

Oro Loma Sanitary District
2600 Grant Avenue
San Lorenzo, CA 94580
(510) 276-4700

PLANT OPERATOR I

DEFINITION

Under general supervision of the Supervisor of Plant Operations and lead direction of the Plant Operator II, to assist in the operation and maintenance of the wastewater treatment plant, including adjustment, repair and maintenance of equipment, grounds and facilities.

SUPERVISION EXERCISED

Exercises no supervision.

IMPORTANT AND ESSENTIAL DUTIES

1. Operate and check the operation of equipment for the treatment of wastewater, digestion of sludge, and disposal of waste products.
2. Inspect plant equipment and report any failures or operating difficulties.
3. Adjust chlorination and/or aeration equipment.
4. Clean, oil or make minor adjustments to mechanical and electrical equipment, such as pumps, electric motors, automatic switches, valves, chlorinators, sprinklers and related equipment.
5. Monitor equipment and computers as necessary to control and adjust flow and treatment process.
6. Keep current with safety procedures and MSDS reports.

OTHER JOB RELATED DUTIES

1. Maintain buildings and grounds in a neat, clean, safe and sanitary condition.
2. Monitor sludge drying beds.
3. Drive dump truck during sludge harvesting.
4. Take samples and perform simple standardized laboratory tests.
5. Conduct Plant tours.
6. Perform other related duties as required.

JOB RELATED AND ESSENTIAL QUALIFICATIONS

Knowledge of:

- Operation and routine maintenance of mechanical equipment, including pumps and electric motors.
- Tools, equipment and methods used in the overhaul, repair, adjustment and modification of equipment.
- Proper use of a variety of hand and power tools and vehicles.
- Basic wastewater treatment principles, methods and practices.
- Safety hazards and appropriate precautions applicable to work assignments.

Ability to:

- Meet respiratory requirements and use self-contained breathing apparatus (SCBA) when necessary, in accordance with the District's Standard Procedure No. I.E.13.
- Perform mechanical repairs, maintenance work and modifications.
- Operate mechanical equipment including pumps and electric motors.
- Operate a motor vehicle safely.
- Read and interpret gauges and recording devices.
- Keep accurate records and logs.
- Climb ladders to above and below ground level structures.
- Perform heavy physical labor.
- Communicate clearly and concisely, both orally and in writing.
- Establish, maintain, and encourage positive and harmonious working relationships with those contacted in the course of work.

Experience and Training Guidelines:

Any combination of experience and education that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Experience:

One year of experience in the operation or maintenance of pumps, motors, piping systems or related equipment.

Education:

Equivalent to the completion of the twelfth grade, supplemented by course work in biology, chemistry or related field.

License or Certificate:

Possession of a valid California Driver's License, issued by the California Department of Motor Vehicles, and a driving record that meets the District's Driving Standards.

Possession of, or ability to obtain, within two years of appointment, a Wastewater Treatment Plant Operator Grade I certificate, issued by the California State Water Resources Control Board.

Special Requirements:

Essential duties require the following physical abilities and work environment:

Ability to sit, stand, walk, kneel, crouch, squat, stoop, reach, crawl, twist, climb, and lift 50 lbs.; exposure to cold, heat, extreme noise, outdoors, confining work space, electrical hazards, vibration, chemicals, domestic waste, dust and mechanical hazards; availability for on call, standby and shift work.

Effective Date: September 1992