

- Maintain shift log and record meter and gauge readings.
- Assist in the supervision and training of Operators I and II.
- Perform in a leadership role for the more complex projects or assignments.
- Control, monitor and operate wastewater processes and equipment utilizing a Supervisory Control and Data Acquisition System (SCADA).
- Assist in Supervisory Control and Data Acquisition System (SCADA) system development and upgrades.
- Serve as the acting Senior Wastewater Plant Operator as required.
- Perform the more complicated operational tasks and trouble-shoot process problems.
- Assist Maintenance in the isolation and removal from service of process equipment.

QUALIFICATIONS

Knowledge of:

- Principles and practices necessary in the operation and maintenance of an advanced wastewater treatment plant including the operation and theory of Activated Sludge, Anaerobic Digestion, Tertiary Filtration, Disinfection and Nutrient Removal.
- All regulatory permits basic regulatory agency notification requirements.
- Modern developments, current literature and sources of information regarding wastewater treatment.
- Occupational hazards and standard safety precautions necessary in the work including working in a confined space, use of self-contained breathing apparatus, equipment lockout/tag-out and personal protective equipment.
- Use and operation of microcomputers including applicable software programs.

Ability to:

- Operate a wastewater treatment plant.
- Operate a variety of computer software and hardware systems.
- Perform maintenance of wastewater facility machinery.
- Use tools necessary in making general repairs and adjustments to motors, pumps and other equipment.
- Read meters and gauges correctly to act quickly and competently.
- Communicate clearly and concisely in written and verbal form.
- Understand and carry out oral and written instructions and to prepare written reports.
- Collect samples and perform routine laboratory tests.
- Perform all plant operations without direct supervision and in a safe manner.
- Wear a self-contained breathing apparatus.
- Make logical decisions in a manner consistent with the information available at the time.
- Work overtime as required.

- Work rotating shifts as required.

Education and Experience:

Any combination of experience and education that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Education: Equivalent to the completion of the twelfth grade.

Experience: Four years of full-time experience performing functions of a wastewater treatment plant operator. A Bachelor's Degree (120 semester units) with a major related to wastewater treatment and which includes a minimum of 30 basic science courses may be substituted for two years of the required experience. An Associate's Degree or completion of 60 semester units at a college or university, either of which includes 15 semester units of basic science courses may be substituted for one year of the required experience.

MEDICAL CATEGORY: Group 2

NECESSARY SPECIAL REQUIREMENT

Possession of an appropriate, valid class "C" California Motor Vehicle Operator's License.

Possession of or ability to obtain, an appropriate, valid, class "B" California Motor Vehicle Operator's License within 12 months of appointment.

May require possession of or the ability to obtain an appropriate valid California Commercial Motor Vehicle Operator's License based upon operational need and the duties assigned.

Possession of a current valid Wastewater Treatment Plant Operator Certificate, Grade III or higher, issued by the State of California.

CAREER ADVANCEMENT OPPORTUNITIES

FROM: Wastewater Plant Operator III

TO: Senior Wastewater Plant Operator

TO: Wastewater Operations Supervisor