

Goleta Sanitary District Job Description

Job Title: Wastewater Treatment Senior Plant Operator IV
Department: Plant Operations
Reports To: Operations Supervisor
FLSA Status: Non Exempt (Non-Salary)

SUMMARY

Under general supervision, as an individual or shift supervisor, operates and maintains an advanced wastewater treatment and reclamation facility in compliance with state regulatory agency requirements; Monitors and adjusts the treatment processes and performs a variety of skilled technical duties including laboratory analysis, facility maintenance and process control decisions.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

Fills in for the Operations Supervisor, whenever he/she is absent from the Plant.

Assists Operations Supervisor in over-seeing Operation Staff.

Participates in the Preparation and Administration of the Plant Operations Budget.

Participates in training all Operations Staff and works with Employees to correct deficiencies.

Attends and participate in professional group meetings; stays abreast of new trends and innovations in the wastewater field.

Monitors all control panels and adjusts valves and gates manually or by remote control to regulate process flows.

Observes variations in operating conditions and interprets meter and gauge readings and tests results to determine treatment process condition.

Monitor and adjust computerized SCADA system and process control software.

Starts and stops pumps, engines, and generators to control flow of wastewater through filtering, settling, aeration, and sludge digestion processes.

Maintain, compile and update plant operations logs and reports; perform and record mathematical calculations related to plant operational activities.

Collects wastewater samples and conducts laboratory tests.

Evaluates process control data to determine process control adjustments for optimum plant performance.

Operates, maintains and adjusts treatment plant pumps, process equipment and power generating equipment.

Monitors and maintains chemical feed equipment and chemical inventories used in the treatment process

Operates motorized equipment such as front-end loaders, forklifts, articulated wheel loaders and dump trucks.

Provides **Lead** supervision and training to all treatment plant personnel.

Administers various programs dealing with training, safety and special projects.

QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Knowledge Of: Methods of treatment processes used in a Grade IV wastewater treatment plant; principle, practices, methods and procedures used in the operation of a wastewater treatment plant; applicable federal, state, and local laws, regulations, and policies; water chemistry, bacteriology and hydraulics; safe work practices; wastewater and biosolids sampling techniques; record keeping and reporting practices and procedures.

Ability To: Operate and maintain the full range of equipment commonly found in wastewater treatment plants; monitor and maintain plant processes at an optimal and cost effective level; perform computer calculations as necessary to determine operating parameters; exercise sound independent judgement within areas of responsibility; conduct laboratory tests and analysis; read and interpret gauges and recording devices monitoring plant operations; operate motorized equipment used in plant operations; establish and maintain effective working relationships with those encountered in the course of work.

EDUCATION and/or EXPERIENCE

High school diploma or general education degree(GED)

Six years of experience performing the function of a wastewater treatment plant operator, including four years, as a lead operator.

LANGUAGE SKILLS

Ability to read and interpret documents such as safety rules, operating and maintenance

instructions, and procedure manuals. Ability to write routine reports, logbook entries and correspondence. Ability to speak effectively before groups of customers or employees of the District.

MATHEMATICAL SKILLS

Ability to add, subtract, multiply, and divide in all units of measure, using whole numbers, common fractions, and decimals. Ability to compute rate, ratio, and percent and to draw and interpret graphs.

REASONING ABILITY

Ability to apply common sense understanding to carry out detailed but uninvolved written or oral instructions. Ability to deal with problems involving a few concrete variables in standardized situations.

CERTIFICATES, LICENSES, REGISTRATIONS

Possession of a valid California Class C driving license with a satisfactory driving record.

Possession of a Grade IV Wastewater Treatment Plant Operator Certificate issued by the CA Water Resources Control Board.

Ability to obtain a CA Water Environment Laboratory Technologists Grade I certificate within 18 months

Ability to obtain an American Red Cross First Aid and Cardiopulmonary (CPR) certificate

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to stand, walk, and talk or hear. The employee frequently is required to use hands to finger, handle, or feel; reach with hands and arms; climb or balance; and smell. The employee is occasionally required to sit and stoop, kneel, crouch, or crawl. The employee must regularly lift and/or move up to 10 pounds, frequently lift and/or move up to 25 pounds, and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

The employee is occasionally required to work in confined spaces or other areas with potentially hazardous atmospheres requiring the use of self contained breathing apparatus (SCBA) or respirators and in that respect is required to follow the District's facial hair policy.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly exposed to moving mechanical parts, fumes or airborne particles, and outside weather conditions. The employee is frequently exposed to wet and/or humid conditions; high, precarious places; toxic or caustic chemicals; and risk of electrical shock. The employee is occasionally exposed to vibration. The noise level in the work environment is usually moderate.