



<b>DATE</b>	May 2007
<b>JOB CODE</b>	
<b>FLSA</b>	NON-EXEMPT
<b>EEO</b>	

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 dirty water complaints, performing code enforcement for water and sewer, overseeing and pulling water quality samples, completing documentation and completing performance reviews for Water Quality Technicians. Work requires limited supervision.

**ESSENTIAL JOB FUNCTIONS:**

- Serves as a lead to lower level water quality technician 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 commercial 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 and testing of water samples to identify trihalomethanes, haas, lead, copper, well, bacteriological, chlorine, and nitrates to identify potentially hazardous levels in the drinking water supply. Adds sample rods to pulled samples. Implements corrective measures to resolve potential water quality problems.
- Provides technical expertise and guidance in the resolution of complex water quality issues and problems.
- Monitors the work of external contractors and ensures contract terms and specifications are met.
- Performs other duties as assigned.

**SUPERVISORY/BUDGET RESPONSIBILITIES:**

- Lead responsibility over Water Quality Technicians.

## **KNOWLEDGE, SKILLS, AND ABILITIES:**

- Knowledge of basic water treatment plant 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;
- Skilled in prioritizing and assigning work to lower level staff;
- Skilled in collecting and testing 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;
- 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:**

- High School Diploma or G.E.D.
- Four years of progressively responsible water production experience.
- Work requires a valid Texas Driver's License.
- Water Class C License.
- Must obtain BPAT Certification within one year.
- Must obtain CSI Certification within one year.
- Requires Code Enforcement License within two years.

## **PREFERENCES:**

- None.

## **WORKING CONDITIONS:**

- Frequent reaching, standing, stooping, kneeling, crouching, walking, talking, seeing, hearing, smelling, and manual dexterity.
- Occasional lifting and carrying up to 100 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 pass pre-employment drug test.
- Must pass criminal history check.
- Must pass motor vehicle records check.