

WASTEWATER TREATMENT FACILITY OPERATOR TRAINEE/I

DEFINITION

Under general supervision, performs a variety of equipment maintenance duties and participates in the operation of wastewater treatment facility; performs related duties as required.

DISTINGUISHING CHARACTERISTICS

The trainee level provides entry into the series and allows incumbent to learn and apply the knowledge of facility operation required for promotion. The Wastewater Treatment Facility Operator I is the second working level within facility operations capable of performing all routine operations.

REPRESENTATIVE DUTIES

The duties listed below are examples of the work typically performed by an employee in this class. An employee may not be assigned all duties listed. Marginal duties are those which are non-essential functions for this class.

1. Checks engines, electrical motors, pumps, and valves for proper operations; services equipment and engines; performs major repairs and overhauls pumps, blowers, digesters and air compressors.
2. Makes process adjustments based on flow conditions or biological conditions; sets and controls pumping rates for sludge; makes visual inspection of facility for purposes of process control.
3. Performs lab tests for process control; collects digest and sludge samples for testing by laboratory personnel.
4. Cleans and paints plant equipment.
5. Maintains records relevant to daily facility operation and maintenance program; schedules maintenance activity using maintenance database.
6. Provides temporary and vacation relief in similar occupational fields as necessary

EMPLOYMENT STANDARDS

Education and/or Experience

Wastewater Treatment Facility Operator Trainee- No experience required.

Wastewater Treatment Facility Operator I- One year of experience involving the operation of a wastewater treatment facility, including maintenance of pumps, valves and

electric motors or any combination of training and experience that provides the desired knowledge and abilities.

Knowledge of:

Wastewater Treatment Facility Operator Trainee- Operation and maintenance of electrical pumps, motors and valves; basic tools and equipment used in facility, equipment and grounds maintenance.

Wastewater Treatment Facility Operator I- Operation and maintenance of wastewater treatment facility equipment, facilities and processes; repair and maintenance of equipment such as pumps, valves and electrical motors tools and equipment used in maintenance and repair work; standard laboratory testing methods and procedures.

Ability to:

Wastewater Treatment Facility Operator Trainee- Learn and apply the requisite knowledge of the journey level; establish cooperative working relationships; follow written and verbal instructions; work safely and efficiently.

Wastewater Treatment Facility Operator I- Operate a wastewater treatment plant; adjust and make repairs on equipment such as valves, pumps and motors; read and interpret recording devices; perform standard laboratory tests; communicate efficiently; establish and maintain effective working relationships; work safely and efficiently; use related computer applications.

Special Requirements

Both Classes- Possession of or ability to obtain and maintain a valid California Drivers' License.

Wastewater Treatment Facility Operator Trainee- Possession of an appropriate Wastewater Treatment Facility Operator certificate issued by the California Water Resources Control Board (currently O.I.T within three months of appointment).

Wastewater Treatment Facility Operator I- Possession of an appropriate Wastewater Treatment Facility Operator certificate issued by the California Water Resources Control Board (currently Grade 1).

Physical Demands

Strenuous physical work; physical demands include frequent lifting of objects over 50 lbs., combined with bending, twisting, and working above ground 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; requires use of a self-contained breathing apparatus and entering confined spaces.