

TOHONO O'ODHAM UTILITY AUTHORITY

Position Description Water Quality Technician I

Department: Water/ Wastewater & Propane
Reports to: Water Quality Supervisor
FLSA Status: Exempt
Location: Sells, AZ
Shift: 8:00 AM – 4:30 PM
Salary Level: TC-3
Approved by: Mike Bethurem, General Manager
Approved Date: September 29, 2019

SUMMARY

Responsible for day-to-day water treatment, water storage, and overall compliance monitoring activities of the TOUA Public Water Systems. Maintains Water Systems in compliance with Federal Environmental Protection Agency (EPA) Sanitary Survey protocols.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following:

- Conducts sampling/testing of water to verify conformity to Federal Regulations.
- Follows standard operation procedures and quality assurance procedures to ensure correct, consistent and compliant water quality processes and testing are met.
- Communication and coordination with supervisors and management to assure water quality standards are met.
- Participates in EPA Sanitary Surveys of TOUA Water Systems, and maintains water systems in compliance with known survey protocols.
- Suggests and recommends corrective measures as necessary to resolve water quality issues.
- Adds chemicals or raw materials to water storage and distribution equipment to maintain water quality standards.
- Prepares chemical solutions according to standard formulas.
- Conducts effective maintenance of water chlorination and treatment systems.
- Monitors treatment systems operation, inventory and equipment needs.
- Monitor operational issues and report any malfunctions to supervisor.
- Assists in installation of Water Treatment Facilities.
- Assists Systems Technicians on Distribution System repairs and maintenance, including (but not limited to) meter repairs, trenching, and installing and repairing water lines and/or sewer lines.

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- Performs on-call duties as required, for after-hours and weekend emergencies.
- Other duties as assigned.

QUALIFICATIONS

- To perform this job successfully an individual must be able to perform each essential duty satisfactorily.
- The requirements listed below are representative of the knowledge, skill, and/ or ability required.
- Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.
- Required personal characteristics include: a team player, high integrity, good personal habits, regular work attendance, courteous and friendly, able to work well with diverse groups of people, and able to gain and maintain the respect of others.

EDUCATION and/ or EXPERIENCE

- High school diploma or general education degree (GED) required
- Associates Degree or equivalent from two-year college or technical school is preferred
- One year related experience and/ or training;
- Or equivalent combination of education and experience.

LANGUAGE SKILLS

- Ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals.
- Ability to write routine reports and correspondence.
- Ability to speak effectively before groups of customers or employees of organization.

MATHEMATICAL SKILLS

- Ability to calculate figures and amounts such as proportions, percentages, area, circumference, and volume.
- Ability to apply concepts of basic algebra and geometry.

REASONING ABILITY

- Ability to define problems, collect data, establish facts, and draw valid conclusions.
- Ability to interpret an extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variables.

CERTIFICATES, LICENSES, REGISTRATIONS

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- Arizona Commercial Driver's License is required, or must be obtained, within 1 year of employment.
- Grade I Water Treatment Operator Certification is required, or must be obtained, within 1 year of employment.
- Grade I Water Distribution Systems Operator Certification is required, or must be obtained, within 3 years of employment.

OTHER SKILLS AND ABILITIES

- Ability to operate specific equipment or tools.
- Ability to work with specific computer software.
- Familiarity with specific terminology related to water quality assurance.
- Must be accurate and detail oriented.
- Prefer ability to converse in the Tohono O'odham language.

PHYSICAL DEMANDS

- The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.
- Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.
- While performing the duties of this job, the employee is occasionally required to stand; walk; sit; use hands to handle, or feel objects, tools, or controls; reach with hands and arms; climb or balance.
- Climbing elevated water storage tanks up to 200 feet above ground level will be required on occasion.
- The employee must occasionally lift and/ or move up to 100 pounds.
- Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

WORK ENVIRONMENT

- The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job.
- Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.
- While performing the duties of this job, the employee is frequently exposed to moving mechanical parts; high, precarious places; fumes or airborne particles; toxic or caustic chemicals; extreme heat; risk of electrical shock; and vibration.
- The noise level in the outside plant work environment can be loud.