd party service contracts
- Read various charts, graphs, gauges, computer screens and meters; normalize RO data; compute from readings and record water volume pumped; adjust chemical feed based on analysis of water quality produced; monitor elevated and ground storage tank levels, and system demands

- Receive and unload chemical deliveries to the plant; assure proper storage; fill, clean and replace tanks of chemicals and other tanks
- Employ a working knowledge of treatment chemicals and their best practices and safe handling procedures and protocols, consistent with SDS
- Prepare and file emails, reports, and letters
- Inspect remote wells and perform preventive maintenance and repairs to well pump equipment and controls
- Perform other duties as required, including shared operation of H2GO's extended aeration wastewater treatment plant

Recruitment and Selection Guidelines

- North Carolina Grade A-Well Certified Operator or ability to obtain and maintain if an out-of-state certification is equivalent to those required by the rules of the NC Water Treatment Facility Operators Board of Certification
- Working knowledge of VTScada and Microsoft Suite applications
- Knowledge of NC State laws regulating water purification, wastewater treatment, and the standard procedures necessary to meet operating permits
- Knowledge of the operation and maintenance requirements of equipment instruments and control devices used in water treatment, and to a lesser extent wastewater treatment
- Knowledge of the standard tests and equipment used in required laboratory analysis of water, and to a lesser extent wastewater
- Working knowledge of the use of computers
- Ability to collect, analyze, and normalize RO data
- Ability to operate a manual or a computerized plant; ability to solve routine technical or operational problems
- Ability to perform and conduct standard laboratory tests
- Ability to understand and interpret detailed and procedural oral and written instructions
- Ability to accurately prepare detailed records and reports
- Ability to establish and maintain effective working relationships with co-workers and superiors; exceptional interpersonal skills are a must
- Ability to work safely individually
- Ability to take On-Call shifts when needed and be available for emergency operations; ability to work rotating shifts.
- Must be willing and have a desire to share responsibilities to operate the Reverse Osmosis Water Treatment Plant and H2GO's existing extended aeration wastewater treatment plant

Physical Requirements

- Must be able to perform the basic physical life functions of climbing, balancing, stooping, kneeling, reaching, walking, pushing, pulling, lifting, fingering, grasping, feeling, talking, and hearing
- Must be able to perform medium work exerting up to 50 pounds of force
- Must possess visual acuity necessary to read charts, gauges, and dials, to inspect small moving parts, and to complete and read a variety of records and reports

Desirable Education and Experience

- 3-5 year progressive operating experience with membrane water treatment facilities and groundwater wells
- Graduation from high school supplemented by chemistry, biology, or mechanical maintenance course work, or an equivalent combination of education and experience
- Ability to obtain and maintain distribution, collections, cross-connection, and biological wastewater treatment certifications
- Possession of valid North Carolina driver's license

Reply

- To be considered, please send cover letter, resume, references, and salary requirements to:

Bob Walker, Executive Director
Brunswick Regional Water & Sewer H2GO
P.O. Box 2230
Leland, NC 28451