

WASTEWATER TREATMENT FACILITY OPERATOR I, II

DEFINITION

Under general direction, performs semi-skilled and manual labor associated with the operations, maintenance, monitoring, sampling and testing of the City's wastewater treatment facility and reclamation area; and performs related duties as required.

DISTINGUISHING CHARACTERISTICS

Wastewater Operator I - The entry level class of this series in which employees perform a variety of semiskilled and skilled duties in the maintenance and operation of the City's wastewater treatment facility and reclamation area. Incumbents are generally hired at the Wastewater Operator I level and promoted to level II upon acquiring the required certification and demonstrating competency and regularly performing the full range of duties within the division.

Wastewater Treatment Facility Operator II - The journey or fully experienced level in which employees have acquired certification and have demonstrated competency and are regularly performing the full range of duties required for the operation and maintenance of the wastewater treatment facility and reclamation area with minimal supervision.

REPRESENTATIVE DUTIES

*The duties listed below are examples of the work typically performed by employees in this class. An employee may not be assigned all duties listed and may be assigned duties which are not listed below. Marginal duties are those which are **least** likely to be essential functions for any single position in this class.*

1. Inspects engines, electrical motors, pumps, and valves for proper operation.
2. Services equipment and performs major repairs to pumps, blowers, digesters and air compressors.
3. Collects daily samples of the various stages of the wastewater and sludge treatment systems.
4. Performs tests and makes visual inspection of the facility for purposes of process control.
5. Makes process adjustments based on flow conditions or biological conditions.
6. Sets and controls pumping rates for sludge based on laboratory analysis.
7. Maintains records relevant to daily facility operation and maintenance program.
8. Participates in rotational after-hours emergency call-out duties and performs other duties as assigned.

DESIRABLE QUALIFICATIONS

Education and/or Experience

Wastewater Treatment Facility Operator I - One year of experience in maintenance or related construction work or any combination of training and experience that provides the desired knowledge and abilities.

Wastewater Treatment Facility Operator II - Any combination of education and experience that provides the knowledge, skills, and abilities necessary for a Wastewater Operator II.

Knowledge of:

Both Classes – Basic concepts of equipment maintenance and repair; use of basic hand and power tools and equipment used in general construction and mechanical work; common maintenance safety knowledge.

Ability to:

Both Classes – Work in confined spaces; operate hand and power tools; establish and maintain cooperative working relationships; perform heavy manual labor; understand and follow verbal and written instructions; work safely and efficiently; keep and maintain accurate records; work evenings, weekends and holidays.

Wastewater Treatment Facility Operator I - Under direct supervision will perform duties required to operate a wastewater treatment facility; adjust and make repairs on equipment such as valves, pumps and motors; read and interpret recording devices; perform standard laboratory tests.

Wastewater Treatment Facility Operator II - Read and interpret recording devices; perform standard lab analysis; analyze and interpret lab results; adjust facility equipment; train others in laboratory and treatment facility operations.

Special Requirements

Both Classes- A high school diploma or equivalent is a requirement to obtain Wastewater Treatment Plant Operator Certification.

Wastewater Treatment Facility Operator I - Possession of a valid California Driver's License. Ability to obtain an OIT certificate issued by the California Water Resources Control Board within three (3) months of appointment. Ability to obtain a Wastewater Treatment Plant Operator Grade I issued by the California Water Resources Control Board within (18) month from date of appointment.

Wastewater Treatment Facility Operator II - Possession or ability to obtain a Wastewater Treatment Plant Operator Grade II issued by the California Water Resources Control Board within (18) month from date of appointment. Ability to obtain and maintain a valid class A or B California Driver's License within 18 months of appointment.

NOTE: Failure to obtain and maintain the valid certification grade and California Driver's License class required for the position shall be cause for termination from this class.

Physical Demands

Physical demands include frequent lifting of objects over 75 lbs., combined with bending, twisting, working above ground, below ground, on elevated surfaces and irregular surfaces.

WORKING CONDITIONS Continuous exposure to unpleasant element such as dust, fumes and odors, raw sewage, hazardous materials, high noise levels, and outside weather conditions; travel throughout the City is required; may require confined space entry.

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