



Canyon Regional Water Authority Job Description

Position Title: Ground Water Treatment Plant Operator I

Position Location: Wells Ranch Ground Water Treatment Plant

Address: 383 High Point Ridge Seguin, Texas 78155

JOB SUMMARY

The Ground Water Treatment Plant Operator I performs routine operational, monitoring, maintenance, and laboratory duties associated with the treatment and distribution of potable water. Assists certified operators in ensuring compliance with state and federal drinking water regulations and maintaining reliable operation of treatment facilities.

ESSENTIAL FUNCTIONS

- Records operational data including flows, pressures, tank levels, chemical feed rates, and water quality results.
- Collects water samples and performs basic laboratory analyses.
- Assists with preventive maintenance activities.
- Maintains accurate operational logs and reports.
- Assists with regulatory compliance monitoring and record keeping.
- Performs housekeeping duties within plant facilities and grounds.
- Responds to emergency situations, equipment failures, and water quality incidents as directed.
- Follows all safety procedures and wears required personal protective equipment (PPE).
- Performs other duties as assigned by the Ground Water Treatment Plant Manager or the Ground Water Treatment Plant Lead Operator.

KNOWLEDGE, SKILL, AND ABILITIES

- Knowledge of basic water treatment principles.
- Ability to understand and follow written and verbal instructions.
- Ability to maintain accurate records and reports.
- Ability to work independently after training.
- Ability to communicate effectively with coworkers and supervisors.
- Ability to recognize and report operational problems.

DECISION MAKING

- The Ground Water Treatment Plant Operator I works under the Ground Water Treatment Plant Manager or the Ground Water Treatment Plant Lead Operator.

MINIMUM REQUIREMENTS

- High School Diploma or GED.
- Obtain a Texas Class D Water Treatment License issued by the Texas Commission on Environmental Quality within 1 year of assignment. Must maintain license renewals.
- Ability to work rotating shifts, weekends, holidays, and emergency callouts is required.
- Must be able to respond/participate in after hour assigned/emergency work within 45 minutes' notice and live within the area to be able to respond to this requirement.
- Basic computer skills and ability to learn SCADA and operational software.
- Ability to perform mathematical calculations related to water treatment operations.
- Valid Class "C" Texas Driver's License consistent with CRWA driving policies.

PREFERRED QUALIFICATIONS

- Texas Class C Ground Water Treatment Plant License issued by the Texas Commission on Environmental Quality.
- Experience in water utilities, construction, maintenance, mechanical systems, or laboratory work.
- Familiarity with pumps, motors, valves, and electrical equipment.

PHYSICAL DEMANDS AND WORKING CONDITIONS

- Physical requirements include lifting/carrying up to 50 pounds occasionally; pushing a minimum force of 50 pounds. Subject to standing, sitting, walking, climbing, bending, crawling, squatting, kneeling and working in cramped and strained positions for long periods of time to perform job scope.
- Working conditions can be outside with frequent exposure to inclement weather; water; mechanical, electrical, chemical and confined space hazards; offensive fumes; excessive noise; deep excavations; and animals, snakes and poisonous insects.
- Travel to different sites and locations in a CRWA company vehicle may be required.

CAREER PROGRESSION

- Ground Water Treatment Plant Operator I
- Ground Water Treatment Plant Operator II
- Ground Water Treatment Plant Lead Operator
- Ground Water Treatment Plant Manager