

# WASTEWATER TREATMENT PLANT OPERATOR

Public Works | Pollution Control | Treatment



## SUMMARY

Perform all operating functions, analytical testing, general maintenance functions, housekeeping, and record keeping of the facilities as required. Perform tasks such as grit removal, preparation, primary sedimentation, activated biofiltration, extended aeration, chemical coagulation, final sedimentation, chlorination, dechlorination, and anaerobic sludge digestion.

## JOB OVERVIEW

### Starting Pay

\$13.62 - \$17.49 per hour

Wage consideration dependent upon level of wastewater treatment certification.

### Schedule

Monday - Thursday

Must be willing to work overtime, including nights, weekends, and holidays. Required to work every other weekend.

### Shift

10 hours per day

## LOCATION

Pollution Control - St. Louis Canal Road

## REPORTS TO

Sewerage Superintendent- Treatment

## PHYSICAL DEMANDS

- Lift over 50 lbs. (heavy)
- Routine bending, climbing, and confined space entry

## WORK ENVIRONMENT

- Work indoors and outdoors with frequent exposure to wastewater, inclement weather, noise, chemicals, and other hazardous conditions

## EMERGENCY EVENTS

Required to work during emergency events.

## ESSENTIAL FUNCTIONS

1. Operate public-owned sewerage treatment plants, including operating valves, gates, aerators, chemical feed equipment, pumps, motors, sludge equipment, and controls.
2. Perform cleanup duties on equipment, tanks, lines, and other items needed for proper unit process operation, as well as glassware and the laboratory.
3. Collect samples and perform quality control laboratory analysis for BOD<sub>5</sub>, TSS, pH, DO, residual chlorine, settleability, and fecal coliform. Perform operation tests for sludge volume index, food/mass ratio, and mixed liquor suspended solids.
4. Interpret chemical analyses and take appropriate corrective action to maintain the operating facility within discharge permit limitations.
5. Monitor gauges, alarms, meters, and control panels.
6. Maintain operating logs. Operate data acquisition computer and telemetry console.
7. Monitor sludge and supernatant quality, and operate sludge dewatering equipment.
8. Perform preventative maintenance on operating equipment.
9. Perform other duties as assigned by supervisor.

## GENERAL REQUIREMENTS

1. Learn and practice all applicable safety rules and regulations.
2. Be willing to obtain certifications as training and experience allows.
3. Ability to pass examinations for provided classroom trainings in allotted time frame.
4. Ability to comprehend the mechanics and operational procedures of the equipment and units assigned, including pretreatment, primary treatment, secondary treatment, sludge treatment, digestion, chlorination, and sulfonation.
5. Ability to interpret written and oral instructions.
6. Possess home phone service for emergency callout.

## EDUCATION, EXPERIENCE, AND LICENSES

1. High school diploma or GED certificate required.
2. Ability to attain state certification in Wastewater Treatment IV within the time frame set by Pollution Control.
3. Previous experience in wastewater plant operation preferred.
4. Possess and maintain valid Louisiana driver's license.



Questions? No problem! Email us at [employment@tpcg.org](mailto:employment@tpcg.org).