

## TREATMENT PLANT MECHANIC

## **DEFINITION**

To perform a variety of skilled tasks necessary to maintain the equipment and structures of the Water Pollution Control Facility.

#### SUPERVISION RECEIVED AND EXERCISED

General supervision is provided by the Water Pollution Control Facility Superintendent or designee. The Treatment Plant Mechanic is the journey level position.

## **EXAMPLES OF DUTIES**

The following are typical illustrations of duties encompassed by the job series, but are not an all inclusive or limiting list.

## **ESSENTIAL JOB FUNCTIONS**

Performs a variety of preventative maintenance on equipment and facilities to include lubricating, cleaning, and painting. Performs corrective maintenance on plant equipment and process systems such as parts replacement, equipment changes, cleaning of tanks and basins. Maintains equipment and structures on remote sites, including pumps, wet wells, and lift stations, which may require the use of self contained breathing apparatus. Maintains accurate maintenance and repair records. Prepares specifications and procures parts and equipment. Evaluates the cost effectiveness of repair versus replacement. Regular and consistent attendance.

#### OTHER JOB FUNCTIONS

Follow all safety precautions and regulations. Work weekends and holidays as assigned. Serve in a stand-by status after regular working hours and respond to emergency call-outs. Perform related duties as assigned.

#### **QUALIFICATIONS**

## Knowledge of:

Maintenance of pumps, motors, piping and control systems found in wastewater treatment plants and related facilities. Mechanical, electrical and hydraulic principles. Operation of water treatment plant equipment and facilities. Safe work practices.

# **Ability to:**

Operate and perform maintenance work on water and wastewater system equipment. Diagnose and repair mechanical problems. Work independently in the absence of specific instructions. Maintain accurate records. Communicate effectively and follow oral and written directions. Work effectively with co-workers and supervisors.

# **Minimum Education and Experience:**

## **Education**:

High School diploma or equivalent.

# **Experience:**

Two years experience in the maintenance of pumps, motors, piping and wastewater treatment plant operations.

# **Licenses and Certificates:**

Required upon hire, possession of a valid California Driver's license and a current Grade I Wastewater Treatment Plant Operators certificate, issued by the California State Water Resources Control Board. Possession of Grade I CWEA Mechanical Technologist certificate, prior to permanent appointment.

Council Action: June 17, 2008