

## **WATER AND WASTE WATER TREATMENT OPERATOR I (WWWTO I)**

**SALARY RANGE: 17.03/hr-20.96/hr.**

### **General Description:**

Under direction of the Operations and Maintenance Manager and/or Chief Plant Operator, operates, repairs and maintains the District's water and waste water treatment facilities, including water treatment and distribution systems, waste water treatment facilities; reads and interprets charts and meter readings for analyzing the efficiency of plant operations; maintains chemical inventory; and performs other related work as required.

**Essential Functions:** - *Essential responsibilities and duties may include, but are not limited to the following:*

- Operates and maintains a variety of automatic and manually controlled equipment, motors, and pumps used in the treatment and disinfection of water and waste water.
- Regulates and controls the amount of chemicals used to maintain specified water and waste water treatment requirements.
- Takes samples, performs standardized quality control tests, and adjusts chemical feeders and other plant equipment according to results.
- Reads, interprets, and records data, such as residual content of chemicals, water turbidity, water pressure, biological activity, etc.
- Makes regular assessments of water flow, turbidity, pressure, chemical use, residuals, and other pertinent data to maintain proper plant operating conditions.
- Performs a variety of maintenance and repair work on plant facilities and equipment.
- Observes pumping equipment and troubleshoots and identifies possible problems and operating difficulties.
- Backwashes filters.
- Changes recording charts as required.
- Maintains logs, records, and data systems for required plant reports. Performs general maintenance on facilities and grounds.
- Inputs data into computer to develop database for generating plant operations reports.
- Operates a District vehicle, driving to pumping stations and other facilities for inspection and maintenance work.
- Practices and ensures adherence to District and OSHA plant safety procedures.

### **Qualification Requirements:**

*To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or*

*ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

Knowledge of:

- Methods, materials, procedures, and equipment used in the operation and maintenance of water and waste water treatment plants and facilities.
- Water and Waste Water treatment methods, principles, and practices.
- Federal, state, and county regulations pertaining to water and waste water treatment plant operations.
- Methods and precautions for handling and storing potentially hazardous chemicals.
- Standard water quality tests.
- Standard Water and Waste Water Laboratory testing procedures
- Plant measurement and recording equipment.
- Correct application and usage of the English language, including spelling, grammar and punctuation.
- Safe work methods and safety precautions as related to the job.

Ability to:

- Perform a variety of operations and maintenance assignments.
- Operate automatic plant control systems.
- Read plant measurements and recording equipment, interpret results to make adjustments to plant operations.
- Troubleshoot, diagnose, and correct a variety of operating problems.
- Use proper safety precautions in working with plant chemicals.
- Perform standard water and waste water quality tests.
- Maintain and update plant records and logs.
- Read and interpret plant piping and distribution diagrams.
- Understand and carry out oral and written directions.
- Establish and maintain cooperative and effective working relationships with those contacted in the course of the work.
- Read and write at the level required for successful job performance.
- Perform algebraic and geometrical calculations
- Perform metric conversions.

**Physical Demands:**

*The physical demands described herein are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

While performing the duties of this job, the employee is regularly required to speak and hear to effectively interface with other staff members and the public; walk, stand, kneel, crawl, climb, lift and move up to 75 pounds, pull, stoop, bend, squat, twist, turn and work in tight, confined space; use hands and fingers to write and to handle, grip, feel and operate tools, pumps, and equipment.

### **Work Environment:**

The work environment characteristics described below are representative of those an employee encounters while performing the essential functions of this position. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**Outside:** Drive a vehicle and perform tasks in a variety of weather conditions ranging from snow to 100°F; confined work space; heights, such as ladders.

**Inside:** Work performed in a temperature-controlled environment.

**Fumes/Gasses:** Exposure to various vapors and/or airborne particles from powder and liquid chemicals; gasoline fumes.

**Noise/Vibration:** Exposure to generators , Air Compressors, Air Blowers, Heavy Construction Equipment, Jack Hammers

### **Other Requirements:**

#### **Education/Certification:**

- High school diploma or general education degree (GED)
- Must possess a valid Grade I Water Treatment Plant Operator's Certificate issued by the California Department of Public Health. Must obtain a Waste Water Treatment Operator I Certificate issued by the California State Water Resource Control Board within 18 months of assignment
- Must possess a Grade I Distribution Certificate issued by the California Department of Public Health.
- Must possess a valid California Class C driver's license, have a satisfactory driving record, and be insurable by the District to operate District vehicles
  - Must Obtain CPR and First Aid Training Certification annually

- Must Obtain Trenching and shoring competent person training annually
- Must obtain Confined Space Entry training annually
- Must obtain and maintain Traffic Control certification training within 12 months of assignment

Experience:

One year experience in the operation of water and waste water treatment plants and related facilities

Advancement in Range:

Upon satisfactory completion of the 6 month probationary period successful candidates will be moved from WWTO I Salary Step A to WWTO I Salary Step B

Upon satisfactory completion of 12 months of on the job experience after entering WWTO I range B, achieving a satisfactory performance evaluation, and having obtained all required Certifications for Range I successful WWTO I will be eligible to advance to WWTO I Salary Step C.

WWTO I shall be eligible to advance to WWTO I Salary Step D after completion of 18 months of on the job experience after entering WWTO I range C, while maintaining all required certifications and satisfactory job performance evaluations.

WWTO I shall be eligible to advance to WWTO I Salary Step E after 24 months of on the job experience after entering WWTO I range D, while maintaining all required certifications and satisfactory job performance evaluations.

Work Hours:

7:00 a.m. to 3:30 p.m., five consecutive workdays assigned on a three month rotation. Subject to change as required to meet the needs of the District.

Must be willing to work overtime and/or alternate schedule when required

Must be willing to participate in the on-call standby rotation on a regular basis.