

WATER PLANT OPERATOR I

FLSA STATUS - Non Exempt

DESCRIPTION OF WORK

Under supervision of the Water and Wastewater Treatment Superintendent or head operator, performs entry level technical work in the operation, servicing and general maintenance of equipment in a water treatment plant; assists in back-up operation of the Wastewater Treatment Plant.

DUTIES-EXAMPLES OF WORK

ESSENTIAL DUTIES:

Operates equipment in a water treatment plant including filters, pumps, valves, reservoirs and related equipment; controls flow of water through the plant; maintains reservoirs; seasonally assists in establishing new springs as a water source by digging ditches, laying and maintaining lines; monitors flow from springs and river sources; operates pre-treatment plant on seasonal basis; adjusts chemical feeds; gathers samples and runs routine laboratory tests on water; monitors a control board; reads gages and dials; prepares daily reports; maintains grounds around the plant; controls weeds; performs janitorial duties; removes snow from walks; picks up and hauls trash; installs and maintains cathodic protection on water lines; after some exposure, fills in as operator of the wastewater treatment plant; draws and hauls grit; monitors wastewater flowing into the plant; monitors a control panel and plant equipment; takes samples and performs routine tests on water in-flow, in process and effluent to determine level of treatment and treatment needs; prepares and submits reports on a daily basis.

OTHER DUTIES: Operates trucks and hauls materials for other departments; participates in City and highway cleanup; submits to on-going training in treatment of water and wastewater; performs related duties.

QUALIFICATIONS

Some knowledge of plant equipment, maintenance and related functions.

Working knowledge of chemistry, mathematics and biology.

Ability to learn water and wastewater characteristics, treatment plant principles, operations and equipment.

Ability to operate a computer.

Ability to communicate effectively verbally and in writing.

Ability to establish and maintain effective working relationships with supervisor, employees, representatives 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, valves, control equipment and a vehicle;

Ability to talk and hear in person, by telephone and two-way radio; ability to hear malfunctions of equipment;

Ability to see and read instructions, hazardous warnings, manuals, regulations and figures on a computer screen.

EXPERIENCE AND TRAINING

Any combination of experience and training equivalent to graduation from high school supplemented by some experience with mechanical equipment.

SPECIAL REQUIREMENTS: Ability to acquire Level I Certification in water treatment operation within one year and Level I wastewater operator within two years; possession of a valid driver's license.

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