

CHIEF WATER RECLAMATION PLANT OPERATOR

(Grade III: \$4,051 - \$4,927 per month, plus generous benefits; Grade IV: \$4,562 - \$5,527 per month plus generous benefits)

DEFINITION: Under general supervision provides lead supervision and work direction for an assigned shift in the operation of the wastewater treatment plant and related facilities, including assigning duties, providing training and the review of work performance of assigned personnel.

EXAMPLES OF TYPICAL DUTIES: Oversees the operation, inspection and maintenance of plant equipment and facilities including any adjusting necessary to maintain an efficient operation, and to meet regulatory requirements for effluent discharge. The Chief Plant Operator acts as lead worker and directs, coordinates and monitors the work of the plant operators. Typical duties include: leads, directs and trains plant operators on an assigned shift in the safe and efficient performance of their duties; learns and implements hazardous material regulations, safety rules and regulations; conducts tailgate safety meetings for assigned shift; monitors plant to ensure NPDES requirements are being met; places on or takes off line engines, pumps, sedimentation basins, aerated grit tanks, chlorinators, de-chlorinators, and other related equipment; inspects and monitors processes, troubleshoots and makes adjustments to maintain operations, arranges more extensive servicing, maintenance and repair as needed; regulates pressures and flow rates, reads and accurately records information relating to plant performance; completes and maintains records of shift activities; maintains effective work procedures and effectively resolves on-the-job problems as they occur; responsible for maintenance of buildings and grounds; may perform duties of the plant operator; and performs other related duties as assigned. The Chief Plant Operator is responsible for preparation and submission of the Self-Monitoring Reports for the facility and may be listed as the LRO (Legal Responsible Official) for the City.

QUALIFICATIONS

Knowledge of:

- Basic mechanical, electrical and hydraulic principles.
- General principles and practices of wastewater treatment plant operations, including standard quality tests.
- Repair, maintenance and adjustment procedures for wastewater treatment plant equipment.
- State and Federal standards and requirements related to wastewater treatment plant operation and maintenance.
- Safety procedures pertaining to plant operations, including the techniques for handling and storing hazardous chemicals, and responding to and reporting chemical spills and other emergencies.
- Reporting utilizing the CWIQS e-SMR system
- Computerized Maintenance Management Systems (CMMS), Supervisory Control and Data Acquisition (SCADA) monitoring systems

Skill to:

- Develop and coordinate work programs.
- Accurately perform mathematical calculations.
- Read, interpret and record data accurately.
- Operate and adjust treatment system equipment.

Ability to:

- Train, assign, direct and review the work of others in a lead capacity.
- Conduct work and plant safety programs, including interpreting and explaining regulations.
- Establish and maintain effective working relationships with others.
- Recognize unusual or dangerous operating conditions and make sound judgments within established guidelines.
- Learn more complex principles, practices, techniques and regulations pertaining to plant operation.
- Perform complex and skilled operation and preventative maintenance functions related to wastewater treatment plant equipment.
- Read and interpret gauges and other recording devices reflecting wastewater treatment plant operations and make complex operational adjustments based on recorded data.

Physical ability to:

- Perform manual labor involving the frequent bending, pulling, pushing, lifting and carrying of weights up to 50 pounds.
- Perform duties assigned while wearing respiratory protection equipment.

Other Requirements:

- Willingness to work nights, weekends, holidays and overtime and participate in rotating on-call duty assignments.
- Must be able to wear respiratory protection equipment.

Education and Experience:

Any combination of education and experience which provides the required knowledge, skills and abilities may be qualifying. A typical way to obtain these qualifications would be:

- High school graduation or tested equivalent and four years of experience in the operation of a wastewater treatment plant plus the successful completion of one college-level course directly related to wastewater treatment.

Licenses and Certificates:

- Possession and continued maintenance of a valid California class C driver's license and a safe driving record.
- Possession and continued maintenance of a Grade III or higher Wastewater Plant Operator's Certificate from the California State Water Resources Control Board