

WATER QUALITY INSPECTOR

DEFINITION

Under general supervision, inspects and tests backflow protection units, inspects customer's premises for cross-connections requiring backflow protection and locates and marks underground facilities which are owned and operated by the Utilities Agency.

ESSENTIAL FUNCTIONS INCLUDE BUT ARE NOT LIMITED TO

Performs various customer service functions involving responses to complaints or requests for assistance regarding water pressure, water volume, water quality, taste, odor, color and leaks and other types of water related problems. Investigates and troubleshoots the situation and takes corrective action or makes appropriate recommendations to the customer. Locates and marks all underground facilities which are owned and operated by the Utilities Agency. Inspects and tests backflow protection units. Inspects customer's premises for cross-connections requiring backflow protection and makes recommendations regarding their need. Inspects fire services for possible misuse and tests detector check valves for proper operation. Investigates meter and other service complaints and informs customers of violations and explains regulations. Inspects and conducts pressure, leakage, sterilization and flushing test procedures at various water construction and maintenance projects under construction by contractors for the Utilities Agency. Performs other related functions as assigned.

DISTINGUISHING FEATURES OF THE CLASS

This is a journey level classification responsible for conducting field inspections of cross-connections and backflow protection units to maintain water quality. The classification reports to the Water Quality Supervisor.

MINIMUM BASIC QUALIFICATIONS

Two years experience in the inspection of water related projects or any other combination of experience and training which provides the following knowledge, skills and abilities.

Knowledge of: methods and procedures employed in water system construction and maintenance.

Ability to: operate a pipe locator, read and interpret construction plans and specifications, check backflow and cross-connection devices, water pressure volume and quality including taste, odor, and color, deal effectively with all customers, fellow employees and the general public.

SPECIAL REQUIREMENTS

Must possess a certificate in backflow prevention from the County of Orange, California.

Formal training coursework in water quality and cross-connection and backflow protection is desirable.

Class title change from Water Utility Inspector per Council Resolution No. 86-10,
effective 2-3-86

Class Specification Revised and Approved: 1/94