

**CITY OF DINUBA  
JOB DESCRIPTION**

**WASTEWATER TREATMENT  
PLANT OPERATOR  
CLASSIFIED**

**DEFINITION:** Under supervision, to assist and participate in the operation and maintenance of a variety of equipment utilized in the treatment of sewage and drying of sludge; to assist and participate in the control of processes through adjustments to equipment and correction to chemical balance; and to perform related work as required.

**CLASS CHARACTERISTICS**

Positions in this class perform general and routine water reclamation work which requires a limited range of choice in the application of defined methods or procedures. Incumbents receive instructions when tasks are assigned and have some latitude in selecting work methods providing the methods adhere to standard water reclamation plant procedures. Incumbents are expected to refer readings which are inconsistent with standard readings to the Senior Wastewater Plant Operator for instructions.

**EXAMPLES OF DUTIES**

Makes routine inspections of plant and equipment according to established procedures; reads meters and gauges and records accurate operating information necessary to document processes and to evaluate operating characteristics; regulates and adjusts equipment including positive displacement and centrifugal pumps, blowers, valves, motors and sludge drying equipment to conform to process requirements; services, greases and lubricates pumps, compressors, and other equipment; tests, repairs and replaces parts to pumps, compressors, tanks, valves and digesters; checks equipment for vacuum, water, oil and hot bearings; administers proper quantities of chemicals as directed; identifies equipment malfunctions and advises senior operator; conducts minor chemical balance tests as directed; oils, lubricates and /or cleans motors, bar screens, filters and other equipment according to preventive maintenance schedules or as required; flushes pumps, washes down tanks, sedimentation basins, septic stations and similar facilities; performs general cleanup functions as needed; operates City vehicles as required; adheres to safety, cleanliness and fire prevention rules and standards; inspects industrial pretreatment plants and monitors equipment; records observations in log books and on computers; and performs related work as required.

**EMPLOYMENT GUIDELINES**

**Knowledge of:**

Basic principles, methods, procedures, equipment, tools and processes of a wastewater treatment plant;  
Federal, State and Local laws governing wastewater monitoring and control;  
Sewage treatment and sludge disposal;  
Basic principles, practices and methods of basic laboratory testing methods and procedures;  
General maintenance and repair work;  
Basic hydraulics, valves, pumps and hydraulic systems;  
Basic mathematics;  
Recordkeeping;  
Computer application and usage;  
Appropriate safety precautions and procedures.

**Ability to:**

Interpret results of simple chemical testing;

## **JOB DESCRIPTION**

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## **WASTEWATER TREATMENT PLANT OPERATOR**

### Ability to: (con't)

- Work in confined spaces;
- Operate large, cumbersome valves;
- Work in an environment of waste water;
- Read, understand and apply written materials;
- Maintain accurate records;
- Make arithmetic calculations with speed and accuracy;
- Operate a vehicle observing legal and defensive driving practices;
- Understand and carry out oral and written instructions;
- Establish and maintain effective relationships with those contacted in the course of work.

Education/Experience/Training: Any combination of education, experience and training which demonstrates an ability to perform the duties of the position. A typical entrance background is completion of twelfth grade or equivalent and completion of formal training in waste water reclamation or a closely related field; or working-level experience performing waste water reclamation work at the Grade I level of complexity; or experience at or equivalent to experience as a Wastewater Treatment Plant Operator Trainee in the City of Dinuba wherein the incumbent has acquired the knowledge and abilities listed above.

Licenses/Certificates: Possession of a valid and appropriate Class B California Commercial Driver's License within one year from date of hire. Possession of a Grade I Waste Water Treatment Plant Operator's Certificate issued by the State of California.

### **PHYSICAL DEMANDS/WORKING CONDITIONS**

The employee is regularly required to use hands to finger, handle, feel or operate objects, tools, or controls and reach with hands and arms; frequently stand, talk, or hear; occasionally walk, sit, climb or balance, stoop, kneel, crouch, crawl and smell; frequently lift and/or move up to 10 pounds and occasionally lift and/or move up to 50 pounds. Specific vision abilities include close vision, distance vision, color vision, depth perception, and the ability to adjust focus.

The employee may be on-call during hours and days other than those normally worked and must comply with the provisions of the Wastewater Standby/On-Call Policy; works in all conditions including wet, hot and cold; occasionally works near moving mechanical parts and wastewater, and exposed to wet and/or humid conditions and vibration; occasionally works in high, precarious places and exposed to fumes or airborne particles, toxic or caustic chemicals, and risk of electrical shock. The noise level in the work environment is usually loud in field settings. The nature of the work also requires the incumbent to climb ladders and work in confined space.

**The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to the position.**