

CLASS TITLE: LEAK DETECTION TECHNICIAN

PURPOSE OF THE CLASSIFICATION: Under general supervision performs skilled inspection and detection work in the Public Works Department leak detection program and other related assigned duties.

ESSENTIAL TASKS:

- Locates water lines with computerized line locator equipment
- Performs on-site inspections of water mainlines to survey, detect, locate and pin-point water main leaks through the use of a computerized leak detection correlator and related equipment
- Performs water sample testing and evaluates results
- Operates, maintains and repairs fire hydrants and water meters
- Trains and directs subordinate personnel assisting in the leak detection program
- Establishes and implements worksite safety procedures
- Prepares reports and other documentation
- Directs and interfaces with other water distribution personnel to coordinate activities affecting assigned work areas
- Must report to work on a regular and timely basis.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential tasks.

QUALIFICATIONS:

Training and Experience: Graduation from high school or possession of a General Educational Development Certificate (GED), supplemented by 12 hours college coursework in a combination of computer and construction technology or a related field; and three (3) years of related experience working in water distribution, or an equivalent combination of training and experience, per Personnel Policies and Procedures, Section 128.

Knowledge, Abilities, & Skills: Considerable knowledge of operating principles of computer-related equipment; good knowledge of the water distribution system; and good knowledge of the terminology, tools, methods and materials used in leak detection and other specialized distribution repair equipment. Ability to utilize computerized application programs; ability to read and interpret distribution maps and engineering atlases; and the ability to understand and influence the behavior of others within the organization, customers or the public in order to achieve job objectives and cause action or understanding.

Physical Requirements: Physical requirements include arm and hand steadiness and finger dexterity enough to use a computer or telephone; frequent lifting and carrying up to 10 pounds with occasional lifting and carrying up to 50 pounds; occasional pushing and pulling up to 60 pounds; may be subject to extended periods of walking and standing; reaching, balancing, bending, kneeling, handling, climbing and twisting; and vision, speech and hearing sufficient to perform the essential tasks.

Licenses and Certificates: Possession of a valid Class "B" Commercial Driver's License (CDL); and a valid Class "D" Water Operator's License from the Department of Environmental Quality (DEQ).

WORKING ENVIRONMENT: Working environment is primarily outdoors and in inclement weather and occasionally indoors.

Class Code: 3559

EEO Code: N-02

Pay Code: OT-18

Group: Engineering, Planning, and Technical
Series: Subprofessional Engineering and Technical

Effective Date: March 30, 2010