

CITY OF SCOTTS VALLEY CLASS SPECIFICATION

WASTEWATER PLANT OPERATOR II

JOB PURPOSE

Under general supervision, perform complex operation and maintenance tasks in a wastewater treatment plant; to monitor and adjust equipment, perform laboratory tests, maintain treatment plant and pumping station facilities and grounds; and to do related work as required. This is the senior level certificated class in the wastewater operations series.

EXAMPLES OF DUTIES

Essential Duties:

- Operates and adjusts controls on wastewater treatment plant equipment and (machinery such as valves, motors, pumps, chlorinators, filters, chemical feeders, and clarifiers;
- Assists in establishing a preventative maintenance program for the wastewater treatment plant, lift stations and distribution lines;
- Assists in training personnel in the proper operation and maintenance of the plant;
- Operates plant sludge dewatering equipment;
- Regulates pressures and flows of wastewater;
- Reads gauges, dials and other instruments and records data;
- Oils, greases, and cleans equipment;
- Cleans, adjusts, and repacks valves and pumps;
- Collects samples and performs laboratory tests;
- Inspects and makes mechanical repairs to plant and pumping station equipment;
- Keeps records of plant operations and laboratory tests;
- Performs plant maintenance work such as sweeping, cleaning, sanding, and painting;
- Performs ground maintenance work such as mowing and watering lawns and caring for plants and shrubbery;
- Operates sewer jet truck and ten-wheel dump truck.

Marginal Duties:

- Performs related work as required.

EMPLOYMENT STANDARDS

Education, Experience and Licenses: Any combination equivalent to completion of high school and the qualifying course for certification; considerable experience as a wastewater operator; possession of an operator's Grade II certificate issued by the State Water Resources Control Board and a valid California motor vehicle operator's Class B license. This position may require the use of respiratory protection. The wearing of beards or other facial hair which intrudes on the face piece-face seal may be prohibited.

Ability to: Understand and follow oral and written instructions; drive a 10-wheel, 3-axle dump truck; lift heavy articles; take wastewater and sludge samples and perform laboratory tests; operate, repair and maintain mechanical, electrical and gardening equipment; read and record gauges and other instruments; keep accurate records and prepare simple reports; maintain effective working relationships with other employees; communicate in a courteous manner with the public; work with a minimum of supervision; and be available for 24-hour on-call duty when assigned; and train other operators.

Knowledge of: Practices concerning the operation of pumps, motors, gauges, and related mechanical equipment; principles and methods of bacteriological and chemical wastewater analysis; design applications, operation control and calculations involved in extended aeration activated sludge process; common construction and maintenance of hand tools, equipment and materials; basic mechanical and mathematical principles; proper procedures for working safely; buildings and grounds maintenance practices.

CITY COUNCIL APPROVAL DATE: September 21, 1988