



## **WATER POLLUTION CONTROL OPERATOR III**

### **DEFINITION**

To perform complex Wastewater Plant operations and maintenance assignments involving plant process and control, preventative maintenance to include equipment repairs, laboratory procedures.

### **SUPERVISION RECEIVED AND EXERCISED**

General supervision is provided by the Water Pollution Control Facility Superintendent or designee. The Water Pollution Control Operator III is the advanced journey level position in the Water Pollution Control Operator series. Acts as a shift supervisor, as defined by Title 23 of the California Code of Regulations, overseeing and directing the operation or a phase of operation of a waste water treatment plant during a specific work period. Provides work direction, leadership and training to subordinate personnel.

### **EXAMPLE OF DUTIES**

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

### **ESSENTIAL JOB FUNCTIONS**

Operate the Water Pollution Control Facility, to ensure compliance with State Regulations. Interpret alarms, meters, gauges, SCADA system and test results to determine process and control criteria. May perform required laboratory tests, analyses, and record the results. Perform maintenance and repair work on pumps, valves, Ultra Violet Disinfection equipment, filtration equipment, laboratory equipment and storm water pumping stations. Participate in ongoing preventative maintenance program and accurately maintain and compile records and reports. Operate a personal computer to retrieve data from the SCADA system and then makes adjustments to plant operations; and create spreadsheets and word processing documents. Train and provide work direction to subordinate personnel. Work weekends and holidays as assigned. Regular and consistent attendance.

### **OTHER JOB FUNCTIONS**

Participate in the department safety program and follow all safety precautions and regulations. Serve in a stand-by status after regular working hours and respond to emergency call-outs as assigned. Perform related duties as assigned.

## **QUALIFICATIONS**

### **Knowledge of:**

State and Federal water pollution control rules and regulations, governing the treatment and disposal of wastewater and related programs. Principles and practices necessary in the operation of a Water Pollution Control Facility and related programs and facilities. Wastewater Treatment Plant equipment maintenance procedures. Advanced wastewater treatment plant operations, to include tertiary treatment equipment. Hazardous chemicals associated with wastewater treatment. Chemical and bacteriological wastewater characteristics. Standard methods of sampling and analyzing wastewater. Hydraulics, measuring devices, pumps and other wastewater related equipment. Repair and calibration of equipment. Occupational hazards and necessary safety precautions. Computer operation and software as related to a wastewater treatment facility, to include Microsoft Word and Excel.

### **Ability to:**

Lead and train new and semi-skilled personnel and work independently while making appropriate decisions. Read and interpret blue prints and plans. Wear and use SCBA units as regulated by Cal/OSHA. Communicate clearly and concisely, both orally and in writing. Operate and implement changes to the plant SCADA computer system. Repair and calibrate instrumentation as related to operations. Establish and maintain effective work relationships with those contacted in the performance of required duties. Work independently making appropriate decisions in critical situations.

### **Minimum Education and Experience:**

#### **Education:**

High School diploma or equivalent, supplemented by training or coursework in the areas of chemistry, biology or related wastewater operations.

#### **Experience:**

Three years of experience in work involving the maintenance and operation of a water pollution control facility and/or related facilities and programs.

#### **License and Certificates:**

Required upon hire, possession of a valid California Driver's License and a current Grade III Wastewater Treatment Plant Operators certificate, issued by the California State Water Resources Control Board.

**Council Action: June 17, 2008**