

## **CLASS SPECIFICATION**

### **SAN DIEGO CITY CIVIL SERVICE COMMISSION**

#### **WATER SYSTEMS TECHNICIAN I - 1011**

##### **DEFINITION:**

Under immediate supervision, and continual instruction, in a field and/or plant setting, to learn and 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 entry-level class in the Water Systems Technician series. Positions at this level may be underfilled with Laborer 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, learns to recognize the components of and begins to assist in the performance of a variety of construction, repair, and maintenance duties on the water storage, transmission, filtration, and distribution systems, including the following:
- Valve and hydrant installation, repair, and maintenance;
- Pump installation, repair, and maintenance;
- Storage tank and standpipe repair and maintenance;
- Residential, 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;
- 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;
- Assist with 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 various routine, semi-skilled construction and maintenance tasks at a variety of water facilities;
- Perform related tasks.

\* **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.

**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 Description for updated minimum qualifications: <https://www.governmentjobs.com/careers/sandiego/classspecs>.

Six months full-time experience constructing, repairing, and maintaining various components of water or similar types of pipeline (2" or larger), distribution, collection, storage, treatment, transmission, or related systems. Qualifying experience must include maintenance and repair work on two or more of the following areas: valves, pumps, backflow prevention devices, meters, water or sewer treatment systems, reservoir, or related facilities. A valid Grade D2 or higher Water Distribution Operator certificate issued from the State of California. A valid California Class A or B Driver's License, AND a valid California Department of Motor Vehicles (DMV) medical certificate dated within the last two years are required at the time of application.