

DATE	July 2023
JOB CODE	
FLSA	NON-EXEMPT
EEO	

JOB TITLE: Senior Water Quality Technician
 DEPARTMENT/DIVISION: Public Works
 REPORTS TO: Water Quality/Production Supervisor

SUMMARY: Responsible for serving as a lead and participating in the daily operations of water quality to include performing backflow cross-connection inspections, addressing water quality complaints, performing code enforcement for water quality violations, overseeing and pulling water quality samples, completing documentation and completing goal settings and performance reviews for water quality staff. Work requires limited supervision.

ESSENTIAL JOB FUNCTIONS:

- Serves as a lead to water quality staff, which includes: prioritizing, assigning, and monitoring work; providing direction; and/or, performing other related activities.
- Coordinates the backflow cross connection program, which includes: attending pre-construction meetings; reviewing plans and ensuring compliance with applicable ordinances; performing property inspections; inspecting water connections on potable water systems, new construction, existing facilities, and/or other applicable structures; monitoring lead and copper levels in applicable systems; and/or, performing other related activities.
- Investigates, researches, and resolves complaints associated with water quality.
- Performs a variety of water quality inspections and enforces applicable ordinances. Issues notices of violations for water quality non-compliance issues.
- Prepares and maintains a variety of records, reports, notices, and/or other related documents.
- Supervises and participates in the collection of water samples to identify trihalomethanes, HAA5, lead, copper, well, bacteriological, chlorine, unregulated contaminants and nitrates to identify potentially hazardous levels in the drinking water supply. Implements corrective measures to resolve potential water quality problems.
- Provides technical expertise and guidance in the resolution of complex water quality issues and problems.
- Applies common supervisory practices pertaining to: coaching, counseling, recognition, training.
- Monitors the work of external contractors and ensures contract terms and specifications are met.
- Assists with special projects and facility tours.
- Responds to emergency and on call situations
- Performs other duties as assigned.

SUPERVISORY/BUDGET RESPONSIBILITIES:

- Lead responsibility over Water Quality Crew.
- Assist in preparation of divisional budget.

- Able to Step into the Supervisor role in the event of the Supervisor's absence.

KNOWLEDGE, SKILLS, AND ABILITIES:

- Knowledge of basic water treatment operations;
- Knowledge of basic occupational health and safety regulations;
- Knowledge of cross connection principles;
- Knowledge of backflow prevention principles and practices;
- Knowledge of program management principles and practices;
- Knowledge of SCADA system operations;
- Knowledge of personal hygiene best practices;
- Skilled in prioritizing and assigning work to staff;
- Skilled in collecting water samples;
- Skilled in preparing reports and maintaining records;
- Skilled in performing basic laboratory analyses or examinations;
- Skilled in applying independent judgment, personal discretion and resourcefulness in interpreting and applying guidelines;
- Skilled in providing customer service and de-escalation techniques;
- Skilled in gathering and analyzing information and making recommendations based on findings and in support of organizational goals;
- Skilled in operating a computer and related software applications;
- Skilled in communicating effectively with a variety of individuals.

MINIMUM QUALIFICATIONS:

- Water Class C Water Distribution, Groundwater or Surface Treatment Licenses or higher class.

AND

- High School Diploma or G.E.D.
- Four years of progressively responsible water system experience.

OR

- An equivalent combination of education, experience and training that provides the required knowledge, skills, and abilities.

PREFERENCES:

- TCEQ BPAT License
- TCEQ CSI License
- Code Enforcement License
- TCEQ Wastewater Class III

WORKING CONDITIONS:

- Frequent reaching, standing, stooping, kneeling, crouching, walking, talking, seeing, hearing, smelling, and manual dexterity.

- Occasional lifting and carrying up to 75 pounds.
- Work is typically performed in both standard office and outdoor environments, with potential exposure to adverse weather conditions.
- Work is performed in close quarters, high and precarious places, and near moving mechanical parts.
- Potential exposure to risk of electrical shock, vibration, fumes, airborne particles, and infectious diseases.

CONDITIONS OF EMPLOYMENT:

- Must possess a valid motor vehicle driver license.
- Must pass pre-employment drug test.
- Must pass criminal history check.
- Must pass motor vehicle records check.
- Must obtain TCEQ BPAT License within twelve months of employment.
- Must obtain TCEQ CSI License within twelve months of employment.
- Requires Code Enforcement License within twenty-four months of employment.
- Must obtain TCEQ Wastewater Class I Collection License within twelve months of employment.
- Must obtain TCEQ Wastewater Class II Collection License within thirty months of employment.
- Must obtain TCEQ Wastewater Class III Collection License within sixty-six months of employment.