

ENCINA WASTEWATER AUTHORITY

DATE: June 2020

POSITION TITLE: Operator I

DEPARTMENT: Operations

REPORTS TO: Operations Supervisor

FLSA STATUS: Nonexempt

POSITION SUMMARY: Under the supervision of the Operations Supervisor, Lead Operator, or designee, this position performs: operational activities and limited maintenance of complex treatment systems and auxiliary equipment at the Encina Water Pollution Control Facility (EWPCF), the Carlsbad Water Recycling Facility (CWRF), and other Authority operated facilities; and other related duties as assigned.

ESSENTIAL JOB DUTIES:

- Promotes the Authority's Mission, Vision, and Values.
- As directed, operates complex treatment processes in order to safely and efficiently meet all regulatory permit requirements.
- As directed, operates auxiliary facilities such as potable and reclaimed water systems, chemical handling, solids handling, alternative fuel handling, pipeline conveyance, pumping stations, septic waste disposal, compressed air systems and cogeneration facilities.
- Monitors, troubleshoots and performs minor repairs on various equipment including pumps, motors, regulators, etc.
- Performs laboratory testing for operational evaluations and process control.
- Drives Authority vehicles.
- Operates fork lifts, utility carts, dump trucks, semi-tractors, trailers and other equipment within the Authority operated facilities.
- As directed, performs daily plant checks; inspects valves, pumps and equipment; and monitors instrumentation and control systems.
- As directed, performs wastewater treatment tasks such as emergency and scheduled shutdowns, cleaning of tanks and equipment, and operation of process controls.
- Inspects and reports problems with in plant treatment processes.

- Performs general housekeeping tasks and maintains cleanliness of all facilities.
- Interfaces with trucking firms, contractors, vendors, and members of the public.
- Monitors plant performance via the SCADA system.
- Performs preventive maintenance tasks on mechanical equipment.
- Under direct supervision, monitors cogeneration facilities and performs limited adjustments to the system.
- Submits maintenance service requests for approval.

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. Reasonable accommodations will be made to enable qualified individuals with disabilities to perform the essential functions.

Specific Types of Knowledge, Skills, and Physical Abilities Required for these Duties:

- Knowledge of the operation of secondary and tertiary treatment facilities, pump stations, anaerobic solids digestion, solids thickening and dewatering, chemical handling, chlorination, and process controls.
- Knowledge of and ability to use the types of equipment used in the wastewater treatment process such as pumps, motors, valves, filters, engines, meters, blowers and compressors.
- Knowledge of safety practices and procedures as they apply to wastewater treatment facilities, mechanical equipment, chemical handling and gas management systems.
- Ability to investigate and compile information about facility operations and provide feedback to the Supervisor.
- Skills in basic arithmetic; reading, writing and oral communication in English; and utilizing a computer, including data entry and word processing.
- Ability to establish and maintain cooperative working relationships in order to foster a team approach.
- Ability to perform strenuous physical activities for extended periods of time including lifting, bending, carrying, crawling and climbing.
- Ability to withstand exposure to varying weather conditions, work in wet and/or odorous areas, and work in confined spaces.

- Ability to respond to 24 hour call-ins; work varying hours, weekends, holidays and days off; and perform stand-by duty as needed.
- Knowledge of and experience with tools and equipment necessary to perform limited repairs to mechanical equipment.

EDUCATION/EXPERIENCE REQUIREMENT: Graduation from high school or equivalent and six Continuing Education Units (CEUs) in wastewater treatment or science. Recent one year experience in a wastewater treatment plant, which clearly demonstrates possession of the knowledge and skills listed above.

LICENSES REQUIREMENT: Possession of a valid California Class C Driver's License, ability to be insured under the Authority's automobile insurance coverage, and ability to provide evidence of current personal automobile liability coverage. Note: Failure to maintain a valid California Driver's License constitutes possible cause for termination.

CERTIFICATION REQUIREMENT: Possession of a valid Grade I Wastewater Treatment Plant Operator Certification issued by the State of California Water Resources Control Board (SWRCB) and maintenance of the certificate in active status. The Operator I must meet requirements and pass an examination for the Grade II Wastewater Treatment Plant Operator Certificate no later than 24 months after placement in the Operator I position.

PHYSICAL AND MENTAL DEMANDS:

Physical Demands

While performing the duties of this position, the employee is regularly required to walk; talk or hear by telephone and in person; sit; smell; use hands to finger, handle, feel or operate objects, tools, or controls; and reach and lift with hands or arms. The employee is frequently required to stand, stoop, and kneel for prolonged periods of time.

Specific vision abilities required by this job include close vision, distance vision, the ability to distinguish colors and shades, depth perception, and the ability to adjust focus. The employee must regularly lift and move up to 50 pounds.

Mental Demands

While performing the duties of this position, employees are regularly required to use oral and written communication skills; read documents or instructions; analyze and solve problems; observe and interpret data or information; use mathematical reasoning; learn and apply new information or skills; perform detailed work; work under changing, intensive deadlines with constant interruptions; and perform multiple concurrent tasks.

WORK ENVIRONMENT:

While performing the duties of the job, the employee is frequently exposed to toxic or hazardous chemicals, and slip, trip and fall hazards.

The noise level in the work environment is quiet to loud. Hearing protection is required in some work areas.

RESPIRATORY PROTECTION POLICY/PROGRAM REQUIREMENT: This position must comply with the Authority's Respiratory Protection Policy & Procedures, which requires the use of respirators when conducting specific tasks.

QUALIFICATIONS: Ability to pass Authority pre-employment physical examination, including respiratory protection, hearing and other testing as applicable; possession of a good driving record and ability to be insured by Authority's insurance carrier; and the ability to read, write, speak and comprehend English. Internal candidates must have successfully completed the Authority's Operator Performance Qualification Standards (PQS) program, while external candidates must do so within 12 months of hire.

RIGHT TO WORK REQUIREMENT: Must be a United States citizen or possess qualified alien status. Documentation of eligibility to work in U.S. will be required as a condition of employment.

PROMOTIONAL OPPORTUNITIES: A promotion to Operator II may be made after an Operator I: successfully completes two (2) years of progressively responsible experience in the operation and maintenance of a wastewater treatment plant; possesses a valid SWRCB Grade II Wastewater Operator Certificate or higher; and successfully completes the Authority's Operator Performance Qualification Standards (PQS) program.

The Encina Wastewater Authority does not discriminate against any applicant for employment on the basis of age, race, color, sex, ancestry, national origin, pregnancy, marital status, sexual orientation, sexual identity, religion, military status, medical condition, mental disability, and physical disability.

The list of essential job duties contained in this job description is not exhaustive, and may be supplemented as necessary. This position performs other related duties as assigned, some of which may become essential to the position.

Any offer of employment for this position is contingent upon receipt of acceptable results from a background investigation and drug screen.