



Maintenance Operator 2 Sewer Department – WWTP

MOP-2

JOB SUMMARY

This position is responsible for participating in all maintenance activities at the Wastewater Treatment Plant in order to maintain compliance with the NPDES permit while operating as efficiently as possible within the established budget. Assists with WWTP operations as needed.

MAJOR DUTIES

- All routine preventive maintenance and corrective maintenance tasks assigned by WWTP superintendent Maintenance Foreman, or CMMS program.
- Troubleshooting and diagnosis of equipment issues.
- Maintain HVAC systems.
- Maintain & repair electrical motors and associated mechanical components of WWTP equipment.
- Maintain & repair plumbing pipe & fixtures.
- Maintain & repair gasoline and diesel engine driven equipment.
- Maintain & repair lift stations in the City.
- Inventory management for maintenance parts & supplies.
- Participation in 24/7 on-call rotation.
- All janitorial tasks for a well-maintained facility.
- All landscaping tasks for well-maintained grounds.

KNOWLEDGE REQUIRED BY THE POSITION

- Advanced understanding of repair & maintenance activities conducted by a WWTP mechanic on:
 - pumping systems
 - mechanical agitation equipment
 - dewatering systems
 - tertiary treatment systems
 - water reuse systems
 - pneumatic devices
 - electrical components (PLC's, relays, breakers, disconnects, etc.)
- Basic understanding of computer programs including SCADA systems, CMMS systems, and Microsoft office programs.
- Familiar with janitorial tools and equipment.
- Familiar with landscaping tools and equipment.

SUPERVISORY CONTROLS

The WWTP Superintendent and Maintenance Foreman assigns work in terms of general instructions. The superintendent and foreman spot-check completed work for compliance with procedures, accuracy, and the nature and propriety of the final results.

GUIDELINES

Guidelines include task specific standard operating procedures (SOP's), established Best Management practices, plumbing and electrical code in the state of GA, and local, state, and federal rules and regulations. These guidelines are generally clear and specific but may require some interpretation in application.

COMPLEXITY/SCOPE OF WORK

- The work consists of maintaining & repairing the equipment used in treating wastewater that flows to the facility from the collection system. The variety of issues addressed by this position and the variance in the issues & problems that can occur with the equipment contribute to the complexity of the position.

CONTACTS

- Contacts are typically with WWTP staff including the superintendent and maintenance staff, vendors and associated haulers & shippers, outside contractors, and other City departments.
- Contacts are typically to give or exchange information; to resolve problems; to coordinate repairs & maintenance including overseeing maintenance staff & outside contractors; receive materials; seek or provide assistance to other City departments.

PHYSICAL DEMANDS/ WORK ENVIRONMENT

- The work is typically performed while intermittently sitting, standing, stooping, or walking. The employee frequently lifts light and heavy objects, makes variable visual observations including shades of color and physical water quality characteristics, listens to equipment for operational sound variances, and sense of smell for biological process issues.
- Outdoor work is required and can occur during inclement weather conditions. The employee is exposed to bio-hazard material, industrial chemicals, engulfment hazards (Confined Space Entry), dust, dirt, and grease.

SUPERVISORY AND MANAGEMENT RESPONSIBILITY

N/A

MINIMUM QUALIFICATIONS

- Ability to read, write and perform mathematical calculations at a level commonly associated with the completion of high school or equivalent.
- Sufficient experience to understand the advanced principles relevant to the major duties of the position, usually associated with the completion of the requirements for a Class III GA WWTP Operators license or having had a similar position for five to ten years.
- Possession of a valid driver's license issued by the State of Georgia.
- Class III GA WWTP Operator license and Maintenance Technician license or the ability to obtain these licenses within one year.