

WATER TREATMENT PLANT MANAGER

Southern Iowa Rural Water Association is a well-established water utility that provides safe, clean, affordable and reliable water service to rural customers and cities in Southwest Iowa. We are currently in the process of constructing a new, 6 MGD conventional surface water treatment plant. The timeline for completion is December of 2023. We are seeking a motivated individual with a strong work ethic who is up to the challenge of a new treatment plant start-up to fill one, full-time position as Water Treatment Plant Manager.

Desired Education and/or Experience

- Minimum of 7 years of progressing operation experience and responsibilities at conventional surface water treatment, with at least 1 year as operator in charge or 2 years in a role supervising other certified operators.
- High school diploma required. Post high school education and degree in related field strongly desired.
- Must have Iowa DNR Grade 4 Water Treatment license or a Grade 3 Water Treatment license with the ability to obtain an Iowa Grade 4 Water license within 6 months.
 - If from another state, must have successfully completed an examination generally equivalent to the Iowa examinations and must meet the education and experience qualifications established by the Iowa DNR in order to obtain certification by reciprocity.
- Strong knowledge of treatment facility instrumentation and controls are required.
- Working knowledge of water utility regulations.
- Ability to effectively manage staff.
- Highly motivated, effective communicator and well organized.

Duties and Responsibilities

- Develops and administers budget; forecasts funds needed for staffing, equipment, materials and supplies; directs and oversees purchase of materials and equipment, maintenance and repairs to the treatment facility and grounds, maintains accurate records; recommends necessary adjustments.
- Selects plant personnel; provides leadership and training to other plant operators; makes assignments to other staff members; ensures operations staff work professionally and cooperatively; evaluates employee performance; ensures proper safety conditions and procedures are followed; works with employees to correct deficiencies; implements discipline and termination procedures.
- Assures 7 day a week schedule for testing and treatment; is on call for emergency response at the plant.
- Routine on-call responsibilities are expected to be divided amongst operations staff; specific plant operations control functions can only be changed by the Water Treatment Plant Manager.
- Manage and operate all necessary water treatment equipment essential in treating, storing and pumping potable water to SIRWA's distribution system; observes operation of water pumps, electric motors and chemical feed systems; capable of retrieving data from SCADA to properly report water volume pumped and chemicals used for monthly operations reports to regulators, and using data to identify operational trends.
- Distribution system is managed and operated by others within SIRWA. Water Treatment Plant Manager will work closely with the distribution staff and SIRWA General Managers. Real-time distribution system data will be accessible within the treatment plant SCADA system.

- Reviews and evaluates water reports, records, logs and graphs to confirm adequacy of present and projected water needs; ensures that uniform monitoring and recordkeeping are performed facility-wide.
- Calibrates instruments at the plant; trains staff in executing lab work to include collecting lab samples, standard analyzes and tests and interpreting results; keeps precise records; prepares reports concerned with chemical and bacteriological analyses of water for regulatory agencies
- Understands and troubleshoots instrumentation such as online analyzers, chemical feed pumps various pump controllers, valves, scales, alarm dialers, pump drives, SCADA controls, lab equipment, water quality test equipment and other equipment associated with water treatment.
- Receives and unloads chemical deliveries to the plant; assures proper storage; fills, cleans and replaces tanks of chemicals and other tanks. Responsible for chemical spill response plan and execution.
- Operates pumps and heavy equipment as needed.
- Ensures overall compliance with all local, state and federal laws, regulations and requirements pertaining to the operation of the water treatment plant facility and water quality standards.
- Other related duties as required by the SIRWA Co-General Managers.

Qualifications

- Considerable knowledge of state laws regulating drinking water treatment and standard procedures necessary to meet permitted requirements.
- Considerable knowledge of the operation and maintenance requirements of equipment, instruments and control devices used in water treatment.
- Knowledge of computer systems and their applications for process control and records maintenance.
- Knowledge of the laboratory procedures and equipment utilized to determine conformance of raw and treated water and by-products to prescribed standards.
- Knowledge of the principles and practices used in the fields of chemistry, bacteriology, mathematics and related sciences.
- Ability to solve routine technical and operational problems.
- Ability to perform and conduct standard laboratory tests and Iowa DNR and EPA-approved analytical testing for drinking water treatment given the test methods, lab equipment and materials, and reagents.
- Ability to understand and interpret detailed and procedural oral and written instructions.
- Ability to prepare detailed records and reports accurately.
- Ability to establish and maintain effective working relationships with staff and co-workers.

Physical Requirements

- Occasional to frequent periods of strength involving moving, lifting tools, barrels and containers weighing up to 150 lbs.
- Able to perform duties while standing, stooping, twisting, bending, kneeling or from prone positions for extended periods of time.
- Exposure to temperature changes, humidity, noise and vibration; must work with hazardous chemicals in liquid, vapor or solid form.

Compensation and Benefits

- Pay will be commensurate with experience. SIRWA offers a comprehensive benefits package including medical, dental, life insurance, long term disability, paid time off, holiday pay and contributes to the Iowa Public Employees Retirement System.
- SIRWA offers competitive wages and benefits. We are an Equal Opportunity Employer and make decisions without regard to race, color, religion, sex, national origin, age, veteran status, disability, or any other protected class.

To Apply

Submit cover letter and resume to:

Southern Iowa Rural Water Association
Attn: Brenda Standley
P.O. Box 407
Creston, IA 50801

or email to bstandly@sirwa.org

Application Due Date: Open until filled