



DATE	September 2013
JOB CODE	WQLTTECH
FLSA	NON-EXEMPT
EEO	

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

SUMMARY: Responsible for the collection, testing, documentation, and the delivery of bacteriological, chlorine residual, trihalomethane and other analytical samples associated with the operation of a potable water supply. Performs fire hydrant flushing, backflow assembly testing; prepares notices of violation; and performs customer service inspections. Work requires limited supervision.

ESSENTIAL JOB FUNCTIONS:

- Performs inspections of business and residential homes to identify cross connection hazards.
- Inspects and enforces applicable ordinances. Issues notices of violations for water quality non-compliance issues.
- Participates in pre-construction meetings to inform new customers of expectations and to respond to applicable questions.
- Collects and tests water samples to identify trihalomethanes, haas, lead, copper, well, water quality parameters, 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.
- Investigates, researches, and resolves complaints associated with water quality.
- Performs hydrant and blow-off flushing to help alleviate distribution water quality problems. Adds defuser and dechlorination tablets to remove chlorine from flushed water. Accounts for water usage due to flushing.
- Participates in a variety of meetings related to water quality issues and provides technical expertise.
- Collaborates with applicable internal departments regarding water quality issues.
- Prepares and submits required documentation to applicable state agencies.
- Performs other duties as assigned.

SUPERVISORY/BUDGET RESPONSIBILITIES:

- None.

KNOWLEDGE, SKILLS, AND ABILITIES:

- Knowledge of basic water treatment plant operations;
- Knowledge of basic occupational health and safety regulations;

- Knowledge of cross connection principles;
- 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 and
 - Two years of water production experience.
- OR
- Associates Degree and
 - One year of water production experience
 - All applicants must possess a Class D Water License. A Class C License, BPAT and CSI License must be obtained within 12 months of employment.
 - Requires a valid Texas Driver's License.

PREFERENCES:

- None.

WORKING CONDITIONS:

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