

PLANT OPERATOR I

DEFINITION

Under general supervision, operates and maintains equipment and facilities of the water quality control system, and performs other related work as required.

EXAMPLES OF DUTIES

Monitors the operation of the wastewater treatment plant; operates treatment facility equipment such as settling tanks, pumps, activated sludge process, digester, centrifuge chlorinators to control flow and processing of wastewater sludge and effluent; monitors gauges, dials, meters and controls 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; may have to work under adverse conditions.

MINIMUM QUALIFICATIONS

Knowledge of: The operation and routine maintenance of mechanical equipment, including pumps and electric 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 a 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 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

DUTY STATEMENT
PLANT OPERATOR I (Page 2)

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: One year of experience in mechanical maintenance and/or water quality control plant operations.

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

Education: Graduation from high school or equivalent.

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

R: 02/07