

TOWN OF NARRAGANSETT

Title: Wastewater Plant Operator I

Nature of Work

Person performs a variety of technical, semi-skilled and labor work in the daily operation and maintenance of a municipal sewage treatment plant and collection system. Work is generally performed under the general direction and administration of the Wastewater Superintendent in addition to under the supervision of the Process Controller/Pretreatment Coordinator, the Maintenance Superintendent and/or the Foreman. On the Job training will be provided for individuals new the industry for a 6-month probationary period.

Essential Functions

1. Operates treatment facilities to control flow and processing of wastewater, sludge and effluent
2. Monitor, interpret information from SCADA system and record flows.
3. Operates daily solid handling facilities
4. Collect and conduct analysis on samples
5. Operates daily solid handling facilities
6. Transfer analysis results to appropriate reports
7. Maintain grounds, buildings, pumping stations and collection system
8. Check, maintain and perform required repairs on the collection system
9. Subject to stand-by, weekend shifts, and call-backs
10. Attend job-related classes and seminars
11. Apply safe working procedures and the use of protective equipment

12. Mixes chemicals
13. Assists with pump station operations and maintenance, as needed
14. Performs related work as required, as well as other such duties as may be assigned from time to time by the supervisor and which are not inconsistent with this position.

Critical Skills, Experience, and Knowledge

1. Heavy lifting required
2. Ability to work in tight quarters, climb ladders at varying heights
3. Ability to operate different types of machinery and work with hand tools
4. Ability to perform wastewater related sampling and laboratory analysis
5. Ability to maintain accurate records
6. Ability to follow written and oral instructions, and to work effectively with minimal supervision and exercise independent judgment
7. Ability to establish/maintain effective working relationships with other employees, departments, regulatory agencies and the general public
8. Knowledge of general math, science, and mechanics as it relates to hydraulics and chemistry relating to plant control and maintaining its operation in optimum conditions
9. Knowledge of methods, techniques, and equipment utilized in the operation of wastewater treatment facilities (i.e. meters, gauges, motors, pumps, power driven tools and equipment)

Preferred familiar with and able to operate the following:

1. Laboratory equipment

2. Jet spray, gas detector, pumps, generators, control panels, process equipment, tank truck, compressors, gravity belt thickener, sewer camera inspection equipment

Minimum Required Qualifications

1. High school diploma or GED
2. One (1) year experience working at a secondary wastewater treatment facility, and/or equivalent technical experience in the wastewater industry preferred.
3. Valid Grade I Rhode Island Wastewater Treatment Plant Operator Certificate, obtained through examination or reciprocity OR the ability to obtain certification within one (1) year.
4. Valid Rhode Island Driver's License, with no restrictions that would limit or adversely affect insurability

Physical Environment/Working Conditions/Physical Demands

1. The work environment may be within an office setting or a field setting, including construction sites and high traffic zones.
2. Working conditions may vary from moderate temperatures and light (office environment) to inclement weather and night (field environment). The employee is frequently exposed to wet and/or humid conditions, fumes, toxic and caustic chemicals. The employee frequently works near moving mechanical parts.
3. The noise level in the work environment is moderately noisy.
4. The employee may routinely lift and/or move objects up to ninety (90) pounds and may climb or crawl into and out of limited access areas such as pumping stations and associated wastewater collection system confined spaces.
5. The employee is frequently required to use hands to finger, handle, feel or operate objects, tools, or controls; and reach with hands and arms.
6. The employee is frequently required to climb, balance; stoop, kneel, crouch, or crawl.

7. Specific vision abilities required by this job include close vision, color vision, and the ability to adjust focus.