



# Terrebonne Parish Consolidated Government

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## JOB DESCRIPTION

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<b>POSITION TITLE.....:</b>	Wastewater Treatment Plant Operator
<b>DEPARTMENT.....:</b>	Public Works
<b>DIVISION.....:</b>	Pollution Control - Treatment
<b>CLASSIFICATION/GRADE.....:</b>	Wastewater Treatment Plant Operator/105
<b>REVISED.....:</b>	06/2020
<b>REPORTS TO.....:</b>	Sewerage Superintendent - Treatment
<b>REVIEWED.....:</b>	06/2020
<b>WAGES.....:</b>	Non-Exempt (Hourly)

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### **SUMMARY:**

Under the direct supervision of the Sewerage Treatment Superintendent, the Plant Operator performs all operating functions, analytical testing as required, general maintenance functions, housekeeping, record keeping of at 16 MGD ABF Plant and 13 MGD Secondary Treatment Facility, which includes grit removal, preparation, primary sedimentation, activated bio-filtration extended aeration, chemical coagulation, final sedimentation, chlorination, dechlorination and anaerobic sludge digestion. Additional wage consideration dependent upon level of wastewater treatment certification in possession.

### **BASIC FUNCTIONS:**

1. Operate public owned sewage treatment plants, including operating valves, gates, aerators, chemical feed equipment, pumps, motors, sludge equipment and controls.
2. Clean equipment, tanks, lines and other items necessary for proper unit process operation.
3. Collect samples and perform quality control laboratory analysis for BOD<sub>5</sub>, TSS, pH, DO, Residual Chlorine, Settleability, and Fecal Coliform.
4. Washes glassware and performs laboratory cleanup.
5. Interpret chemical analyses and take appropriate corrective actions to maintain the operating facility within discharge permit limitations.
6. Other operation tests include: Sludge Volume Index, Food/Mass Ratio and Mixed Liquor Suspended Solids.
7. Operate electrical controls (timers, etc.).
8. Monitor gauges, alarms, meters and control panels.
9. Maintain operating logs, operate data acquisition computer and telemetry console.
10. Monitor sludge and supernatant quality and operate sludge dewatering equipment.
11. Perform preventive maintenance on operating equipment.
12. Responsible for obtaining certification as training and experience allows.
13. Rotating shift work required; Observe departmental safety rules and practices.
14. Classroom training provided and applicant must be able to pass examinations in prescribed time periods.
15. Other duties as assigned.

### **OTHER REQUIREMENTS:**

1. Must be willing to work overtime, including nights, weekends and holidays.
2. Must be willing to work indoors and outdoors to maintain wastewater treatment facilities with frequent exposure to wastewater, inclement weather conditions, noise, chemicals and other hazardous conditions.
3. Occasional heavy lifting required, routine bending, climbing and confined space entry involved.
4. Must possess a valid Louisiana Driver's License; Must have and maintain home telephone service for emergency call-out purposes.

5. Ability to comprehend the mechanics and operational procedures of the equipment and units assigned which includes pre-treatment, primary treatment, secondary treatment, sludge treatment, digestion, chlorination, and sulfonation.
6. Ability to interpret written and oral instructions.

**EDUCATION/EXPERIENCE:**

1. High School Diploma or GED Graduate.
2. Ability to attain State Certification in Wastewater Treatment IV, within the time limitations of the Pollution Control Division.
3. Previous experience in wastewater plant operation is desired.

**SUBSTITUTIONS -- EXPERIENCE FOR EDUCATION:**

1. One (1) year of supervisory experience may be considered as equivalent to two (2) years education.
2. One (1) year of non-supervisory experience may be considered as equivalent to one half (1/2) years of education.
3. Only a maximum of four (4) years' experience may be applied.
4. Experience applied to education may not also be applied to the experience requirements.

**Wastewater Treatment Plant (WWTP) Operator  
Pollution Control – Treatment**