



WATER POLLUTION CONTROL OPERATOR IN TRAINING/ I

DEFINITION

To assist in Wastewater Plant operations and maintenance 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-in-Training is the training/entry level position in the Water Pollution Control Operator series. Incumbents work under the direct supervision of more experienced facility personnel. It is distinguished from the Water Pollution Control Operator I position in that it performs the more routine operator tasks and progressively performs the more technically complex tasks in accordance with a formal training program. The Water Pollution Control Operator I may receive technical and functional supervision by higher level Operators. Positions in this class are flexibly staffed and normally filled by advancement from the classification of Water Pollution Control Operator-in-Training.

EXAMPLES OF DUTIES

The following are typical illustrations of duties encompassed by the job series, but are not an all inclusive or limiting listing: (Note: The Water Pollution Control Operator-in-Training assists in the following duties, but is not expected to perform them independently until properly trained).

ESSENTIAL JOB FUNCTIONS

Assist in the operation of 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. Perform routine maintenance and repair work on pumps, valves, Ultra Violet Disinfection equipment and filtration equipment. Monitor and adjust chlorine feeders, change chlorine and sulfur dioxide tanks. Participate in ongoing preventative maintenance program and accurately maintain and compile records and reports. Work weekends and holidays as assigned. Regular and consistent attendance required.

OTHER JOB FUNCTIONS

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

QUALIFICATIONS

Knowledge of:

Water Pollution Control Operator-in-Training:

Basic mechanical and electrical systems. Uses and purposes of general construction tools and equipment. Safe work practices.

Water Pollution Control Operator I:

(In addition to the foregoing:)

Functions and purposes of water pollution control systems. Operations and maintenance of wastewater treatment facility and machinery. Hazardous chemicals associated with the treatment of wastewater. Occupation hazards and necessary safety precautions.

Ability to:

Water Pollution Control Operator-in-Training:

Learn the principles and practices necessary in the operation of water pollution control facility. Learn routine repairs and adjustments to motors, pumps and other equipment. Understand and carry out both oral and written instructions. Learn to read meters and gauges correctly. Learn to collect samples and perform routine laboratory tests. Establish and maintain effective work relationships with those contacted in the performance of required duties.

Water Pollution Control Operator I:

Use tools necessary to make general repairs to motors, pumps and other equipment. Read and interpret meters and gauges. Collect samples and perform laboratory tests. Prepare simple written reports.

Minimum Education and Experience:

Education:

Water Pollution Control Operator-in-Training and Water Pollution Control Operator I:

High School diploma or equivalent. Prefer additional coursework in biology, chemistry or related field.

Experience:

Water Pollution Control Operator-in-Training:

One year of experience in handling of mechanical equipment and tools.

Water Pollution Control Operator I:

One year of experience in the operation and maintenance of wastewater treatment plant and/or related facilities or programs.

Licenses and Certificates:

Required upon hire, possession of a valid California Driver's license.

Water Pollution Control Operator-in-Training:

Must obtain an Operator-in-Training certificate, issued by the California State Water Resources Control Board within two months of appointment to this class. Possession of a Grade I Wastewater Treatment Plant Operators certificate, issued by the California State Water Resources Control Board is required within two years of employment.

Water Pollution Control Operator I:

Possession of a current Grade I Wastewater Treatment Plant Operators certificate, issued by the California State Water Resources Control Board.

Council Action: June 17, 2008