

WATER PLANT OPERATOR III

FLSA STATUS - Non-Exempt

DESCRIPTION OF WORK

Under general supervision of the Water and Wastewater Treatment Superintendent, performs supervisory and complex technical work in the operation, servicing and general maintenance of equipment in a water treatment plant; serves as chief operator; assists in back-up operation of the Wastewater Treatment Plant as needed.

DUTIES-EXAMPLES OF WORK

ESSENTIAL DUTIES:

Operates plant equipment in a water treatment plant including filters, feed systems, valves and pumps; maintains reservoirs; seasonally establishes new springs as water source; works on the water lines at the source; monitors water flow from the springs; operates pre-treatment plant during the season; adds chemicals as determined to be needed; draws samples and runs laboratory tests on water; monitors a control board; prepares on-going, daily and monthly reports; performs a variety of other work in operation of the water plant; maintains grounds around the plant; controls weeds; removes snow from walks; hauls trash; performs janitorial duties in the plant; installs and maintains a cathodic protection system in the distribution system;

Serves as back-up operator of the wastewater treatment plant; draws and hauls grit; maintains plant equipment; takes samples and runs laboratory tests of inflow, at processing and effluent; records discharge rate and condition of effluent; trains new and lower level operators.

OTHER DUTIES: Serves on-call on prescribed weekends; drives truck and operates back-hoe; reports to City and State officials; attends seminars and training sessions; performs related duties.

QUALIFICATIONS

Thorough knowledge of water/wastewater characteristics, treatment plant principles, operations and equipment.

Considerable knowledge of treatment plant equipment, maintenance and related functions.

Considerable knowledge of chemistry, mathematics and biology.

Skill in the operation and maintenance of mechanical and technical equipment.

Ability to operate a computer.

Ability to lead and instruct lower level personnel.

Ability to communicate effectively verbally and in writing.

Ability to work and exercise judgment independently.

Ability to establish and maintain effective working relationships with officials, employees, personnel of other agencies and the public.

PHYSICAL AND SENSORY REQUIREMENTS

Ability to perform moderate/heavy physical work and to lift and carry up to 75 pounds;

Ability to stand, walk, run, sit, ride, climb, bend, kneel, crawl, twist, reach, grasp, push, pull and perform similar body movements;

Possesses hand/eye/foot coordination adequate to operate a computer, equipment and a vehicle;

Ability to talk and hear in person, by telephone and two-way radio;

Ability to see and read instructions, reports, manuals, operating gages and figures on a computer screen.

EXPERIENCE AND TRAINING

Any combination of experience and training equivalent to graduation from high school supplemented by numerous hours in related water and wastewater subjects and five years of experience in the water/wastewater treatment field, two of which are as a Water Treatment Plant Operator II.

SPECIAL REQUIREMENTS: Possession of Level III Water Plant Operator's and Level I Wastewater Operator's Certifications; possession of a valid Class B CDL w/air brakes endorsement; possession of certification at Level I Systems Operator is desirable.