

CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

WATER SYSTEMS TECHNICIAN II

DEFINITION:

In a training capacity, and under the direction or supervision of a Water Systems Technician III, IV or V, in a field and/or plant setting, to perform a variety of increasingly responsible tasks associated with constructing, repairing, maintaining and installing various components of the water storage, transmission, filtration and distribution systems.

DISTINGUISHING CHARACTERISTICS:

This is the sub-journey level class in the Water Systems Technician series. These positions are distinguished from the next lower class, Water Systems Technician I, in that this position will have the skills and abilities to perform some of the more routine and least complex construction and maintenance duties without detailed direction or immediate supervision. These positions are distinguished from the next higher class, Water Systems Technician III, in that Water Systems Technicians II typically assist Water Systems Technicians III or IV in the more complex journey level tasks. Positions at this level may be underfilled with Laborer or Water Systems Technicians I in accordance with the City's Career Advancement Program.

*** EXAMPLES OF DUTIES:**

As part of a formal rotation and cross training program, performs a variety of the following duties:

- In a training capacity, in a field and/or plant setting, assist with and perform construction and maintenance duties on the water storage, transmission, filtration and distribution systems, including the following:
- Valve and hydrant repair and maintenance tasks;
- Pump repair and maintenance tasks;
- Storage tank and standpipe repair and maintenance;
- Commercial and industrial meter installation, repair and maintenance;
- Backflow prevention device testing, installation, repair and maintenance;
- Water main, transmission line and service pipe installation, repair and maintenance;
- Perform water service shut off and restoration duties for residential, commercial and industrial water customers;
- Install 3/4" and 1" meters at residential service connections;
- Collect samples of water to be tested by the lab after a new service installation;
- Assist with and perform semi-skilled construction for various water and reservoir related facilities such as boat ramps and docks, comfort stations, sidewalks, patron facilities, etc.;
- Operate pick-up, crew truck, dump truck, crew van or other vehicles requiring a Class C or B license;
- Assist skilled Cement Finishers with cement finishing;
- Perform hot patch and asphalt replacement and repair;
- Place barricades around work in progress to prevent accidents and pick up barricades after work has been completed;
- Assist in removing concrete, roadways and sidewalks by the use of various types of hand tools and other equipment, including pneumatic tools such as jackhammers etc, to install various water systems facilities;
- Perform related tasks.

MINIMUM QUALIFICATIONS:

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Announcement for updated minimum qualifications.

Six months of full-time experience as a City of San Diego Water Systems Technician I and/or completion of the critical tasks for Water Systems Technician I. **OR** One year of full-time experience constructing, repairing, and maintaining various components of water, or other similar types of pipeline (4" or larger), distribution, collection, storage, filtration, transmission or related systems. Experience must include maintenance and repair work on two or more of the following: valves, pumps, backflow prevention devices, meters, water or sewer mains, water storage systems, water service or sewer collection piping, reservoir or related facilities. A State of California Water Distribution Operator Certificate is required. A California Class B Driver's License is required.

* **EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.