

PLANT OPERATOR II

DEFINITION

Under general supervision, the Plant Operator II during an assigned shift is responsible for operation of the wastewater treatment plant and for maintaining a variety of machinery and equipment.

EXAMPLES OF DUTIES

Monitors the operation of the wastewater treatment plant; operates treatment facility equipment such as settling tanks, pumps, activated sludge process, digesters, centrifuge, chlorinators and valves to control flow and processing of wastewater sludge and effluent; monitors gauges, dials, meters and control panels, and other recording instruments, interpreting results to determine processing requirements, and records data; oils, greases, and cleans equipment; services and maintains a variety of plant equipment; extracts samples and performs laboratory tests and analysis; inspects plant equipment and facilities to locate and report needed repairs; performs general plant maintenance work, such as sweeping, cleaning, sanding, and painting; performs general grounds maintenance work; maintains routine and daily records and shift logs; assists in the training of other plant operators, makes operating decisions in the absence of supervisory personnel; may have to work under adverse conditions.

MINIMUM QUALIFICATIONS

Knowledge of: The operation and routine maintenance of mechanical equipment, including pumps and electrical motors; control procedures for wastewater treatment processes; tools, equipment and methods used in the overhaul, repair, adjustment and modification of stationary power equipment, and of the pumping, piping, and electrical systems used in the water quality control plant; sewage treatment processes and the laboratory tests used to check the effectiveness of such processes.

Ability to: Operate equipment used in a water quality control plant, make standard laboratory tests of sewage, receiving waters and sludge and interpret such tests; read and interpret gauges and recording devices reflecting plant operations; adjust treatment processes as indicated by plant conditions; perform mechanical repairs, maintenance work, and modification to equipment used in a water quality control plant; use various

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mechanic's tools with skill and accuracy; adapt to day, swing or graveyard work shift; follow oral and written directions; perform heavy manual labor involving lifting, carrying, kneeling, crawling and climbing; work in adverse conditions which require exposure to noise, noxious smells, gases, contact with wastewater, and risk of bodily injury; interact positively and cooperate with co-workers, respond politely to customers, work as a team member, function under demanding time pressure, respond in a positive manner to supervision, and attend work and perform duties on a regular and consistent basis.

Experience: Two years experience in water quality control plant operations. Specialized training may be substituted for 6 months experience.

Physical requirements: Moderate, and sometimes strenuous exertion required, including sustained walking, standing, bending, climbing, and lifting.

Education: Graduation from high school or equivalent.

License: Possession of a State Water Resources Control Board Grade II Operator's Certificate and possession of a valid Class C California Driver's License (including acceptable driving record).

R: 02/07