

CITY OF SCOTTS VALLEY CLASS SPECIFICATION

WASTEWATER PLANT SUPERINTENDENT

JOB PURPOSE

Under general direction, to plan, organize and supervise the operation and maintenance of the City's wastewater treatment plant, its laboratory and related facilities to ensure efficient wastewater treatment in compliance with applicable regulations and standards; to review current literature and make recommendations to ensure compliance with pertinent environmental regulations.

EXAMPLES OF DUTIES

Essential Duties:

- Plans, schedules, assigns and supervises the work of personnel engaged in wastewater treatment and assists operators when necessary;
- Monitors the operation of wastewater treatment plant process, including mechanical equipment such as pumps, motors, and other equipment;
- Checks secondary treatment tanks, sewage pumps, and related equipment;
- Adjusts controls on wastewater treatment plant equipment and machinery such as valves, motors, pumps, chlorinators, filters, chemical feeders, and clarifiers to insure efficient operation of plant equipment.
- Establishes and leads a preventative maintenance program for the wastewater treatment plant, lift stations and distribution lines;
- Inspects work of subordinates to insure conformance with standards;
- Conducts performance evaluations and approves time cards and leave requests for employees supervised;
- Assists in selection and training of wastewater operations employees;
- Maintains quality control over all assigned activities by reviewing plant performance and operating data daily;
- Assists in the preparation of Prepares administrative and technical reports, including monthly and annual reports to the Regional Water Quality Board;
- Analyzes operations and suggests and/or implements improvements;
- Makes recommendations on the types and kinds of equipment needed for wastewater maintenance and repair;
- Recommends policy or procedural changes and provides input to long-range goals and plans for the division to the Director of Public Works;
- Approves plant alterations and changes in operating procedures;
- Directs and assists or coordinates consulting engineering on wastewater projects;
- Assists in the preparation of and monitors the division budget, maintaining control of expenses in accordance with appropriations;
- Interacts with vendors to obtain cost-effective supplies, materials and equipment;
- Monitors existing businesses and industries for source control and compliance with pre-treatment discharge regulations;

- Reviews industrial hook-up permits that are to be granted and approves or suggests changes to assure that the discharge would be in compliance with pre-treatment regulations;
- Remains up-to-date on laws and regulations affecting the wastewater operations by reviewing appropriate laws, codes, regulations and current literature;
- Establishes and maintains a computer data base on all divisional records;
- Makes necessary calculations to obtain and record accurate test results;
- 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; at least five years experience in wastewater operations and experience supervising others is desired; possession of an operator's Grade III certificate issued by the State Water Resources Control Board and a valid California motor vehicle operator's Class C license.

Ability to: Efficiently and effectively direct the operation of the wastewater division; supervise skilled, technical and professional workers; keep accurate records and write clear, concise reports; evaluate applicants for wastewater division positions; troubleshoot an upset in an activated sludge process and take corrective action; lead and conduct meetings to train and educate staff in plant processes; reason and learn new techniques and equipment such as computer hardware and software; understand and follow oral and written instructions; maintain effective working relationships with subordinates and other employees; communicate in a courteous manner with the public; work independently, exercising good professional judgment and initiative.

Knowledge of: Modern wastewater treatment plant operation practices and techniques; state and federal laws governing the operation of wastewater plants; construction and operation of tertiary treatment facilities; and principles of supervision; budgeting and accounting practices; basic principles of mathematics; basic mechanical and chemical principles; occupational hazards and safety precautions for the type of work performed.

CITY COUNCIL APPROVAL DATE: June 18, 2014