

CLASS TITLE: LEAK DETECTION TECHNICIAN APPRENTICE

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

ESSENTIAL TASKS:

- Assists in locating water lines with line locator
- Assists in performing on-site inspection 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
- Assists in isolating water system valves using engineering diagrams to locate non-surfacing leaks
- Assists in performing water sample testing
- Operates fire hydrants and water meters
- Assists in preparing and maintaining reports and other documentation
- Interfaces with other water distribution personnel 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 nine (9) hours college coursework in a combination of computer and construction technology or a related field; and two (2) years of related experience in a water distribution system, or an equivalent combination of training and experience, per Personnel Policies and Procedures, Section 128.

Knowledge, Abilities and Skills: Good knowledge of the operating principles of computerized systems; good knowledge of water distribution systems; and some 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; ability to work within a small area with limited access, including a meter can or valve vault; ability to use a two-way radio; ability to perform heavy manual labor in varying weather conditions; and the ability to courteously and tactfully communicate with fellow workers, supervisors, other members of the organization and the public in giving and receiving information.

Physical Requirements: Physical requirements include arm and hand steadiness and finger dexterity enough to use a computer or telephone; walking and standing for extended periods of time; frequent lifting and carrying 10 pounds with occasional lifting, carrying, pushing and pulling up to 60 pounds; may be subject to 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 incumbents will be required to obtain 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; may be subject to working overtime, holidays and occasional heavy manual labor; and may be exposed to extensive public contact, confined spaces, open trenches and traffic.

Class Code: 3558

EEO Code: N-02

Pay Code: OT-17

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

Page 2 (continued from Leak Detection Technician Apprentice)

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