

Salary Range

\$33,000 - \$52,000 Annually

JOB DESCRIPTION

JOB TITLE: WATER TREATMENT PLANT OPERATOR

DEPARTMENT: PUBLIC WORKS

JOB SUMMARY: The Water Treatment Plant Operator will oversee and operate the equipment, machines, and gauges necessary to treat water safely and efficiently.

SUPERVISORY RELATIONSHIPS: Reports to Water Plant Supervisor.

ESSENTIAL JOB FUNCTIONS:

- Sends water or wastewater through the treatment processes using pumps, valves, and other processing equipment.
- Ensures that water supplied to residents meets all applicable federal, state, and municipal regulatory requirements, standards, and policies.
- Collects, tests, and analyzes water samples entering and leaving the treatment plant; notifies management of unexpected and/or abnormal findings; modifies treatment levels according to variances detected.
- Observes and interprets data from meters and gauges or individual machines or stages throughout the treatment process; modifies controls as needed.
- Maintains the treatment plant's system by monitoring filters and chemical treatments, inspecting equipment, making necessary repairs, and servicing machines; contacts appropriate maintenance staff when major repairs or service are needed.
- Discards waste materials according to approved procedures and government controls.
- Implements and adheres to standard emergency procedures in the event of an overflow or spill of chemicals or unpurified water; notifies proper authorities and responders.
- Maintains current knowledge of applicable laws, regulations, and policies concerning the treatment of wastewater.
- Complies with all applicable safety guidelines and standards.
- Performs other related duties as assigned.

REQUIRED SKILLS/ABILITIES:

- Good verbal communication skills.
- Ability to work under pressure.
- Good understanding of water and sewer water systems.
- Ability to inspect systems correctly and thoroughly.
- Ability to correctly test water and to make minor repairs to equipment, machines, and gauges.
- Basic understanding of all applicable laws, regulatory requirements, and standards.
- Proficient with Microsoft Office or similar software as needed to complete documentation and records of plant operations and data.

EDUCATION/EXPERIENCE:

- High school diploma and Associate or vocational degree in related studies required. (College credits will be considered in place of this requirement.)
- At least five years of mechanical experience with at least one year of chemical treatment of water preferred.
- Appropriate operating license preferred.

PHYSICAL REQUIREMENTS:

- Prolonged periods operating treatment machinery and equipment.
- Must be able to lift up to twenty-five pounds at times.
- Must be able to bend, lift, stretch, stoop, push, pull, stand, walk stairs, and carry as needed to inspect, service, and operate machinery, equipment, and gauges.
- Must work rotating shift schedule; may need to work overtime in emergencies.