

INDUSTRIAL/COMMERCIAL WATER CONSERVATION REPRESENTATIVE**Class Definition**

Under supervision, assists industrial and commercial water users in the identification and use of water conservation measures.

Distinguishing Characteristics

An Industrial/Commercial Water Conservation Representative performs journey level duties in the field of water conservation in the Water Division, Department of Public Utilities. Reporting to the Water Conservation Supervisor, incumbents perform a variety of duties involving extensive public contact, such as, assisting industrial, commercial, governmental and institutional water users to implement various water conservation measures and provisions of the Fresno Municipal Code, and advising targeted customers in the use of water conservation measures. This class differs from Water Conservation Supervisor in that the latter is the first-line supervisory level. It differs from Water Conservation Representative in that incumbents of that class advise residential customers in the identification and use of water conservation measures and enforce water conservation regulations. Incumbents may be required to work holidays and weekends.

Typical Tasks

(This list is neither inclusive nor exclusive. Consequently, this information may not reflect Essential Functions for this class.)

Solicits industry participation, input and support in identifying conditions that contribute to efficient water use.

Schedules, prepares for, and makes presentations to manufacturers, processing groups and other businesses on water conservation practices and techniques.

Reviews and makes recommendations for the adoption of water conserving operations, methods and practices.

Performs industrial and commercial water audits and recommends/conducts studies to improve water use efficiency.

Reviews construction plans for commercial/industrial complexes to recommend areas where water efficiency may be increased.

Compiles statistics and prepares periodic reports as required.

Assists industrial and commercial water users by explaining the Water Conservation Program and methods of increasing water use efficiency.

Performs general clerical work, including operating office machines, radio pagers and 2-way radios.

Responds to inquiries from industrial and commercial water users; provides general assistance or directions as appropriate.

Performs related duties as required.

Knowledge, Abilities, and Skills

Considerable knowledge of water efficient devices and alternatives available for use in commercial and industrial processes.

Considerable knowledge of inspection methods of commercial and industrial facilities.

Knowledge of flow measurement and related equipment, including characteristics and types of flow measuring devices including weirs, flumes and meters.

Knowledge of cost benefit analysis in water supply and wastewater operations.

Knowledge of industrial and commercial water reuse, recycling, and reclamation systems, practices and methods.

Knowledge of water/wastewater regulations, policies and procedures.

Knowledge of Water Conservation Program goals, objectives, and functions.

Knowledge of the Environmental Protection Agency's Significant Industrial User (SIU) Program.

Ability to conduct water audits of commercial/industrial operations.

Ability to review and assess construction drawings, development plans and flow diagrams to identify water intensive uses and determine appropriate water use efficiency.

Ability to speak in front of an audience and conduct informational presentations to the public.

Ability to communicate effectively in oral and written form.

Ability to establish and maintain effective working relationships.

Minimum Qualifications

Graduation from an accredited college or university with a Bachelor's Degree in environmental science, engineering, or related field; and two years of experience performing commercial and/or industrial water conservation audits or plant management and engineering. Additional qualifying experience may be substituted for the required education on a year-for-year basis.

Special Requirement

Possession of a valid California Driver's License may be required at time of appointment.

APPROVED: (Signature on file)
Director of Personnel Services

DATE: 07/21/97