

CITY OF NORTHPORT

WATER TREATMENT PLANT OPERATOR

Summary:

Under direction, operates all equipment and systems of a large municipal water treatment plant in accordance with accepted standards and regulations. Makes necessary corrections to obtain effective and efficient operations. Performs major maintenance of equipment during the shift if necessary.

DUTIES AND RESPONSIBILITIES

A. Operations/Supervision (50%)

On an assigned shift, operates electric pumps, control panels, chlorinators, chemical feed equipment, electric motors, air compressors and other water plant equipment.

Examines chemical flow charts, collects and performs routine and required sampling tests.

Directs work of a Laborer in the maintenance and repair of plant buildings and grounds and non-mechanical equipment and appurtenances.

B. General Duties (20%)

Cleans, paints and otherwise repairs the general physical properties of the plant.

Assists in the repair and maintenance of pumps and other mechanical and electrical equipment at the assigned plant.

Responds to emergency breakdowns of plant equipment.

C. Rounds (15%)

Makes periodic rounds of the plant checking charts on level gauges and flow meters.

D. Records (15%)

Maintains log of plant operations.

E. Performs other reasonably related duties in a safe manner as assigned by immediate supervisor and other supervisors.

JOB SPECIFICATIONS

Qualifications:

Must have an educational level equivalent to a high school diploma.

Must have work experience in a Grade IV water plant.

Possession of the Alabama Grade IV Water Operator certification as required by ADEM and the City of Northport.

Must have regular attendance on the job.

Must be available to be on call for weekends, holidays, and other shifts as required.

Knowledge, Skills and Abilities:

Considerable knowledge of the functions and mechanics of pumps and other mechanical equipment.

Considerable knowledge of the operation of electric motors and equipment.

Considerable knowledge of the proper methods of lubricating mechanical equipment.

Considerable knowledge of water purification processes.

Skill in the use of bench and hand repair tools and equipment.

Ability to check the operation of equipment and to detect flaws or defects in operation.

Ability to make repairs to pumps and other electrical and mechanical equipment.

Ability to take accurate readings, to keep routine records and to make mathematical computations.

Ability to maintain an effective working relationship with other employees.

Physical characteristics:

Physical strength to move repair equipment weighing up to 100 pounds.

