

Goleta Sanitary District Job Description

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

SUMMARY

Under general supervision, monitors wastewater treatment plant processes; performs routine laboratory tests and a variety of duties in the cleaning, operation and maintenance of a wastewater treatment plant.

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

Monitors control panels and adjusts valves and gates manually or by remote control to regulate process flows with approval of the Operator of the Day or Supervisor.

Observes variations in operating conditions; interprets plant data and test results to determine treatment process performance.

Starts, stops, and adjusts valves, pumps/motors, engines, and generators to control and regulate treatment process flow through screening, aeration, settling, disinfection, filtering, anaerobic digestion and sludge dewatering processes.

Maintains log of operations and records meter and gauge readings.

Collects wastewater samples and conducts routine laboratory tests.

Operates and maintains 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.

Will be required to work weekends.

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 wastewater treatment plant; principles, practices, and procedures used in the operation and maintenance of a wastewater treatment plant. Understanding and use of tools, materials and equipment used in maintaining a wastewater treatment facility. Computer skills including SCADA, Microsoft Word, Excel, Outlook, CMMS (Computerized Maintenance Management Systems), and data management software.

Ability To: Operate and maintain the full range of equipment commonly found in wastewater treatment plants; monitor and maintain plant processes; conduct laboratory tests and analysis; read and interpret gauges and recording devices; operate motorized equipment used in plant operations; read, understand, and follow Standard Operating Procedures; conduct work using proper PPE and LOTO procedures; establish and maintain effective working relationships with those encountered in the course of work. Work in confined spaces and use self-contained breathing apparatus and respirators.

EDUCATION and EXPERIENCE

High school diploma (or equivalent) and 18 educational points and 4 years of full-time qualifying experience

Or,

Associate's degree or a minimum of 60 college semester units, including a minimum of 15 semester units of science courses and 2 years of full-time qualifying experience

Or,

Bachelor's degree or a higher degree including a minimum of 30 semester units of science courses and 1 year of full-time qualifying experience

LANGUAGE SKILLS

Ability to read and interpret documents such as safety rules, operating and maintenance instructions, procedure manuals, process flow schematics, and as-built drawings.

Ability to write routine reports, logbook entries and email 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 written or oral instructions. Ability to deal with problems involving a few concrete variables in standardized situations. Ability to notice equipment in an abnormal state. Ability to assess urgency and prioritize critical tasks, Ability to troubleshoot unplanned/abnormal circumstances and determine a root cause.

CERTIFICATES, LICENSES, REGISTRATIONS

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

Possession of a Grade II Wastewater Treatment Plant Operator Certificate issued by the California State Water Resources Control Board

Or,

Must take and pass the Operator Grade III certification test within the first 12 months.

And,

Ability to obtain American Red Cross First Aid and Cardiopulmonary Resuscitation (CPR) certificates.

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 25 pounds, frequently lift and/or move up to 50 pounds, and occasionally lift and/or move up to 75 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.