

# WASTEWATER TREATMENT PLANT OPERATOR

Public Works | Pollution Control | Treatment



## JOB RESPONSIBILITIES

**NORTH PLANT.** The Terrebonne Parish Consolidated Government’s Wastewater Treatment Plant Operator is responsible performing all operating functions, analytical testing, general maintenance functions, housekeeping, and record keeping of the facilities.

### JOB OVERVIEW

#### PAY TYPE

Non-Exempt (Hourly)

#### SCHEDULE

7 ON – 7 OFF

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

#### SHIFT

12 hours per day

#### LOCATION

Pollution Control Facility – St. Louis Canal Road

#### REPORTS TO

Sewerage Supervisor - Treatment

#### PHYSICAL DEMANDS

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

#### WORK ENVIRONMENT

Indoors and outdoors with frequent exposure to wastewater, noise, heat, cold, chemicals, inclement weather, and other hazardous conditions.

#### EMERGENCY EVENTS

Required to work during emergency events.

#### REQUIREMENTS

Valid Louisiana driver’s license

In this role, the incumbent will be expected perform tasks such as grit removal, preparation, primary sedimentation, activated biofiltration, extended aeration, chemical coagulation, final sedimentation, chlorination, dechlorination, and anaerobic sludge digestion.

### JOB DUTIES

- Operate and maintain various equipment in the sewerage treatment plant, including valves, gates, aerators, chemical feed systems, pumps, motors, and sludge handling equipment.
- Perform routine cleaning and maintenance of equipment, tanks, lines, and laboratory glassware to ensure proper operation of treatment processes.
- Collect samples and conduct quality control laboratory tests for parameters such as BOD5, TSS, pH, DO, residual chlorine, settleability, and fecal coliform.
- Perform operational tests including sludge volume index, food/mass ratio, and mixed liquor suspended solids, and take corrective actions based on chemical analysis to maintain discharge permit compliance.
- Monitor and adjust control panels, gauges, alarms, and meters to ensure optimal plant operations.
- Maintain detailed operating logs and operate data acquisition systems and telemetry consoles.
- Oversee sludge and supernatant quality and manage sludge dewatering equipment operations.
- Conduct preventative maintenance on plant equipment to ensure smooth, efficient operation
- Perform any additional tasks as assigned by the supervisor.

### SKILLS AND QUALIFICATIONS

- **Leadership Skills:** Ability to motivate team members, ensure safety and compliance while making informed decisions during emergencies.
- **Time Management:** Ability to prioritize tasks, balance routine maintenance with urgent issues.
- **Analytical Skills:** Ability to collect and analyze water samples, perform quality control tests, and interpret chemical analysis to ensure compliance with discharge regulations. Monitoring gauges, alarms, and meters accurately to ensure all systems are functioning within desired parameters.
- **Communication Skills:** : Strong verbal and written communication skills to follow instructions, complete logs, and collaborate with coworkers.
- **Organizational Skills:** Ability to manage multiple tasks, maintain accurate records, and efficiently schedule and track preventative maintenance.
- **Technical Skills:** Knowledge of sewerage treatment processes and the ability to operate and maintain various treatment plant equipment, such as pumps, motors, and chemical feed systems.
- **Qualifications:**
  - High school diploma or equivalent (GED) required.
  - Experience in wastewater plant operation preferred.
  - Ability to attain State Certification in Wastewater Treatment IV.

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